



January 4, 2022

Phil Richard  
Wisconsin Dept. of Natural Resources  
875 S. 4th Avenue  
Park Falls, WI 54552

Re: Status Report – Monitoring Well Sampling  
Laundry Basket, Luck, WI  
DNR BRRTS # 02-49-544893

Dear Mr. Richard:

This letter outlines the results of the recent monitoring well groundwater and municipal water supply well sampling activities completed in Luck, Wisconsin as part of the Laundry Basket site investigation. This status report utilizes the additional sampling results to expand upon the information previously presented in the most recent status report letter submitted to the DNR on March 10, 2020.

### **Monitoring and Municipal Well Groundwater Sampling**

Four additional groundwater sampling events were completed as part of the scope of work as outlined in the September 25, 2020 Change Order #12 request, approved by the Wisconsin Department of Natural Resources (WDNR) in a letter dated September 28, 2020.

Each quarterly groundwater sampling event consisted of sampling monitoring wells MW-13D, MW-15D, MW-17, MW-17-40 and MW-17-70 located on the St. Croix Hardwoods property; Luck Telephone monitoring wells MW-6-30, MW-6-50, MW-10-30 and MW-10-50; and Luck Municipal Well #2. MSA personnel conducted the initial quarterly sampling event on October 13, 2020 but, due to laboratory error, the samples were never logged in for laboratory analysis and MSA personnel had to conduct a subsequent initial sampling event on December 1, 2020. The second quarterly sampling event was conducted by MSA personnel on March 3, 2021 but once again due to laboratory error the samples were not logged in for laboratory analysis and MSA personnel resampled the wells on March 30, 2021. The third and fourth quarterly sampling events were conducted on July 2, 2021 and September 24, 2021, respectively. The location of the monitoring wells is shown on **Attachment B.1.b** and monitoring well sampling laboratory analytical results are provided in **Attachment A.1**.

### **Monitoring and Municipal Well Groundwater Sampling Results**

Laboratory analytical results from the groundwater sampling detected concentrations of tetrachloroethylene (PCE) and trichloroethylene (TCE) above their respective WDNR Enforcement Standards (ES) in two monitoring wells; MW-13D and MW-15D. Laboratory analytical results also detected

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concentrations of PCE and/or TCE above their respective WDNR Preventative Action Limits (PALs) in five additional monitoring wells: MW-17, MW-6LT-30, MW-6LT-50, MW-10LT-30 and MW-10LT-50. Cis-1,2-dichloroethene (Cis 1,2-DCE) was also detected above laboratory reported detection limits in monitoring wells MW-6LT-50 and MW-6LT-30 and methyl tert-butyl ether (MTBE) was detected above its laboratory reported detection limit in Luck Municipal Well #2, but concentrations were below their respective WDNR PALs. No contaminants of concern were detected in any of the groundwater samples collected from monitoring wells MW-17-40 and MW-17-70 during any of the quarterly sampling events. The following is a discussion of apparent concentration trends and interpreted characteristics for groundwater samples collected during the current investigation of the Laundry Basket site:

- Concentrations of PCE and TCE in monitoring well MW-13D historically both exceeded their respective WDNR ES in previous sampling events. Prior to this recent year of monitoring, MW-13D had shown generally increasing contaminant trends since its installation in April 2017. Concentrations of PCE and TCE were both detected above their respective WDNR ES in groundwater samples collected during all four sampling events and Cis 1,2-DCE exceeded its WDNR PAL in groundwater samples collected during all of the sampling events except the September 2021 sampling event. It should be noted that concentrations of all three contaminants of concern were detected at their highest concentrations in the December 2020 sampling event and decreased in each subsequent sampling event. If this recent trend continues, TCE concentrations will fall below its respective WDNR ES within the next few sampling events and Cis 1,2-DCE concentrations will remain below its WDNR PAL. No other contaminants were detected above their respective laboratory reported method detection limits in any of the groundwater samples collected during the sampling events. A graphical presentation of the contaminant trends established in monitoring well MW-13D is attached for reference.
- Concentrations of PCE and TCE in monitoring well MW-15D historically both exceeded their respective WDNR ESs in previous sampling events and have shown an increasing trend since the well was installed in April 2017. Concentrations of PCE and TCE were both above their respective WDNR ESs in groundwater samples collected during all four sampling events and Cis 1,2-DCE concentrations also exceeded its WDNR PAL in groundwater samples collected during all four sampling events. Benzene was also detected above its respective laboratory reported method detection limits in groundwater samples collected during all of the sampling events except the March 2021 sampling event. Contaminant concentrations showed a slight decrease during the March 2021 and July 2021 sampling events but stabilized or increased during the September 2021 sampling event. No other contaminants were detected above their respective laboratory reported method detection limits in any of the groundwater samples collected during the sampling events. Generally speaking, the contaminant trends in monitoring well MW-15D have stabilized. A graphical representation of the contaminant trends established in monitoring well MW-15D is attached for reference.
- PCE has been historically detected in the shallow well of the MW-17 well nest at concentrations between 0.5 µg/L and 1.1 µg/L, slightly above its WDNR PAL but with a generally decreasing contaminant trend. PCE was detected above the WDNR PAL in groundwater samples collected during all four sampling events completed during

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this reporting period, with concentrations increasing with each subsequent sampling event. No other contaminants were detected above their respective laboratory reported detection limits in any of the groundwater samples collected from the MW-17 wells during the sampling events. A graphical presentation of the contaminant trends established in monitoring well MW-17 is attached for reference.

- PCE has been historically detected occasionally in the middle and in the deep monitoring wells (MW-6LT-30 and MW-6LT-50) of the MW-6LT well nest at concentrations between 0.398 µg/L and 1.2 µg/L, slightly above its WDNR PAL. Concentration trends appear to be stable to slightly decreasing in both wells. There have never been detections of PCE or TCE in the shallow monitoring well. PCE was detected in monitoring well MW-6LT-30 above its WDNR PAL in groundwater samples collected during both the December 2020 and September 2021 sampling events but was not detected in either of the other sampling events. Cis 1,2-DCE was also detected above its laboratory reported detection limit in the groundwater sample collected during the December 2020 sampling event. PCE was detected in groundwater samples collected from monitoring well MW-6LT-50 at concentrations at or above its WDNR PAL in all four sampling events and Cis 1,2-DCE was detected above its laboratory reported detection limit in the groundwater sample collected during the September 2021 sampling event. No other contaminants were detected above laboratory reported detection limits in any of the groundwater samples collected from either of the MW-6LT wells. A graphical representation of the contaminant trends established in monitoring wells MW-6LT-30 and MW-6LT-50 are attached for reference.
- PCE has been historically detected in the middle and deep monitoring wells (MW-10LT-30 and MW-10LT-50) of the MW-10LT well nest at concentrations between 1.5 µg/L and 3.9 µg/L, above its WDNR PAL. Concentration trends appear to be stable to slightly decreasing in both wells. TCE has historically also been detected at concentrations at or near the WDNR PAL. There have never been detections of PCE or TCE in the shallow monitoring well. PCE was detected in monitoring well MW-10LT-30 above its WDNR PAL in groundwater samples collected during all four sampling events and TCE was detected in groundwater samples above its laboratory reported detection limit in all but the July 2021 sampling event. CIS 1,2-DCE was also detected above its laboratory reported detection limit in the groundwater samples collected during the July 2021 and September 2021 sampling events. PCE was detected in monitoring well MW-10LT-50 above its WDNR PAL in groundwater samples collected during all four sampling events and TCE was detected in groundwater samples above its laboratory reported detection limit in all but the July 2021 sampling event. No other contaminants were detected above laboratory reported detection limits in any of the groundwater samples collected from either of the MW-10LT wells. A graphical representation of the contaminant trends established in monitoring wells MW-10LT-30 and MW-10LT-50 are attached for reference.
- 1,2-dichloroethane was historically detected in Luck Municipal Well #2 at concentrations below its WDNR PAL between January 1997 and March 2019. MTBE has also been historically detected at concentrations below its WDNR PAL since March 2007. MTBE was detected in groundwater samples collected in Luck Municipal Well #2 during all sampling events except the March 2021 sampling event, at

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concentrations between 0.34 µg/L and 0.40 µg/L but below the WDNR PAL of 12 µg/L. These concentrations continue to show a decreasing trend from historical levels. No other contaminants of concern were detected above laboratory reported detection limits in any of the groundwater samples collected from Luck Municipal Well #2.

The approximate extent of PCE in the middle and lower sampling intervals for each sampling event are shown on **Figure B.3.b.1** through **Figure B.3.b.8**; laboratory analytical results are listed in **Attachment A.1.**, groundwater sampling forms are provided in **Appendix A**, graphs showing concentration trends are provided in **Appendix B** and laboratory analytical reports from the groundwater sampling events are provided in **Appendix C**.

### **Groundwater Contamination Discussion**

Laboratory analytical sampling results from all four groundwater sampling events indicate that the only area with contaminant concentrations exceeding their respective WDNR ES is in the vicinity of monitoring wells MW-13D and MW-15D on the eastern portion of the St. Croix Hardwoods property. Based on the decrease in contaminant concentrations in monitoring well MW-13D and the increase in monitoring well MW-15D, it also appears that the plume in the vicinity of the two monitoring wells is migrating but it is unclear if the migration is horizontal due to groundwater flow or vertical due to the density of the contaminants. It also appears that the contaminant plume does not have enough contaminant mass to significantly migrate downgradient considering the highest detected concentrations are only approximately one order of magnitude higher than the WDNR ES standard and there have been no contaminant detections in the downgradient sentinel MW-17 well nest at deeper intervals where the chlorinated contaminants in monitoring wells MW-13D and MW-15D were identified.

Persistent concentrations of PCE near or slightly above the WDNR PAL but below the WDNR ES are also present in the shallow well interval of monitoring well MW-17 and the middle and deeper monitoring well intervals of the MW-6LT and MW-10LT well nests. These concentrations appear to have stable to decreasing trends and have not affected the quality of water from Luck Municipal Well #2. Although the contaminant concentration trends and lack of daughter products (trans-1,2-dichloroethylene, vinyl chloride) indicate that reductive dechlorination is not taking place in the detected contaminants, there is no evidence that the chlorinated solvent concentrations are affecting the groundwater obtained from Luck Municipal Well #2.

MTBE continues to be detected in the Luck Municipal Well #2 but contaminant concentrations continue to show a decreasing trend from historical levels. It is unclear where the source of the contamination is located considering the only detections of MTBE were in monitoring well MW-10LT-30 during the December 2020 and September 2021 sampling events but it does not appear to be related to the chlorinated solvent release from the Laundry Basket site.

### **Conclusions and Recommendations**

Based on the results of this investigation, it appears that the vertical extent and a majority of the horizontal extent of the chlorinated solvent plume has been delineated. Previous and current statistical analysis of contaminant concentrations indicate that the plume is relatively stable to decreasing with the exception of contaminants located near monitoring well MW-15D in the central portion of the investigation area associated with the Laundry Basket site.

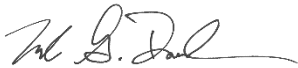
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Although there are persistent low concentration detections of chlorinated solvents in the MW-10LT well nest adjacent to the Luck Municipal Well #2, direct push groundwater samples previously collected near the municipal well from the deepest sampling interval did not detect any chlorinated solvents above laboratory reported method detection limits. There have been no detections of chlorinated solvents in Luck Municipal Well #2 since March 2012 and the trace amounts of MTBE detected in the well do not appear to be associated with the release from the Laundry Basket site or increasing in magnitude. Based on the relatively reduced magnitude of chlorinated solvents in the source area and plume, the apparent stable nature of the plume and the limited risk to potable well sources in the area, MSA recommends that the site be considered for closure. Any additional investigation of contaminants found in the groundwater pumped from Luck Municipal Well #2 should be continued as a separate investigation and not associated with the Laundry Basket site.

Please contact Mark Davidson at (218) 499-3184 or [mdavidson@msa-ps.com](mailto:mdavidson@msa-ps.com) or Jeff Anderson at (218) 499-3175 or [jkanderson@msa-ps.com](mailto:jkanderson@msa-ps.com) if you have any questions or need any additional information.

Sincerely,

MSA Professional Services, Inc.



Mark G. Davidson, P.G.  
Senior Project Hydrogeologist



Jeffrey K. Anderson, P.E.  
Senior Project Manager/Team Leader



Erica Klingfus  
Environmental Scientist

EAK:MGD:JKA

Cc: Heidi Huser, Lois Baldwin Estate representative

Attachments

Attachment A.1                      Groundwater Analytical Table

Figures

Attachment B.1.b                      Site Map  
Attachments B.3.b.1-8                Groundwater Isoconcentration Maps

Appendices

Appendix A                              Monitoring Well Sampling Logs  
Appendix B                              Monitoring Well Contaminant Concentration Trend Graphs  
Appendix C                              Laboratory Analytical Reports

## **ATTACHMENTS**

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--	--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--	--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-1</b>																												
13-Apr-06	Q	PECFA	13000		260	500	2000	<3.2	1060	2400	<2.4	10		8.3	<4.4	91	<0.32	49	14	<27		220	91	<2.7	250	23	<3.1	
17-Aug-06	Q	PECFA	3700		41	100	150	<1.6	188	280	21	<1.4		<1.7	<2.2	74	<1.6	12	8.8	26		49	22	<1.3	570	30	<1.5	
13-Dec-06	*	PECFA	NA		20	22	<50	<10	13	20	<10	<10		<10	<10	220	<10	<10	<10	NA		<50	<10	<10	1400	100	<10	
2-May-07	Q	PECFA	NA		44	89	140	<3.2	108	200	<2.4	<2.8		<3.4	<4.4	120	<3.3	8.3	<2.9	<27		46	12	<2.7	1400	52	<3.1	
28-Jan-08		PECFA	1500		36	42	38	16	46	61												26						
23-Apr-08		PECFA	2000		52	39	61	27	55	107												32						
14-May-08	Q	DERF	NA		54	57	130	<1.9	80	160	<2.3	<2.2		<2.7	<5.0	260	<3.0	5.4	4.1	<45	<3.0	25	6	<3.8	3500	<3.7	<2.7	
27-Aug-08	Q	DERF	NA		49	64	100	<0.19	63	110	1.8	1.1		<0.27	<0.50	360	1.7	7.4	3.4	<4.5	<0.30	35	7.6	1.2	4800	130	<0.27	
24-Nov-08	Q	DERF	NA		40	42	86	<19	43	100	<23	<22		<27	<0.50	250	<30	<19	<21	<450	44	36	<22	<38	2900	140	<27	
14-Jul-09		DERF	NA		110	200	230	<19	211	380	<23	<22	<20	<27	<50	390	<30	19	<21	<450	<30	220	26	<38	4100	140	<27	
02-Jun-11	J	DERF	NA	NA	29	33	57	<20	23	73	<8.0	<10	<8.0	<20	<20	150	<20	<8.0	<8.0			<40	15	<20	<20	1700	28	<8.0
18-Nov-11	J B	DERF	NA	NA	59	35	86	<10	28	85	<4.0	<5.0	<4.0	<10	<10	520	<10	12	<4.0		<20	22	<10	<10	8400	340	<4.0	
13-Feb-12	J	DERF	NA	NA	200	150	470	<10	79	260	4.5	<5.0	<4.0	<10	<10	400	<10	25	<4.0		<20	89	22	<10	4000	180	<4.0	
15-May-12		DERF	NA	NA	151	75.2	177	<20.0	45.6	154	<20.0	<20.0	<20.0	<20.0	<20.0	259	<20.0	<20.0	<20.0	<80.0	<80.0	<80.0	<20.0	<20.0	1800	129	<8.0	
29-Aug-12		DERF	NA	NA	120	176	180	<20.0	169.8	334	<20.0	<20.0	<20.0	<20.0	<20.0	380	<20.0	21.3	<20.0	<80.0	<80.0	98.4	24.0	<20.0	2660	108	<8.0	
07-Jan-13		DERF	NA	NA	60	94.5	83.2	<20.0	75.6	196	<20.0	<20.0	<20.0	<20.0	<20.0	394	<20.0	<20.0	<20.0	<80.0	<80.0	<80.0	<20.0	<20.0	2200	122	<8.0	
31-Jul-13		DERF	NA	NA	120	120	253	<20.0	167.8	475	<20.0	<20.0	<20.0	<20.0	<20.0	777	<20.0	<20.0	<20.0	<100	<80.0	<80.0	<20.0	<20.0	4810	305	<8.0	
27-Oct-13		DERF	NA	NA	136	62.7	113	<20.0	92.5	175	<20.0	<20.0	<20.0	<20.0	<20.0	759	<20.0	<20.0	<20.0	<100	<80.0	<80.0	<20.0	<20.0	2210	216	<8.0	
26-Feb-14		DERF	NA	NA	146	148	576	<5.0	475	1360	<5.0	<5.0	<5.0	<5.0	<5.0	358	<5.0	14.8	7.2	<25.0	<20.0	26.8	17.9	<5.0	422	39.0	<2.0	
27-May-14	***	DERF	NA	NA	110	68.3	226	<5.0	158	456	<2.0	2.2	<2.0	<2.0	<2.0	171	<2.0	7.6	3.3	<10.0	<8.0	36.1	7.1	<2.0	141	10.0	<2.0	
11-Aug-14		DERF	NA	NA	151	72.4	155	<2.0	121	287	4.3	2.4	<2.0	<2.0	<2.0	256	<2.0	<2.0	<2.0	<10.0	<8.0	54.9	10.1	<2.0	168	15.5	<2.0	
16-Jul-15		DERF	NA	NA	125	117	145	<0.20	192	433	3.1	2.5	<0.18	<0.17	1.9	540	1.0	10.6	4.9	<2.5	<0.56	45.8	15.6	1.7	282	69.0	<0.15	
22-Oct-15	J	DERF	NA	NA	62.1	52.6	32.9	<0.87	129	199	3.8	<10.9	<0.90	<0.84	<2.1	247	<1.3	4.6	<2.5	<14.9	<1.2	30.1	6.4	<2.5	134	21.5	<0.88	
28-Jun-16		DERF	NA	NA	173	89.7	47.5	<0.047	151.4	219	3.1	2.5	<0.051	<0.072	<0.055	459	2.0	13.4	4.1	<1.1	<0.097	51	13.6	1.8	289	78.4	<0.084	
13-Sep-16	J	DERF	NA	NA	56.8	57.3	28	<0.15	58.1	106	1.6	1.4	<0.22	<0.17	1.4	461	3.0	6.5	1.7	<1.1	<0.29	16.70	8.7	1.2	831	174	0.24	
13-Dec-16	J	DERF	NA	NA	71	77	57.7	<0.74	102.7	214	1.8	1.4	<1.1	<0.85	<1.4	349	1.4	7.6	2.6	<5.5	3.3	33.1	9.8	1.8	1940	201	<0.34	
15-Mar-17	J	DERF	NA	NA	85.6	62.7	49.5	<0.74	97.2	186	2.2	2	1.1	<0.85	<1.4	340	<0.81	10.1	2.9	<5.5	<1.5	36.1	8.9	1.9	727	101	<0.34	
25-Jun-19		DERF	NA	NA	27.4	23.3	24.7	<0.16	331.3	418	20.5	4.2	0.23J	<0.22	<0.23J	114	<0.36J	7.5	9.8	<0.99	<0.98	36.7	12.8	0.88	36.2	11.1	<0.092	
4-Dec-19		DERF	NA	NA	60.7	85.4	59.4	<0.32	474	739	11.6	6.3	<0.30	<0.44	1.6	510	6.2	21	8.6	<2.0	<3.0	77.7	27.8	1.6	275	152	1.0	

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--			<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>	
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-2</b>																												
13-Apr-06	Q	PECFA	620		1.0	3.2	0.90	<0.32	7.9	15	<0.24	0.99		<0.34	<0.44	1.5	<0.33	7.2	0.51	<2.7		15	2.6	<0.27	<b>39</b>	2.4	<0.31	
17-Aug-06	Q	PECFA	1200		<0.31	1.8	7.1	<0.32	28.2	40	2.2	1.4		<0.34	<0.44	0.84	<10	13	1.1	<2.7		42	3.2	<0.27	<b>32</b>	2.7	<0.32	
13-Dec-06	*	PECFA	NA		1.8	<1.0	8.6	<1.0	10.1	16	2.2	1.9		<1.0	<1.0	2.7	<0.33	12	<1.0	NA		22	<1.0	<1.0	<b>51</b>	<b>6.4</b>	<1.0	
2-May-07	Q	PECFA	NA		<3.1	10	6.0	<3.2	14.5	34	1.3	1.5		<3.2	<0.44	<0.44	<0.33	11	1.6	<2.7		26	6.0	1.3	<b>51</b>	<b>6.6</b>	<0.31	
28-Jan-08		PECFA	<100		1.9	<0.5	<5.0	2.1	<2.0	0.51												<5.0						
23-Apr-08	*	PECFA	260		<b>7.2</b>	<0.16	2.2	9.6	0.44	1.16												2.1						
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	0.31	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<b>8.9</b>	0.38	<0.27	
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	0.46	<0.30	<0.19	<0.21	<4.5	0.33	1.3	<0.22	<0.38	0.97	0.43	<0.27	
24-Nov-08	Q	DERF	NA		<0.29	0.9	17	<0.19	21	45	1.2	0.99		<0.27	<0.5	0.38	<0.30	8.8	3.4	<4.5	<0.30	26	2.2	<0.38	2.1	<0.37		
14-Jul-09		DERF	NA		<0.29	7.1	2.5	<0.19	9.0	10		1.4	<0.20	<0.27	<0.50	<0.38	<0.30	12	2.5	<4.5	<0.30	19	6.3	<0.38	<b>11</b>	<0.37	<0.27	
02-Jun-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	2.1	0.21	<0.20	
18-Nov-11	J	DERF	NA	NA	0.27	<0.50	<0.05	<0.05	1.8	2.7	0.49	0.55	<0.20	<0.50	<0.50	<0.50	<0.50	3.1	<0.20		<1.0	9.0	<0.50	<0.50	3.8	0.70	<0.20	
13-Feb-12	J	DERF	NA	NA	0.66	1.1	<0.05	<0.05	0.47	0.95	0.58	0.68	<0.20	<0.50	<0.50	1.5	<0.50	4.2	<0.20		<1.0	0.62	1.2	<0.50	<b>8.3</b>	3.1	<0.20	
15-May-12		DERF	NA	NA	<1.0	13.5	2.2	<1.0	<1.0	3.6	<1.0	1.1	<1.0	<1.0	<1.0	1.7	<1.0	7.7	<1.0	<4.0	<4.0	15.5	3.4	<1.0	<b>21.2</b>	3.8	<0.40	
28-Aug-12		DERF	NA	NA	<1.0	7.5	<1.0	<1.0	<1.0	5.0	1.1	1.3	<1.0	<1.0	<1.0	<1.0	<1.0	7.3	<1.0	<4.0	<4.0	<4.0	1.5	<1.0	<b>16.7</b>	3.5	<0.40	
07-Jan-13		DERF	NA	NA	<1.0	<1.0	1.5	<1.0	10.4	12.1	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	7.0	<1.0	<4.0	<4.0	29.7	<1.0	<1.0	<b>1.8</b>	<1.0	<0.40	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>7.7</b>	1.0	<0.40	
28-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>6.7</b>	0.94	<0.40	
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>6.6</b>	0.91	<0.40	
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	4.2	0.43	<0.40	
16-Jul-15	J	DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	1.1	<0.21	0.18	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	2.9	0.77	<0.15	
22-Oct-15	J	DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	0.32	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	0.79	<0.33	<0.18	
28-Jun-16		DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	2.8	<0.051	<0.084	
13-Sep-16	J	DERF	NA	NA	<0.16	<0.15	0.33	<0.15	0.52	1.2	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	0.49	<0.19	<1.1	<0.29	0.45	<0.23	<0.29	0.73	<0.20	<0.15	
13-Dec-16	J	DERF	NA	NA	0.27	<0.15	0.3	<0.15	5.0	1.4	1.3	1.1	<0.22	<0.17	<0.28	3.8	<0.16	5.2	0.23	<1.1	<0.29	10.8	<0.23	<0.29	<b>6.2</b>	2.0	<0.069	
15-Mar-17	J	DERF	NA	NA	<0.16	<0.15	0.39	<0.15	<0.45	<0.32	0.31	0.34	<0.22	<0.17	<0.28	3.4	<0.16	1.1	<0.19	<1.1	<0.29	0.55	<0.23	<0.29	3.4	1.1	<0.069	
25-Jun-19		DERF	NA	NA	<0.10	0.31J	0.62	<0.16	1.2	<0.31	<0.24	0.17J	<0.15	<0.22	<0.16	1.7	<0.24	0.97	<0.15	<0.99	<0.98	<0.48	0.23J	<0.19	2.1	0.45J	<0.092	
4-Dec-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.21J	<0.15	<0.22	<0.16	1.2	<0.24	0.42J	<0.15	<0.99	<1.5	<1.6	0.13J	<0.19	3.4	0.68	<0.092	



	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-3</b>																											
13-Apr-06	Q	PECFA	<30		<0.31	<0.26	<0.32	<0.32	<0.76	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		3.3	<0.31	<0.27	4.4	<0.26	<0.31
17-Aug-06	Q	PECFA	<30		<0.31	<0.26	<0.32	<0.32	<0.76	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<10	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	4.3	<0.26	<0.32
13-Dec-06	*	PECFA	NA		<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	<1.0	<0.33	<1.0	<1.0	NA		<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-May-07	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		0.56	<0.31	<0.27	3.7	<0.26	<0.31
28-Jan-08		PECFA	<100		<0.5	<0.5	<5.0	<1.0	<2.0	<1.5												<5.0					
23-Apr-08	Q*	PECFA	<33		<0.16	<0.16	<1.6	<0.33	<0.66	<0.56												6.0					
14-May-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.31	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	1.9	<0.37	<0.27
27-Aug-08	Q	DERF	NA	6800	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	0.37	<0.22	<0.38	1.8	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	1.6	2.5	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	2.3	<0.22	<0.38	2.1	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	7.6	<0.20	<0.20
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	0.67	<0.20	<0.20
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	0.25	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	0.33	<0.50	<0.50	0.67	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	7.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	2.4	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	4.9	<0.40	<0.40
28-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	2.4	<0.40	<0.40
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	3.0	<0.40	<0.40
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	2.6	<0.40	<0.40
16-Jul-15	J	DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	2.7	<0.21	<0.17	<0.16	<2.5	<0.56	0.20	<0.21	<0.11	1.2	0.17	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	1.3	<0.051	<0.084
04-Dec-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	0.50	<0.15	<0.092

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--			5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-4</b>																												
13-Apr-06	Q	PECFA	37		<0.31	<0.26	<0.32	<0.32	0.63	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		2.9	<0.31	<0.27		4.2	<0.26	<0.31
17-Aug-06	Q	PECFA	140		<0.31	<0.26	<0.32	<0.32	0.51	<0.73	1.7	1.1		<0.34	<0.44	0.76	<10	0.50	1.0	<2.7		0.61	1.2	<0.27		40	0.88	<0.32
13-Dec-06	*	PECFA	NA		<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	<1.0	<0.33	<1.0	<1.0	NA		<5.0	<1.0	<1.0		9.9	<1.0	<1.0
2-May-07	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	0.88	<0.73	<0.24	1		<0.34	<0.44	<0.44	<0.33	0.38	<0.29	<2.7		<0.27	1.1	<0.27		23	0.33	<0.31
28-Jan-08		PECFA	<100		<0.5	<0.5	<5.0	<1.0	<2.0	<1.5												<5.0						
23-Apr-08	Q*	PECFA	36		<0.16	<0.16	<1.6	<0.33	0.50	<0.49												2.2						
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	2.0	<0.86	0.41	0.58		<0.27	<0.5	1.8	<0.30	<0.19	0.69	<4.5	<0.30	1.8	0.85	<0.38		64	1.5	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	0.76	0.96		<0.27	<0.5	<0.38	<0.30	0.37	0.32	<4.5	<0.30	0.87	0.84	<0.38		19	0.48	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	0.44	0.59		<0.27	<0.5	<0.38	<0.30	0.19	0.21	<4.5	1.5	0.67	0.47	<0.38		10	<0.37	<0.27
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.5	1.3	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38		39	1.1	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	0.38	<0.20	<0.27	<0.50	0.94	<0.30	<0.19	<0.21	<4.5	<0.30	1.3	0.36	<0.38		32	0.85	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	5.1	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50		43	1.1	<0.20
18-Nov-11	B	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50		5.3	<0.20	<0.20
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50		4.3	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0		16.5	<1.0	<0.40
29-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0		15.4	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0		1.8	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0		7.1	<0.40	<0.40
28-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0		7.8	<0.40	<0.40
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0		4.4	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0		3	<0.40	<0.40
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0		3.6	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11		1.3	<0.14	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056		1.7	<0.051	<0.084
25-Jun-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19		0.44	<0.15	<0.092
4-Dec-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19		0.35	<0.15	<0.092
<b>Dups</b>																												
14-Jul-09		DERF	NA	NA	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	1.0	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38		35	1.0	0.27
25-Jun-19		DERF	NA	NA	0.28	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	17.8	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19		74.9	17.1	0.092
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	17.8	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19		74.9	17.1	0.092

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--			<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-5</b>																											
13-Apr-06	Q	PECFA	8700		<b>15</b>	140	200	<6.3	299	630	10	9.2		<6.8	<b>&lt;8.8</b>	<b>71</b>	<6.5	29	14	<54		<b>120</b>	33	<5.4	<b>440</b>	<b>25</b>	<6.1
17-Aug-06	Q	PECFA	3000		<b>8.6</b>	28	37	<3.2	163	290	18	7.8		<3.4	<4.4	<b>85</b>	<3.3	19	20	56		<b>100</b>	15	<2.7	<b>1500</b>	<b>34</b>	<3.1
13-Dec-06	*	PECFA	NA		<b>&lt;20</b>	<20	<100	<20	<40	<60	<20	<20		<20	<20	<b>26</b>	<20	<20	<20	NA		<b>&lt;100</b>	<20	<20	<b>500</b>	<b>&lt;20</b>	<20
2-May-07	Q	PECFA	NA		3.0	9.5	18	<1.6	28.9	84	<1.2	<1.4		<1.6	<2.2	<b>74</b>	<1.6	3.4	<1.4	<13		15	2.6	<1.3	<b>560</b>	<b>24</b>	<1.5
28-Jan-08		PECFA	480		0.8	4.6	<5.0	<1.0	37.2	55												28					
23-Apr-08	Q*	PECFA	60000		<b>39</b>	<b>350</b>	160	24	<b>1210</b>	1030												<b>210</b>					
14-May-08	Q	DERF	NA		3.3	7.5	32	<0.19	56	97	2.8	<2.2		<2.7	<5.0	65	<3.0	3.0	4.1	<45	<3.0	19	3.2	<3.8	<b>290</b>	<b>19</b>	<2.7
27-Aug-08	Q	DERF	NA	6800	<b>21</b>	49	120	<3.9	363	430	19	10		5.5	<9.9	<b>73</b>	<6.0	20	41	<91	<5.9	74	24	<7.6	<b>310</b>	<7.4	<5.5
24-Nov-08	Q	DERF	NA		<1.4	1.5	3.3	<0.96	11.2	18	<1.1	<1.1	1.1	<1.4	<2.5	47	<1.5	1.2	1.4	<23	<b>8.9</b>	4.7	<1.1	<1.9	<b>410</b>	<1.8	<1.4
14-Jul-09		DERF	NA		<b>18</b>	17	77	<0.96	121	250	4.0	3.6	<0.98	<1.4	<2.5	<b>93</b>	<1.5	13	15	<23	<1.5	49	8.4	<1.9	<b>470</b>	<b>27</b>	<1.4
02-Jun-11	J	DERF	NA	NA	4.6	11	27	<2.0	63	120	4.8	2.4	<0.80	<2.0	<2.0	53	<2.0	7.4	2.8		<4.0	36	5.1	<2.0	<b>370</b>	<b>25</b>	<0.80
18-Nov-11	J	DERF	NA	NA	4.8	26	48	<2.5	337	490	18	7.7	<1.0	<2.5	<2.5	58	<2.5	14	17		<5.0	<b>100</b>	14	<2.5	<b>400</b>	<b>26</b>	<1.0
13-Feb-12	J	DERF	NA	NA	2.6	2.7	10	<2.0	66	79	<0.80	1.6	<0.80	<2.0	<2.0	<b>100</b>	<2.0	5.6	4.3		<4.0	29	2.5	<2.0	<b>470</b>	<b>33</b>	<0.80
15-May-12		DERF	NA	NA	<2.0	2.4	5.9	<2.0	41.0	56.1	<2.0	<2.0	<2.0	<2.0	<2.0	<b>50.9</b>	<2.0	4.0	2.2	<8.0	<8.0	18.5	<2.0	<2.0	<b>269</b>	<b>20.0</b>	<0.80
29-Aug-12		DERF	NA	NA	<b>10.5</b>	46.4	93.1	<2.0	499	790	8.7	10.4	<2.0	<2.0	<2.0	<b>117</b>	<2.0	18.6	27.0	<8.0	<8.0	73.3	16.8	2.2	<b>255</b>	<b>25.7</b>	<0.80
07-Jan-13		DERF	NA	NA	<1.0	2.2	2.8	<1.0	57.8	39.6	2.2	1.9	<1.0	<1.0	<1.0	<b>128</b>	<1.0	1.8	7.2	<4.0	<4.0	6.8	1.4	<1.0	<b>235</b>	<b>17.2</b>	<0.40
31-Jul-13		DERF	NA	NA	<b>5.5</b>	10.7	43.2	<2.0	233.0	216	5.5	6.1	<2.0	<2.0	<2.0	50.4	<2.0	5.0	31.9	156	<8.0	29.4	4.0	<2.0	<b>100</b>	<b>10.0</b>	<0.80
27-Oct-13		DERF	NA	NA	<1.0	8.8	14.5	<1.0	46.7	46.1	<1.0	<1.0	<1.0	<1.0	<1.0	39.9	<1.0	2.7	7.6	<5.0	<4.0	13.6	1.8	<1.0	<b>113</b>	<b>12.4</b>	<0.40
26-Feb-14		DERF	NA	NA	<1.0	4.9	8.0	<1.0	21.4	29.2	<1.0	<1.0	<1.0	<1.0	<1.0	23.6	<1.0	1.5	2.5	<5.0	<4.0	8.1	1.2	<1.0	<b>116</b>	<b>10.5</b>	<0.40
27-May-14	***	DERF	NA	NA	4.0	13.4	31.6	<1.0	172	195	<1.0	5.8	<1.0	<1.0	<1.0	52.8	<1.0	5.3	18.3	<5.0	<4.0	22.1	4.7	<1.0	<b>87.1</b>	<b>14.7</b>	<0.40
11-Aug-14	****	DERF	NA	NA	1.4	7.3	14.2	<1.0	92.9	83.0	4.7	3.9	<1.0	<1.0	<1.0	<b>71.6</b>	<1.0	3.4	11.9	<5.0	<4.0	16.8	<1.0	<1.0	<b>86.6</b>	<b>17.1</b>	<0.40
16-Jul-15	J	DERF	NA	NA	0.31	5.0	4.1	<0.20	18.2	19.4	0.53	0.58	<0.18	<0.17	<0.22	<b>95.4</b>	0.25	1.8	1.7	<2.5	<0.56	9.0	1.5	0.17	<b>72.4</b>	<b>15.0</b>	<0.15
22-Oct-15	J	DERF	NA	NA	<0.50	5.0	5.5	<0.17	17.1	18.0	1.1	<2.2	<0.18	<0.17	<0.41	<b>112</b>	0.39	1.5	1	<3.0	<0.23	7.3	1.3	<0.50	<b>64.6</b>	<b>10.5</b>	<0.18
28-Jun-16	B	DERF	NA	NA	2.8	19.4	34.0	<0.047	127.3	118	4.5	<0.094	<0.051	<0.072	<0.069	<b>260</b>	<0.15	4.7	20.2	17.7	<0.097	24.2	3.9	<0.056	<b>89.2</b>	<b>21.3</b>	<0.084
13-Sep-16	J	DERF	NA	NA	0.18	2.5	1.5	<0.15	26.0	17.7	0.94	0.90	<0.22	<0.17	<0.28	52.9	0.21	1.5	2.4	<1.1	<0.29	7.9	1.7	<0.29	<b>59</b>	<b>7.4</b>	<0.15
13-Dec-16	J	DERF	NA	NA	<0.16	4.0	2.2	<0.15	52.1	44.9	1.3	1.2	<0.22	<0.17	<0.28	63.9	0.25	1.8	5.3	<1.1	<0.29	10	1.6	<0.29	<b>56</b>	<b>7.8</b>	<0.069
15-Mar-17		DERF	NA	NA	<0.16	6.9	3.7	<0.15	36.0	31.4	1.4	1.4	<0.22	<0.17	<0.28	52.3	<0.16	2.9	4.1	<1.1	<0.29	10	3.1	<0.29	<b>92.1</b>	<b>10.5</b>	<0.069
25-Jun-19		DERF	NA	NA	1.6	21.1	27.9	<0.16	180.9	174	17.9	4.3	<0.15	<0.22	<0.16	57.4	0.47	6.9	17.0	<0.99	<0.98	38.4	6.1	0.66	<b>69.4</b>	<b>13.8</b>	<0.092
4-Dec-19	J	DERF	NA	NA	0.66	12.0	15.4	<0.16	341	214	7.8	8.6	0.91	<0.22	0.36	<b>78.4</b>	1.4	7.8	30.5	<0.99	<1.5	64.6	9.8	0.39	<b>35.0</b>	<b>22.4</b>	0.10

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--	--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--	--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-6</b>																												
28-Jan-08	Q	PECFA	NA		5.6	<0.22	<0.27	<0.19	<0.62	1.6	0.67	1.2		<0.27	<0.5	350	<0.3	4.9	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	1200	160	<0.27	
23-Apr-08		PECFA	310		2.2	<0.16	<1.6	5.7	<0.66	<0.49												<1.6						
14-May-08	Q	DERF	NA		4.6	<2.2	<2.7	<1.9	<0.62	<8.6	<2.3	<2.2		<2.7	<5.0	600	<3.0	<1.9	<2.1	<45	5.9	<0.17	<2.2	<3.8	1300	200	<0.27	
27-Aug-08	Q	DERF	NA		3.0	<0.22	<0.27	<0.19	<0.62	<0.86	0.45	0.78		<0.27	<0.50	520	0.62	2.9	0.38	<4.5	<0.30	0.37	<0.22	<0.38	1400	280	<0.27	
24-Nov-08	Q	DERF	NA		<5.8	<4.4	<5.4	<3.9	<12.3	<17	<4.5	<4.4	<3.9	<5.5	<9.9	520	<6.0	<3.8	<4.3	<91	40	4	<4.4	<7.6	1200	250	<5.5	
23-Apr-09		DERF	NA		<1.4	<1.1	<1.3	<0.96	<3.07	<4.3	<1.1	<1.1	<0.98	<1.4	<2.5	290	<1.5	<0.94	<1.1	<23	<1.5	<0.84	<1.1	<1.9	660	110	<1.4	
14-Jul-09		DERF	NA		<1.4	<1.1	<1.3	<0.96	1.2	<4.3	<1.1	<1.1	<0.98	<1.4	<2.5	130	<1.5	<0.94	<1.1	<23	<1.5	12	<1.1	<1.9	230	50	<1.4	
02-Jun-11		DERF	NA	NA	<2.0	<5.0	<5.0	<5.0	<0.20	<5.0	<2.0	<2.5	<2.0	<5.0	<5.0	190	<5.0	<2.0	<2.0		<10	<2.5	<5.0	<5.0	830	98	<2.0	
18-Nov-11	J	DERF	NA	NA	2.5	<5.0	<5.0	<5.0	<0.20	<5.0	<2.0	<2.5	<2.0	<5.0	<5.0	310	<5.0	<2.0	<2.0		<10	<2.5	<5.0	<5.0	1100	210	<2.0	
13-Feb-12		DERF	NA	NA	<4.0	<10	<10	<10	<4.0	<10	<4.0	<5.0	<4.0	<10	<10	420	<10	<4.0	<4.0		<20	<5.0	<10	<10	2000	220	<4.0	
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	307	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	1530	249	<0.40	
29-Aug-12		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	141	<2.0	<2.0	<2.0	<8.0	<8.0	<2.0	<2.0	<2.0	628	105	<0.80	
07-Jan-13		DERF	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	155	<5.0	<5.0	<5.0	<20.0	<20.0	<5.0	<5.0	<5.0	424	154	<2.0	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	141	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	211	90.4	<0.40	
27-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	137	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	196	83.7	<0.40	
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	186	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	174	69.4	<0.40	
27-May-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	<2.0	<2.0	<2.0	188	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	489	90.5	<0.80	
11-Aug-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<6.0	<2.0	<2.0	<2.0	<2.0	<2.0	156	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	309	98.6	<0.80	
16-Jul-15	J	DERF	NA	NA	0.88	<0.23	<0.13	<0.20	0.18	<0.60	0.47	0.81	<0.18	<0.17	<0.22	120	0.41	0.36	<0.16	<2.5	<0.56	1.6	<0.21	<0.11	193	89.1	<0.15	
22-Oct-15	J	DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	129	0.53	0.68	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	138	69.7	<0.18	
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	156	<0.15	1.1	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	124	51.7	<0.084	
13-Sep-16	J	DERF	NA	NA	0.90	<0.15	<0.14	<0.15	0.22	<0.32	0.63	0.93	<0.22	<0.17	<0.28	118	0.40	1.0	<0.19	<1.1	<0.29	1.0	<0.23	<0.29	121	39.4	<0.15	
12-Dec-16	J	DERF	NA	NA	0.29	<0.15	<0.14	<0.15	<0.45	<0.32	0.66	0.98	<0.22	<0.17	<0.28	106	0.35	0.84	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	161	88	<0.069	
15-Mar-17		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	50.1	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	54	17	<0.069	
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	0.39J	0.47J	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	4.6	0.65	<0.092	
4-Dec-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	0.29J	<0.24	<0.18	<0.15	<0.99	<0.15	<1.6	<0.10	<0.19	3.6	0.40J	<0.092	

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	-	-	-	-	0.5	140	200	12	96	1000	-	-	-	0.5	0.7	7	20	-	-	90	0.5	10	-	10	0.5	0.5	0.02
<b>MW-7</b>																											
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	0.96	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	6	1.1	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	1.8	<0.30	<0.19	<0.21	<4.5	0.31	<0.17	<0.22	<0.38	9	2.3	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.16	<0.19	<0.62	<0.86	<0.23	<0.22	<0.2	<0.27	<0.50	2.4	<0.30	<0.19	<0.21	<4.5	1.6	<0.17	<0.22	<0.38	13	3.5	<0.27
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	3.8	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	0.38	19	4.9	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	0.85	<0.30	<0.19	<0.21	<4.5	<0.30	0.66	<0.22	<0.38	5.3	1.1	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.51	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	3.7	1.2	<0.20
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	4.1	1.3	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	2.1	<1.0	<0.40
29-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	1.7	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	3.7	1.6	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	1.2	0.59	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
11-Aug-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	0.45	<0.40
16-Jul-15	J	DERF	NA	NA	0.91	<0.23	<0.13	<0.20	<0.16	<0.60	<0.21	<0.16	<0.18	<0.17	<0.22	0.44	<0.21	0.20	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	0.79	0.67	<0.15
22-Oct-15	J	DERF	NA	NA	0.78	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	0.21	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	0.58	0.36	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
13-Sep-16	J	DERF	NA	NA	0.92	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.15	<0.16	0.53	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	0.81	0.37	<0.15
12-Dec-16	J	DERF	NA	NA	0.39	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.51	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	0.58	0.56	<0.069
15-Mar-17	J	DERF	NA	NA	0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	2.3	1.4	<0.069
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.20	<0.18	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
<b>MW-8</b>																											
15-May-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	0.47	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	1.8	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	0.34	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethane	cis-1,2-Dichloroethane	trans-1,2-Dichloroethane	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--			5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-9</b>																											
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.19	<0.15	<0.092
<b>MW-10</b>																											
23-Apr-09		DERF	NA		0.48	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	0.32	<0.20	<0.27	<0.50	3.9	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<b>6.9</b>	1.5	<0.27
14-Jul-09		DERF	NA		0.32	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	0.52	<0.20	<0.27	<0.50	1.7	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	3.8	0.87	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	20.4	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>85.9</b>	<b>20.6</b>	<0.40
27-Oct-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.4	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<b>39.1</b>	<b>8.8</b>	<3.0
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<3.0
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	0.43	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	2.6	0.52	<0.15
22-Oct-15		DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	6.1	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	<b>20</b>	<b>6.0</b>	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	1.5	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	3.7	1.3	<0.084
13-Sep-16	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	0.98	<0.20	<0.15
12-Dec-16	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.73	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	1.9	0.50	<0.069
15-Mar-17		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	18	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	<b>39.3</b>	<b>11.40</b>	<0.069
27-Sep-18	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.17	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.17	<0.15	<0.24	<0.18	<0.15	<0.98	<0.99	<0.48	<0.10	<0.19	0.62	<0.15	<0.092
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
4-Dec-19					Unable to locate well under snowbank																						
<b>MW-11</b>																											
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.23	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	46	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<b>69</b>	<b>12</b>	<0.20
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.90	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
13-Feb-12		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	0.90	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.20	<0.18	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-12</b>																											
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
22-Oct-15		DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	<0.50	<0.33	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
25-Jun-19		DERF	NA	NA	<0.10	<0.14	0.20J	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
<b>MW-13</b>																											
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15
22-Oct-15		DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	<0.50	<0.33	<0.18
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
18-Apr-17																<0.50	<0.50								0.53	<0.40	
21-Jun-17																<0.50	<0.50									<0.50	<0.40
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
<b>MW-13D (St. Croix Hardwoods)</b>																											
18-Apr-17						13.5										4.2	<0.50								17.2	5.6	
21-Jun-17						0.88										6.4	<0.50									24.6	7.2
27-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	2.3	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	12.4	2.8	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	7.8	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	24.6	7.0	<0.092
25-Jun-19			NA	NA	0.19J	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	19.8	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	55.5	13.6	<0.092
4-Dec-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	38.9	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	75.8	22.3	<0.092
01-Dec-20		DERF	NA	NA	<0.12	<0.075	<0.12	<0.12	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	22.0	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	73.8	16.7	<0.099
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	15.4	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	69.6	15.2	<0.17
01-Jul-21		DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.14	7.2	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	47.4	10.3	<0.063
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	<0.337	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.333	4.05	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	35.6	6.68	<0.780
<b>MW-14</b>																											
28-Jun-16		DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
13-Sep-16		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	<0.25	<0.20	<0.15
12-Dec-16																											
15-Mar-17																											
26-Sep-18	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.54	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	2.0	<0.15	<0.092
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	1.3	0.28J	<0.092
14-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	1.0	<0.15	<0.092

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-15S (St. Croix Hardwoods)</b>																											
18-Apr-17																	<0.50	<0.50								2.7	0.42
21-Jun-17																	<0.50	<0.50								2.1	<0.40
21-Jun-17																	<0.50	<0.50								2.1	<0.40
27-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	1.4	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	1.5	<0.15	<0.092
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.66	<0.15	<0.092
4-Dec-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
<b>MW-15D (St. Croix Hardwoods)</b>																											
18-Apr-17																	4.7	<0.50								47.1	10.3
21-Jun-17																	5.9	<0.50								53.9	11.7
27-Sep-18		J	NA	NA	0.51	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.85	<0.15	0.46	<0.16	3.3	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	31.1	8.7	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	8.2	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	42.5	11.1	<0.092
25-Jun-19		J	NA	NA	0.32	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	19.2	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	80.1	16.9	<0.092
4-Dec-19		J	NA	NA	0.12	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	28.8	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	83.0	22.2	<0.092
01-Dec-20		J	DERF	NA	0.13	<0.075	<0.12	0.26	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	34.3	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	101	23.4	<0.099
03-Mar-21			DERF	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	27.2	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	85.3	20	<0.17
01-Jul-21		J	DERF	NA	0.15	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.14	27.8	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	86.6	21.5	<0.063
24-Sep-21			DERF	NA	0.195	<0.457	<0.927	<0.337	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	0.202	27.9	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	98.5	20.9	<0.780
<b>MW-16S (St. Croix Hardwoods)</b>																											
18-Apr-17																	3.7	<0.50								18	8.5
21-Jun-17																	2.0	<0.50								14	7.8
27-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	0.86	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	8.2	4.9	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	8.3	4.2	<0.092
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	0.78	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	4.0	2.8	<0.092
4-Dec-19		J	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	0.46	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	5.0	3.0	<0.092
<b>MW-16D (St. Croix Hardwoods)</b>																											
18-Apr-17																	17.3	1.5								7.8	45.3
21-Jun-17																	14.7	0.89								13.1	38.6
27-Sep-18		J	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	0.40	<0.16	11.5	1.8	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	4.6	38.7	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	12.6	1.6	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	9.4	42.7	<0.092
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	12.4	1.8	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	5.1	49.5	<0.092
4-Dec-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	12.9	1.7	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	7.2	42.8	<0.092



	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-17</b>																											
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	1.1	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.82	<0.15	<0.092
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.88	<0.15	<0.092
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	0.98	<0.15	<0.092
01-Dec-20	J	DERF	NA	NA	<0.12	<0.075	<0.12	<0.12	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	<0.20	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	0.52	<0.15	<0.099
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	0.63	<0.26	<0.17
01-Jul-21		DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.14	<0.17	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	0.70	<0.13	<0.063
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	<0.337	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.627	<0.420	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	0.952	<0.633	<0.780
<b>MW-17-40</b>																											
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
01-Dec-20		DERF	NA	NA	<0.12	<0.075	<0.12	<0.12	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	<0.20	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	<0.17	<0.15	<0.099
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	<0.33	<0.26	<0.17
01-Jul-21		DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.14	<0.17	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	<0.10	<0.13	<0.063
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	<0.337	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.627	<0.420	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	<1.00	<0.633	<0.780
<b>MW-17-70</b>																											
26-Sep-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
01-Dec-20		DERF	NA	NA	<0.12	<0.075	<0.12	<0.12	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	<0.20	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	<0.17	<0.15	<0.099
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	<0.33	<0.26	<0.17
01-Jul-21		DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.14	<0.17	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	<0.10	<0.13	<0.063
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	<0.337	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.627	<0.420	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	<1.00	<0.633	<0.780
<b>MW-6 (Luck Telephone)</b>																											
20-Sep-16																	<0.17									<0.50	<0.33
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	<0.33	<0.26	<0.17

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>MW-6-30 (Luck Telephone)</b>																											
20-Sep-16																	<0.17									0.56	<0.33
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.84	<0.15	<0.22	<0.16	0.30	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.88	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	1.1	<0.15	<0.092
25-Jun-19	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.41J	<0.15	<0.22	<0.16	0.34	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.58	<0.15	<0.092
4-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.51	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
01-Dec-20	J	DERF	NA	NA	<0.12	<0.075	<0.12	<0.12	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	0.46	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	0.51	<0.15	<0.099
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	<0.33	<0.26	<0.17
01-Jul-21		DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.12	<0.14	<0.17	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	<0.10	<0.13	<0.063
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	<0.337	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.333	<0.420	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	0.698	<0.633	<0.780
<b>MW-6-50 (Luck Telephone)</b>																											
20-Sep-16																	<0.17									1.2	<0.33
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.95	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	1.2	<0.15	<0.092
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	0.85	<0.15	<0.092
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	0.92	<0.15	<0.092
01-Dec-20		DERF	NA	NA	<0.12	<0.075	<0.12	<0.12	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	<0.20	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	0.67	<0.15	<0.099
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	0.49	<0.26	<0.17
07-Jul-21		DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.12	<0.16	<0.13	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	0.61	<0.13	<0.063
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	0.215	<1.417	<0.580	<0.523	0.407	<0.423	<0.273	<0.333	0.200	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	0.398	<0.633	<0.780
<b>MW-7 (Luck Telephone)</b>																											
20-Sep-16																	<0.17									<0.50	<0.33
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092
<b>MW-7-30 (Luck Telephone)</b>																											
20-Sep-16																	<0.17									<0.50	<0.33
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.30	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	1.4	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-7-50 (Luck Telephone)</b>																												
20-Sep-16																0.94									<0.50	<0.33		
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	0.39	<0.32	<0.31	<0.24	<0.15	<0.15	0.67	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092	
11-Dec-18					UNABLE TO LOCATE - NOT SAMPLED																							
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	0.24	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092	
4-Dec-19					UNABLE TO LOCATE - NOT SAMPLED																							
<b>MW-10 (Luck Telephone)</b>																												
20-Sep-16																<0.17									<0.50	<0.33		
26-Sep-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092	
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092	
25-Jun-19			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	<0.17	<0.15	<0.092	
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092	
<b>MW-10-30 (Luck Telephone)</b>																												
20-Sep-16																0.61									1.5	0.41		
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	2.7	0.36	<0.092	
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	3.7	0.65	<0.092	
25-Jun-19	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	0.42	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	2.6	0.37	<0.092	
04-Dec-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	2.7	0.21	<0.092	
01-Dec-20	J	DERF	NA	NA	<0.12	<0.075	<0.12	0.26	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	<0.20	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	2.7	0.31	<0.099	
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	2.2	0.4	<0.17	
01-Jul-21	J	DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.10	0.46	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	2.2	<0.13	<0.063	
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	0.159	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.333	0.640	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	3.18	0.343	<0.780	
<b>MW-10-50 (Luck Telephone)</b>																												
20-Sep-16																0.94									2.9	<0.33		
26-Sep-18	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	0.52	<0.16	<0.15	<0.12	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	3.1	0.4	<0.092	
11-Dec-18			NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	3.9	0.58	<0.092	
25-Jun-19	J		NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	3.5	0.37	<0.092	
04-Dec-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	3.2	0.34	<0.092	
01-Dec-20	J	DERF	NA	NA	<0.12	<0.075	<0.12	<0.12	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	<0.20	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	3.2	0.28	<0.099	
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	3.4	0.37	<0.17	
01-Jul-21		DERF	NA	NA	<0.12	<0.069	<0.11	<0.18	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.14	<0.17	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	3.1	<0.13	<0.063	
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	0.115	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.333	<0.420	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	3.54	0.298	<0.780	

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--			5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>PZ-1</b>																											
13-Apr-06	Q	PECFA	330		<0.31	1.6	<3.2	<0.32	10.0	3.4	0.52	<0.28		<0.34	<0.44	0.96	<0.33	0.74	0.79	<2.7		18	1.1	<0.27	3.3	<0.26	<0.31
17-Aug-06	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<10	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	<0.43	<0.26	<0.32
13-Dec-06	*	PECFA	NA		<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	<1.0	<0.33	<1.0	<1.0	NA		<5.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-May-07	Q	PECFA	NA		<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	<0.43	<0.26	<0.31
28-Jan-08		PECFA	<100		<0.5	<0.5	<5.0	<1.0	<2.0	<1.5												<5.0					
23-Apr-08		PECFA	<33		<0.16	<0.16	<1.6	<0.33	<0.66	<0.49												<1.6					
14-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	2.3	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
27-Aug-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	0.32	<0.37	<0.27
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.2	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	0.4	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
18-Nov-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
13-Feb-12		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40
16-Jul-15	J	DERF	NA	NA	<0.21	0.52	0.63	<0.20	3.3	2.4	0.12	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	0.24	<0.21	<0.11	<0.19	<0.14	<0.15
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	1.3	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084
Well Abandoned																											
<b>Dups</b>																											
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	0.27
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	3.4	0.37J	<0.092
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	0.16J	<0.15	<0.22	<0.16	1.1	<0.24	0.38J	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	3.9	0.83	<0.092
04-Dec-19		DERF	NA	NA	61.5	74.2	53.6	<0.16	317.9	502	8.0	5.0	0.28J	<0.22	1.4	654	6.2	19.2	5.6	<0.99	<1.5	56.5	20.5	1.5	360	157	1.1
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	92.5	21	28.5

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--			5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>PZ-6</b>																												
15-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	0.44	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	2.4	<0.17	<0.22	<0.38	0.59	<0.37	<0.27	
27-Aug-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.5	<0.38	<0.30	<0.19	<0.21	<4.5	0.42	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<4.0	<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20	
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.20	<0.11	<0.19	<0.14	<0.15	
28-Jun-16	B	DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	<0.13	<0.051	<0.084	
04-Dec-19	J	DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	0.25J	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.31	
<b>PZ-7</b>																												
15-May-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.31	<0.31	<0.38	<0.30	<0.19	<0.21	<4.5	2.3	<0.17	<0.22	<0.38	1.4	<0.37	<0.27	
27-Aug-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	2.2	<0.37	<0.27	
24-Nov-08	Q	DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	0.51	<0.17	<0.22	<0.38	2.2	<0.37	<0.27	
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	1.8	<0.37	<0.27	
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20	
18-Nov-11	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	0.71	<0.20	<0.20	
13-Feb-12	J	DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.20	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	0.71	<0.20	<0.20	
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
28-Aug-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
07-Jan-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.40
16-Jul-15	J	DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	0.26	<0.21	<0.17	<0.16	12.4	<0.56	<0.14	<0.21	<0.11	0.38	<0.14	<0.15	
25-Jun-19		DERF	NA	NA	0.23J	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	12.0	<0.24	0.60J	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	3.4	0.85	<0.092	
04-Dec-19	J	DERF	NA	NA	0.27J	0.15J	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	8.2	<0.24	0.21J	<0.15	<0.99	<1.5	<1.6	0.11J	<0.19	2.4	0.50J	<0.092	

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--		--		5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--		--		0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>PZ-8</b>																												
15-May-08	Q	DERF			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.31	<0.38	<0.30	<0.19	<0.21	<4.5	2.3	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
27-Aug-08		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22		<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
24-Nov-08		DERF			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.2	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	0.5	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	23.3	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15	
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092	
<b>PZ-9</b>																												
23-Apr-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	0.28	<0.22	<0.38	<0.29	<0.37	<0.27	
14-Jul-09		DERF	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20		<1.0	<0.25	<0.50	<0.50	<0.50	<0.20	<0.20	
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40
27-May-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	<0.40	<0.40
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	<0.19	<0.14	<0.15	
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	<0.15	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	<0.17	<0.15	<0.092	
<b>MW-2 Equity</b>																												
<i>Cooper / Tetra Tech Sampling Dates</i>																												
May-05	NP				ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	25	2.17	NP	NP	NP		NP	NP	NP	156	12.2	NP	
Aug-05	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	NA	NA	NP	NP	NP		NP	NP	NP	NA	NA	NP	
Nov-05	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	4.88	<0.4	NP	NP	NP		NP	NP	NP	107	4.79	NP	
Feb-06	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	7.03	<0.3	NP	NP	NP		NP	NP	NP	76.7	5.86	NP	
May-06	NP				<0.3	<0.5	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	2.53	<0.3	NP	NP	NP		NP	NP	NP	38.4	2.64	NP	
<i>MSA Sampling Dates</i>																												
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*	PECFA			<1.0	<1.0	<5.0	<1.0	<2.0	<3.0	<1.0	<1.0		<1.0	<1.0	7.5	<1.0	<1.0	<1.0	NA		<5.0	<1.0	<1.0	63	7.7	<1.0	
2-May-07	Q	PECFA			<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28		<0.34	<0.44	<0.44	<0.33	<0.31	<0.29	<2.7		<0.27	<0.31	<0.27	20	1.8	<0.31	
					Well Abandoned																							

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride					
ES	--	--			5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2					
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02					
<b>MW-3A Equity</b>																																
<i>Cooper / Tetra Tech Sampling Dates</i>																																
May-05	NP				12	31.6	ND	ND	623	133.01	ND	26		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Aug-05	NP				0.687	7.04	1.7	<0.3	88.6	27.94	NA	NA		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	
Nov-05	NP				<0.3	5.59	<0.3	<0.3	46.7	24.32	23.5	3.65		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Feb-06	NP				3.1	6.61	<0.3	<0.3	53.6	26.72	16.2	7.04		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
May-06	NP				1.47	4.06	<0.3	<0.3	29.31	16.72	6.64	3.56		NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
<i>MSA Sampling Dates</i>																																
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*				<1.0	4.4	<5.0	<1/0	58	18.3	4.2	2.1		<1.0	<1.0	<1.0	<1.0	5.5	1.2	<1.0		8.4	17	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	
2-May-07	Q				<0.31	2.3	<0.32	<0.32	65	11	3.4	<0.28		<0.34	<0.44	<0.44	<0.33	3.6	<0.29	<2.7		5.6	14	<0.27	<0.43	<0.26	<0.31	<0.31	<0.31	<0.31	<0.31	
Well Abandoned																																
<b>MW-4A Equity</b>																																
<i>Cooper / Tetra Tech Sampling Dates</i>																																
May-05	NP				2.4	0.762	0.461	NA	5.59	1.98	4.9	3.4		NP	NP	9.14	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Aug-05	NP				7.02	15.2	1.99	<0.3	17.84	12.81	NA	NA		NP	NP	NA	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Nov-05	NP				23	43.1	1.85	<0.3	24.74	13.43	19.3	3.45		NP	NP	1.11	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
Feb-06	NP				NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
May-06	NP				<0.3	2.81	<0.3	<0.3	<0.4	2.25	<0.3	<0.4		NP	NP	<0.4	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP
<i>MSA Sampling Dates</i>																																
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*	PECFA			24	47	<5.0	<1.0	5.2	9.1	7.7	4.4		<1.0	<1.0	<1.0	<1.0	22	1.4	NA		12	39	<1.0	13	6.9	<1.0	<1.0	<1.0	<1.0	<1.0	
2-May-07	Q	PECFA			3.6	36.0	2.1	<0.32	45.8	38	6.8	1.0		<0.34	<0.44	<0.44	<0.33	5.6	0.81	<2.7		8.3	18	<0.27	<0.43	<0.26	<0.31	<0.31	<0.31	<0.31	<0.31	
Well Abandoned																																

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02

**MW-5 Equity**

Cooper / Tetra Tech Sampling Dates																												
May-05	NP				0.862	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	0.679	ND	NP
Aug-05	NP				1.63	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NA	ND	NP
Nov-05	NP				3.45	0.54	<0.3	<0.3	<0.4	0.48	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	18.5	1.98	NP
Feb-06	NP				<0.3	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	9.88	<0.5	NP
May-06	NP				1.57	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	5.15	0.7	NP

MSA Sampling Dates																													
13-Apr-06					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-May-07					NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
23-Apr-09	DERF	NA			0.51	14	3.1	<0.19	8.0	6.5	0.50	0.34	<0.20	<0.27	<0.50	<0.38	<0.30	1.3	<0.21	<4.5	<0.30	4.0	2.3	<0.38	4.5	<0.37	<0.27	<0.27	
14-Jul-09	DERF	NA			<0.29	2.4	1.8	<0.19	6.48	7.6	0.46	0.31	<0.20	<0.27	<0.50	<0.38	<0.30	1.1	<0.21	<4.5	<0.30	2.0	0.40	<0.38	7.2	<0.37	<0.27	<0.27	
31-Jul-13	DERF	NA	NA		2.1	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	4.0	<1.0	<1.0	9.7	<0.40	<0.40	<0.40	
28-Oct-13	**	DERF	NA	NA	10.9	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	25.3	<0.40	<0.40	<0.40	
27-May-14	DERF	NA	NA		<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	e	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	5.9	<0.40	<0.40	<0.40	
11-Aug-14	****	DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	25.1	<0.40	<0.40	<0.40	
16-Jul-15	DERF	NA	NA		<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	<0.25	<0.21	<0.17	<0.16	<2.5	<0.56	<0.14	<0.21	<0.11	5.9	<0.14	<0.15	<0.15	
22-Oct-15	DERF	NA	NA		<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	<0.26	<0.26	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	7.1	<0.33	<0.18	<0.18	
28-Jun-16	DERF	NA	NA		<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	<0.12	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	11.5	<0.051	<0.084	<0.084	
13-Sep-16	DERF	NA	NA		<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	11.7	<0.20	<0.15	<0.15	
12-Dec-16	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	0.18	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	27.1	0.5	<0.069	<0.069	
15-Mar-17	J	DERF	NA	NA	<0.16	<0.15	0.17	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	<0.12	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	21.6	0.9	<0.069	<0.069	
25-Jun-19	DERF	NA	NA		10.0	0.52	0.30	<0.16	<0.32	<0.31	1.4	0.83	<0.15	<0.22	<0.16	<0.15	<0.18	3.6	<0.15	<0.99	<0.16	<0.48	0.72	<0.19	0.51J	<0.15	<0.092	<0.092	
4-Dec-19	J	DERF	NA	NA	35.1	17.4	14.1	<0.16	18.48	22.5	2.6	1.6	<0.15	<0.22	<0.16	<0.15	<0.24	10.3	<0.15	<0.99	<1.5	3.8J	5.2	<0.19	0.62	<0.15	<0.092	<0.092	

**MW-6 Equity**

Cooper / Tetra Tech Sampling Dates																													
May-05	NP				ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	2.87	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	55.2	1.1	NP
Aug-05	NP				<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP	NP	NP	NA	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NA	NA	NP
Nov-05	NP				<0.3	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP	NP	NP	29.6	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	239	14.6	NP
Feb-06	NP				<1.5	<2.5	<1.5	<1.5	<2	<3	NP	NP	NP	NP	13.7	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	169	8.9	NP
May-06	NP				<0.3	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP	NP	NP	2.62	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	NP	35.3	1.69	NP
Well Abandoned																													



	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride		
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2		
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02		
<b>MW-7 Equity</b>																													
<i>Cooper / Tetra Tech Sampling Dates</i>																													
May-05	NP	NA	NA	NA	ND	ND	ND	ND	ND	ND	NP	NP	NP	NP	NP	35.2	0.661	NP	NP	NP	NP	NP	NP	NP	NP	127	8	NP	
Aug-05	NP	NA	NA	NA	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP	NP	NP	NP	NA	NA	NP	NP	NP	NP	NP	NP	NP	NP	NA	NA	NP	
Nov-05	NP	NA	NA	NA	0.89	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP	NP	NP	NP	358	2.13	NP	NP	NP	NP	NP	NP	NP	NP	282	106	NP	
Feb-06	NP	NA	NA	NA	<3.1	<5	<3	<3	<4	<6	NP	NP	NP	NP	NP	558	4.83	NP	NP	NP	NP	NP	NP	NP	NP	416	216	NP	
May-06	NP	NA	NA	NA	<15	<25	<15	<15	<20	<31	NP	NP	NP	NP	NP	1160	<19	NP	NP	NP	NP	NP	NP	NP	NP	1100	484	NP	
<i>MSA Sampling Dates</i>																													
13-Apr-06		PECFA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17-Aug-06		PECFA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
13-Dec-06	*	PECFA	NA	NA	<10	<10	<50	<10	<20	<30	<10	<10	<10	<10	750	<10	<10	<10	NA	<50	<10	<10	<10	<10	<10	740	290	<10	
2-May-07	Q	PECFA	NA	NA	<0.31	<0.26	<0.32	<0.32	<0.51	<0.73	<0.24	<0.28	<0.34	4.9	810	2.2	<0.31	<0.29	<2.7	<0.27	<0.31	<0.27	<0.27	<0.27	<0.27	980	300	1.0	
14-May-08	Q	DERF	NA	NA	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.23	<0.27	1.8	500	1.3	<0.19	<0.21	<4.5	2.2	<0.17	<0.22	<0.38	<0.38	<0.38	390	87	<0.27	
27-Aug-08	Q	DERF	NA	NA	<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.27	<0.50	110	<0.30	<0.19	<0.21	<4.5	0.39	<0.17	<0.22	<0.38	<0.38	<0.38	100	21	<0.27	
24-Nov-08	Q	DERF	NA	NA	<0.29	<1.1	<1.3	<0.96	1.0	<4.3	<1.1	<1.1	<0.98	<1.4	2.5	500	<1.5	<0.94	<1.1	<2.3	3.2	0.99	<1.1	<1.9	<1.9	300	72	<4.3	
23-Apr-09		DERF	NA	NA	<2.9	<2.2	<2.7	<1.9	<0.62	<8.6	<2.3	<2.2	<2.0	<2.7	9.0	1400	<3.0	<1.9	<2.1	<4.5	<3.0	<1.7	<2.2	<3.8	<3.8	760	310	<2.7	
14-Jul-09		DERF	NA	NA	<2.9	<2.2	<2.7	<1.9	<6.2	<8.6	<2.3	<2.2	<2.0	<2.7	<5.0	780	<3.0	<1.9	<2.1	<4.5	<3.0	<1.7	<2.2	<3.8	<3.8	660	180	<2.7	
02-Jun-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	<1.0	<0.25	<0.50	<0.50	<0.50	<0.50	<0.50	<0.20	<0.20	
18-Nov-11		DERF	NA	NA	<0.20	<0.50	<0.50	<0.50	<0.02	<0.50	<0.20	<0.25	<0.20	<0.50	6.1	830	3.0	<0.20	<0.20	<1.0	<0.25	<0.50	<0.50	<0.50	<0.50	160	92	2.0	
13-Feb-12		DERF	NA	NA	<1.6	<4.0	<4.0	<4.0	<1.6	<4.0	<1.6	<2.0	<1.6	<4.0	<4.0	670	<4.0	<1.6	<1.6	<8.0	<2.0	<4.0	<4.0	<4.0	<4.0	480	290	<1.6	
15-May-12		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.3	353	2.0	<1.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	422	212	0.45	
29-Aug-12		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	220	<2.0	<2.0	<2.0	<8.0	<8.0	<2.0	<2.0	<2.0	<2.0	242	73.6	<0.80	
07-Jan-13		DERF	NA	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	250	<5.0	<5.0	<5.0	<20.0	<20.0	<5.0	<5.0	<5.0	<5.0	402	232	<2.0		
31-Jul-13		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	182	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	165	62.3	<0.40	
27-Oct-13		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	298	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	<2.0	<2.0	116	61.2	<0.80	
26-Feb-14		DERF	NA	NA	<1.0	<1.0	<1.0	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	42.9	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<4.0	<1.0	<1.0	<1.0	63.3	22.6	<0.40	
27-May-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	113	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	<2.0	<2.0	128	37.1	<0.80	
11-Aug-14		DERF	NA	NA	<2.0	<2.0	<2.0	<2.0	<4.0	<6.0	<2.0	<2.0	<2.0	<2.0	254	<2.0	<2.0	<2.0	<10.0	<8.0	<8.0	<2.0	<2.0	<2.0	<2.0	147	49.6	<0.80	
16-Jul-15		DERF	NA	NA	<0.21	<0.23	<0.13	<0.20	<0.16	<0.60	<0.083	<0.16	<0.18	<0.17	<0.22	45.9	<0.21	0.24	<0.16	<2.5	<0.56	0.34	<0.21	<0.11	20.3	10.6	<0.15		
22-Oct-15	J	DERF	NA	NA	<0.50	<0.50	<0.50	<0.17	<0.50	<0.50	<0.50	<2.2	<0.18	<0.17	<0.41	137	0.38	<0.14	<0.50	<3.0	<0.23	<2.5	<0.50	<0.50	29.0	21.9	0.20		
28-Jun-16		DERF	NA	NA	<0.042	<0.075	<0.059	<0.047	<0.11	<0.15	<0.16	<0.094	<0.051	<0.072	<0.069	2.8	<0.15	<0.064	<0.064	<1.1	<0.097	<0.064	<0.049	<0.056	6.1	2.2	<0.084		
13-Sep-16		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	<0.28	2.0	<0.16	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	3.9	0.91	<0.15		
12-Dec-16		DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	<0.19	<0.22	<0.17	0.44	94.5	0.64	<0.25	<0.19	<1.1	<0.29	<0.20	<0.23	<0.29	40.8	28.4	0.13		
15-Mar-17	J	DERF	NA	NA	<0.16	<0.15	<0.14	<0.15	<0.45	<0.32	<0.16	0.67	<0.22	<0.17	0.44	8	<0.16	<0.25	<0.19	<1.1	<0.29	0.34	<0.23	<0.29	7.7	4.6	<0.069		
25-Jun-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	<0.22	<0.16	0.81	<0.24	<0.18	<0.15	<0.99	<0.98	<0.48	<0.10	<0.19	2.9	0.57	<0.092		
04-Dec-19		DERF	NA	NA	<0.10	<0.14	<0.083	<0.16	<0.32	<0.31	<0.24	<0.15	<0.15	0.25J	<0.16	0.20J	<0.24	<0.18	<0.15	<0.99	<1.5	<1.6	<0.10	<0.19	6.0	0.72	<0.31		

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride	
ES	--	--	--	--	5	700	1000	60	480	10000	--	--	--	5	7	70	100	--	--	460	5	100	--	100	5	5	0.2	
PAL	--	--	--	--	0.5	140	200	12	96	1000	--	--	--	0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02	
<b>MW-8 Equity</b>																												
23-Apr-09	DERF	NA			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	0.42	<0.37	<2.7	
14-Jul-09	DERF	NA			<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	1.0	<0.22	<0.38	0.87	<0.37	<0.27	
31-Jul-13	DERF	NA	NA		<1.0	<1.0	8.3	<1.0	<2.0	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<4.0	<4.0	<1.0	<1.0	<1.0	<0.40	<0.40	
Well unable to be located																												
<b>PZ-1 Equity</b>																												
<i>Cooper / Tetra Tech Sampling Dates</i>																												
May-05	NP	NA			ND	ND	ND	ND	ND	ND	NP	NP		NP	NP	8.15	NP	NP	NP	NP		NP	NP	NP	NP	129	3.59	NP
Aug-05	NP	NA			<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	NP	NP		NP	NP	NA	NP	NP	NP	NP		NP	NP	NP	NP	NA	NA	NP
Nov-05	NP	NA			<0.3	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP		NP	NP	<0.4	NP	NP	NP	NP		NP	NP	NP	NP	18.5	<0.5	NP
Feb-06	NP	NA			<0.3	<0.5	<0.3	<0.3	<0.4	<0.6	NP	NP		NP	NP	<0.4	NP	NP	NP	NP		NP	NP	NP	NP	10	<0.5	NP
May-06	NP	NA			<0.3	<0.5	<0.3	<0.3	<0.4	<0.3	NP	NP		NP	NP	<0.4	NP	NP	NP	NP		NP	NP	NP	NP	7.35	<0.5	NP
Well Abandoned																												
<b>Seaton Sump</b>																												
23-Apr-09	DERF	NA	NA		<0.29	<0.22	<0.27	<0.19	<0.62	<0.86	<0.23	<0.22	<0.20	<0.27	<0.50	<0.38	<0.30	<0.19	<0.21	<4.5	<0.30	<0.17	<0.22	<0.38	<0.29	<0.37	<0.27	
05-Oct-17	DERF	NA	NA		<0.34	<0.14	<0.17	<0.40	<0.32	<0.24	<0.13	<0.12	<0.15	<0.32	<0.18	<0.20	<0.21	<0.17	<0.14	<2.4	<1.2	<0.42	<0.15	<0.14	<0.16	<0.18	<0.096	

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBS	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-Isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--			5	700	1000	60	480	10000	--	--		5	7	70	100	--	--	460	5	100	--	100	5	5	0.2
PAL	--	--			0.5	140	200	12	96	1000	--	--		0.5	0.7	7	20	--	--	90	0.5	10	--	10	0.5	0.5	0.02
<b>Municipal Well #2</b>																											
<i>Sampled by City of Luck</i>																											
25-Aug-93			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	0.9	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
28-Jan-97			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	0.3	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
15-Mar-99			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	0.3	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
25-Mar-02			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	0.39	<0.2	<0.1	<0.1	NA	NA	NA	NA	NA	NA	<0.2	<0.2	<0.1	<0.2
13-Feb-06	J		NA	NA	<0.18	<0.18	<0.21	NA	NA	<0.48	NA	NA	NA	0.31	<0.18	<0.15	<0.17	NA	NA	NA	NA	NA	NA	<0.18	<0.2	<0.2	<0.15
12-Mar-07	J		NA	NA	<0.19	<0.15	<0.16	2.9	NA	<0.5	NA	NA	NA	0.3	<0.18	<0.16	<0.15	NA	NA	NA	NA	NA	NA	<0.2	<0.1	<0.14	<0.2
30-Apr-08	J		NA	NA	<0.19	<0.15	<0.16	2.1	NA	<0.5	NA	NA	NA	0.28	<0.18	<0.16	<0.15	NA	NA	NA	NA	NA	NA	<0.2	<0.1	<0.14	<0.2
25-Sep-09	J		NA	NA	<0.24	<0.24	<0.12	1.5	NA	<0.63	NA	NA	NA	0.2	<0.18	<0.1	<0.28	NA	NA	NA	NA	NA	NA	<0.11	<0.2	<0.25	<0.19
07-Sep-10	J		NA	NA	<0.12	<0.11	<0.11	1.6	NA	<0.33	NA	NA	NA	0.21	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
20-Jun-11	J		NA	NA	<0.12	<0.11	<0.11	0.88	NA	<0.33	NA	NA	NA	0.18	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
19-Mar-12	J		NA	NA	<0.12	<0.11	<0.11	1.2	NA	<0.33	NA	NA	NA	0.22	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
12-Nov-13	J		NA	NA	<0.17	<0.15	<0.14	0.77	NA	<0.53	NA	NA	NA	<0.23	<0.21	<0.13	<0.16	NA	NA	NA	<0.14	NA	NA	<0.2	<0.18	<0.19	<0.19
03-Sep-14			NA	NA	<0.22	<0.19	<0.18	0.69	NA	<0.53	NA	NA	NA	<0.16	<0.21	<0.19	<0.14	NA	NA	NA	<0.16	NA	NA	<0.17	<0.18	<0.11	<0.18
04-Aug-15			NA	NA	<0.14	<0.12	<0.11	0.51	NA	<0.35	NA	NA	NA	<0.16	<0.17	<0.16	<0.18	NA	NA	NA	<0.2	NA	NA	<0.11	<0.13	<0.19	<0.1
14-Sep-16			NA	NA	<0.19	<0.18	<0.21	0.87	NA	<0.48	NA	NA	NA	<0.17	<0.21	<0.2	<0.16	NA	NA	NA	<0.15	NA	NA	<0.17	<0.19	<0.18	<0.17
09-Aug-17	J		NA	NA	<0.23	<0.22	<0.22	0.75	NA	<0.68	NA	NA	NA	<0.25	<0.25	<0.3	<0.47	NA	NA	NA	<0.23	NA	NA	<0.21	<0.28	<0.3	<0.2
07-Aug-18	J		NA	NA	<0.23	<0.22	<0.22	0.61	NA	<0.68	NA	NA	NA	<0.25	<0.25	<0.3	<0.47	NA	NA	NA	<0.23	NA	NA	<0.21	<0.28	<0.3	<0.2
<i>Sampled by MSA</i>																											
01-Dec-20		DERF	NA	NA	<0.12	<0.075	<0.12	0.40	<0.29	<0.29	<0.16	<0.15	<0.13	<0.25	<0.17	<0.20	<0.19	<0.13	<0.18	<0.88	<1.1	<0.68	<0.18	<0.11	<0.17	<0.15	<0.099
03-Mar-21		DERF	NA	NA	<0.25	<0.32	<0.27	<1.2	<1.71	<0.73	<0.71	<0.85	<0.30	<0.28	<0.24	<0.27	<0.46	<1.7	<0.80	NA	<0.58	<1.2	<0.81	<3.0	<0.33	<0.26	<0.17
01-Jul-21	J	DERF	NA	NA	<0.12	<0.069	<0.11	0.34	<0.216	<0.18	<0.052	<0.14	<0.11	<0.14	<0.14	<0.17	<0.15	<0.11	<0.12	<1.5	<0.83	<0.20	<0.090	<0.13	<0.10	<0.13	<0.063
24-Sep-21		DERF	NA	NA	<0.314	<0.457	<0.927	0.372	<1.417	<0.580	<0.523	<0.417	<0.423	<0.273	<0.627	<0.420	<0.497	<0.350	<0.400	<3.97	<1.43	<3.33	<0.331	<0.393	<1.00	<0.633	<0.780
<b>Municipal Well #3</b>																											
<i>Sampled by City of Luck</i>																											
01-Mar-93			NA	NA	<0.1	<0.1	<0.2	NA	NA	<0.3	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
28-Jan-97			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
15-Mar-99			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	<0.5	NA	NA	<0.2	<0.2	<0.1	<0.2
25-Mar-02			NA	NA	<0.5	<0.1	<0.5	NA	NA	<0.2	NA	NA	NA	<0.1	<0.2	<0.1	<0.1	NA	NA	NA	NA	NA	NA	<0.2	<0.2	<0.1	<0.2
13-Feb-06			NA	NA	<0.18	<0.18	<0.21	NA	NA	<0.48	NA	NA	NA	<0.22	<0.18	<0.15	<0.17	NA	NA	NA	NA	NA	NA	<0.18	<0.2	<0.2	<0.15
12-Mar-07			NA	NA	<0.15	<0.15	<0.18	NA	NA	<0.55	NA	NA	NA	<0.23	<0.13	<0.2	<0.19	NA	NA	NA	NA	NA	NA	<0.15	<0.15	<0.18	<0.11
30-Apr-08			NA	NA	<0.19	<0.15	<0.16	NA	NA	<0.5	NA	NA	NA	<0.19	<0.18	<0.16	<0.15	NA	NA	NA	NA	NA	NA	<0.2	<0.1	<0.14	<0.2
25-Sep-09	J		NA	NA	<0.24	<0.24	<0.12	NA	NA	<0.63	NA	NA	NA	<0.15	<0.18	<0.1	<0.28	NA	NA	NA	0.19	NA	NA	<0.11	<0.2	<0.25	<0.19
07-Sep-10			NA	NA	<0.12	<0.11	<0.11	NA	NA	<0.33	NA	NA	NA	<0.16	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
20-Jun-11			NA	NA	<0.12	<0.11	<0.11	NA	NA	<0.33	NA	NA	NA	<0.16	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
19-Mar-12			NA	NA	<0.12	<0.11	<0.11	NA	NA	<0.33	NA	NA	NA	<0.16	<0.11	<0.13	<0.11	NA	NA	NA	NA	NA	NA	<0.14	<0.1	<0.12	<0.13
12-Nov-13			NA	NA	<0.17	<0.15	<0.14	NA	NA	<0.53	NA	NA	NA	<0.23	<0.21	<0.13	<0.16	NA	NA	NA	<0.14	NA	NA	<0.2	<0.18	<0.19	<0.19
03-Sep-14			NA	NA	<0.22	<0.19	<0.18	NA	NA	<0.53	NA	NA	NA	<0.16	<0.21	<0.19	<0.14	NA	NA	NA	<0.16	NA	NA	<0.17	<0.18	<0.11	<0.18
09-Aug-17			NA	NA	<0.19	<0.18	<0.21	NA	NA	<0.48	NA	NA	NA	<0.17	<0.21	<0.2	<0.16	NA	NA	NA	<0.15	NA	NA	<0.17	<0.19	<0.18	<0.17

	Qualifiers	State Program	GRO	DRO	Benzene	Ethylbenzene	Toluene	MTBE	TMBs	Xylenes	n-Butylbenzene	sec-Butylbenzene	tert-butylbenzene	1,2-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Isopropylbenzene	p-isopropyltoluene	2-Butanone (MEK)	Methylene Chloride	Naphthalene	n-Propylbenzene	Styrene	(PCE) Tetrachloroethene	(TCE) Trichloroethene	Vinyl Chloride
ES	--	--			<b>5</b>	<b>700</b>	<b>1000</b>	<b>60</b>	<b>480</b>	<b>10000</b>	--	--		<b>5</b>	<b>7</b>	<b>70</b>	<b>100</b>	--	--	<b>460</b>	<b>5</b>	<b>100</b>	--	<b>100</b>	<b>5</b>	<b>5</b>	<b>0.2</b>
PAL	--	--			<i>0.5</i>	<i>140</i>	<i>200</i>	<i>12</i>	<i>96</i>	<i>1000</i>	--	--		<i>0.5</i>	<i>0.7</i>	<i>7</i>	<i>20</i>	--	--	<i>90</i>	<i>0.5</i>	<i>10</i>	--	<i>10</i>	<i>0.5</i>	<i>0.5</i>	<i>0.02</i>

Explanation:

Table reports only those compounds with detections, for the full list, see analytical report

Equity Co-op historical data was provided in a summarized format by Tetra Tech. Actual analytical reports were not reviewed by MSA

All results are reported in ug/L, micrograms per liter

Results in **bold** equal or exceed the NR 140 Wis. Adm. Code Enforcement Standard

Results in *italics* equal or exceed the NR 140 Wis. Adm. Code Preventative Action Limit

<0.40 = less than the indicated limit of detection (LOD)

Q = a parameter was above the LOD but below the limit of quantitation (LOQ)

NA = not analyzed for this parameter during this sampling event

-- = No Standard Established / Not Applicable

NP = Not Provided

ND = Not Detected above method detection limit.

Whey substrate injection occurred on October 12, 2011, April 11, 2012, and April 24, 2013

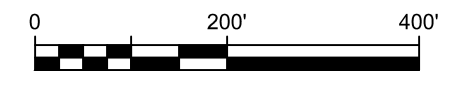
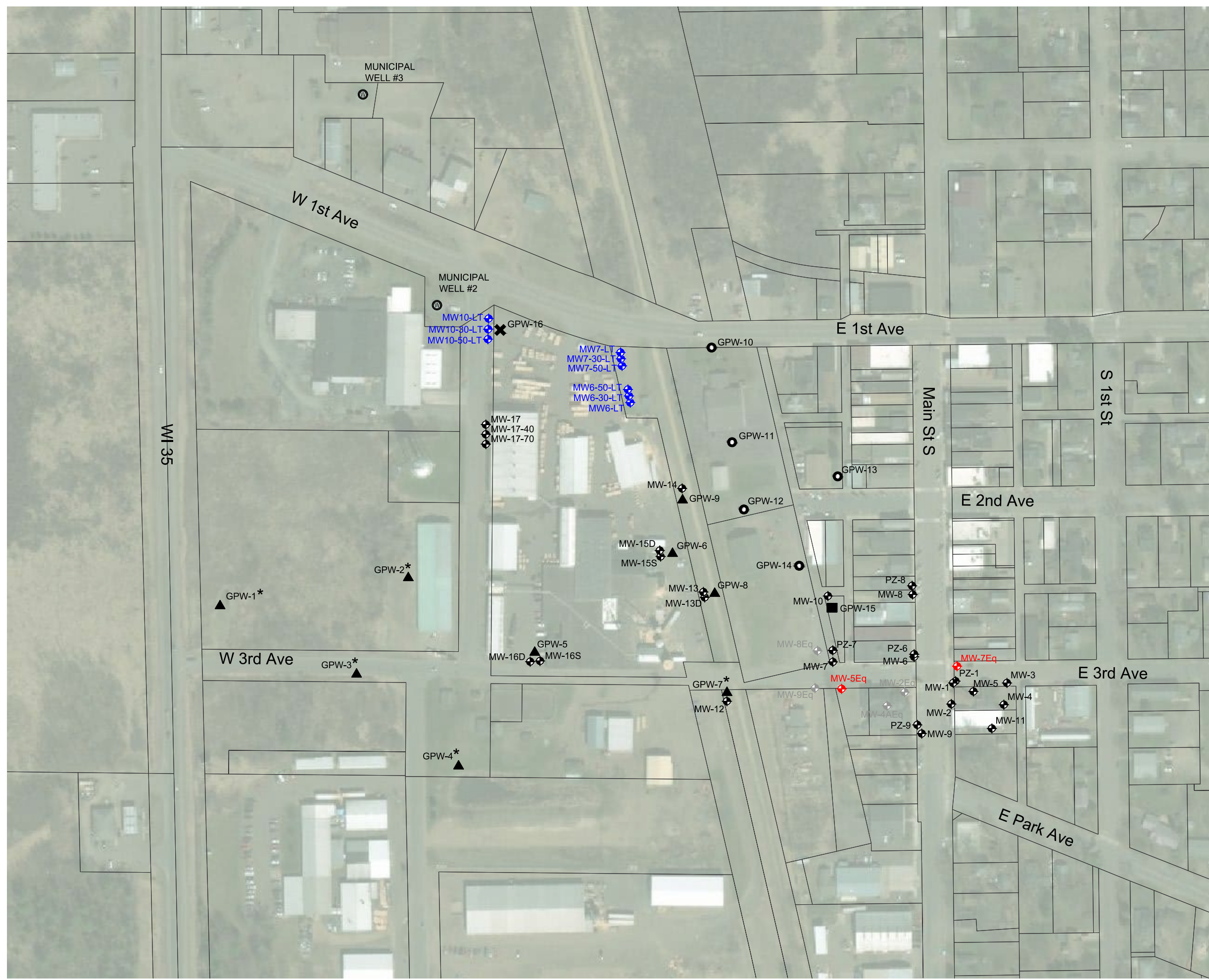
\* December 2006 samples were analyzed using method 8021MS resulting in higher detection limits. All other rounds were analyzed using method 8260

\*\* 2.1 ug/L 1,1,1-Trichloroethane was detected in October 28, 2013 sample

\*\*\* 217 ug/L acetone measured in MW-1 and 123 ug/L acetone and 6.2 ug/L 2-Chlorotoluene measured at MW-5.

\*\*\*\* 21.9 ug/L acetone measured in MW-5 and 1.8 ug/L 1,1,1-trichloroethane measured in MW-5EQ.

## FIGURES



**LEGEND**

- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019

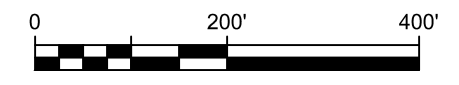
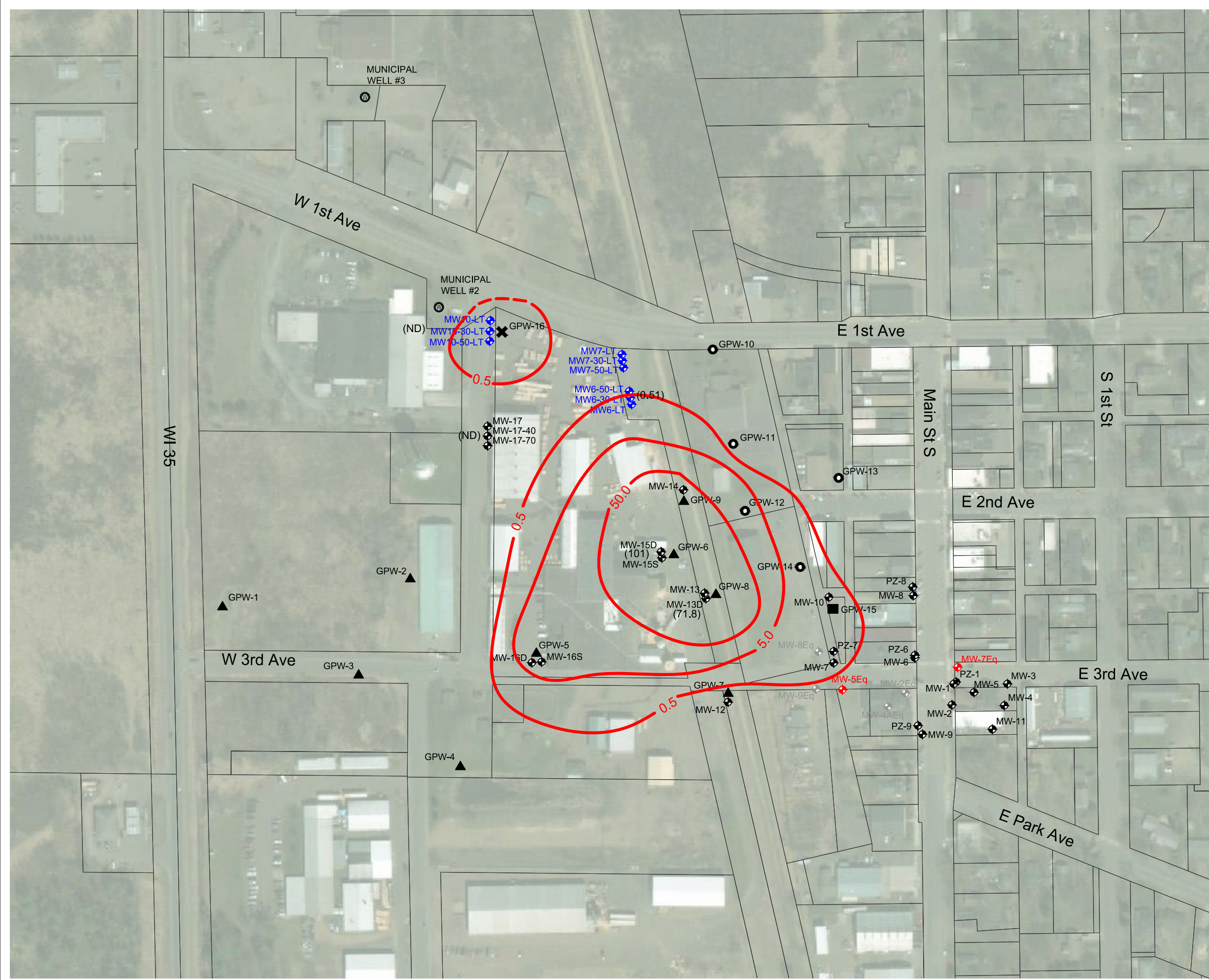
**ATTACHMENT B.1.b  
DETAILED SITE MAP**

LAUNDRY BASKET  
LUCK, WISCONSIN



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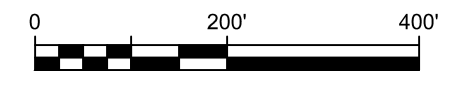
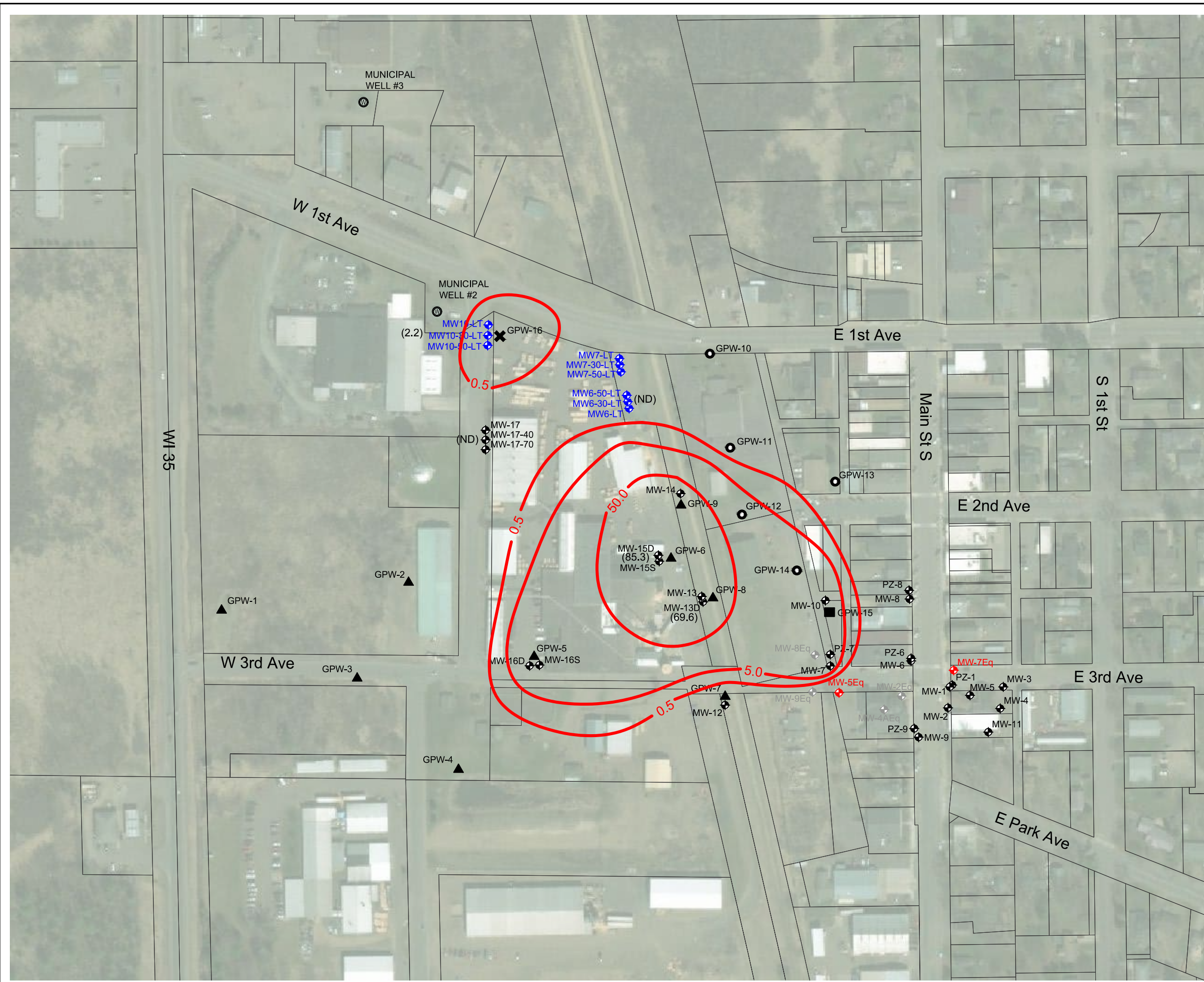
**LEGEND**

- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT
- 0.5 µ/L PCE ISOCONCENTRATION CONTOUR

**FIGURE B.3.b.1**  
**ISOCONTOUR - MIDDLE INTERVAL**  
**DECEMBER 2020**  
 SAMPLING EVENT: 12/11/2020  
 LAUNDRY BASKET  
 LUCK, WISCONSIN

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CHECKED BY	MD	SCALE	AS SHOWN	FILE NO.	6080801



**LEGEND**

- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT

0.5 µ/L PCE ISOCONCENTRATION CONTOUR

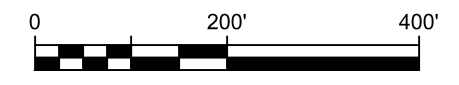
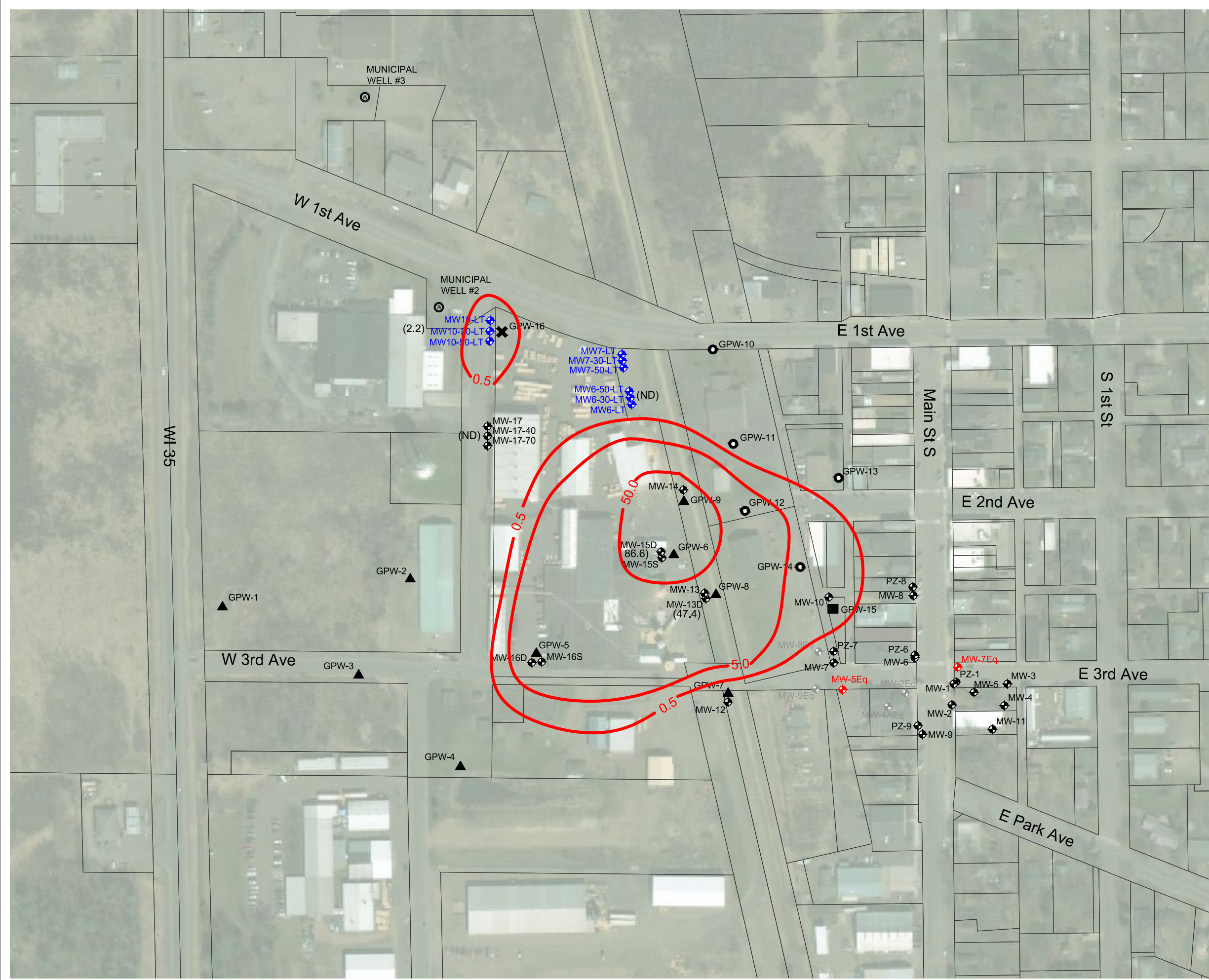
**FIGURE B.3.b.2**  
**ISOCONTOUR - MIDDLE INTERVAL**  
**MARCH 2021**

SAMPLING EVENT: 03/20/2021  
 LAUNDRY BASKET  
 LUCK, WISCONSIN

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DRAWN BY	CRH	DATE	01/2022	SHEET NO.	B.3.B.2
CHECKED BY	MD	SCALE	AS SHOWN	FILE NO.	6080801





**LEGEND**

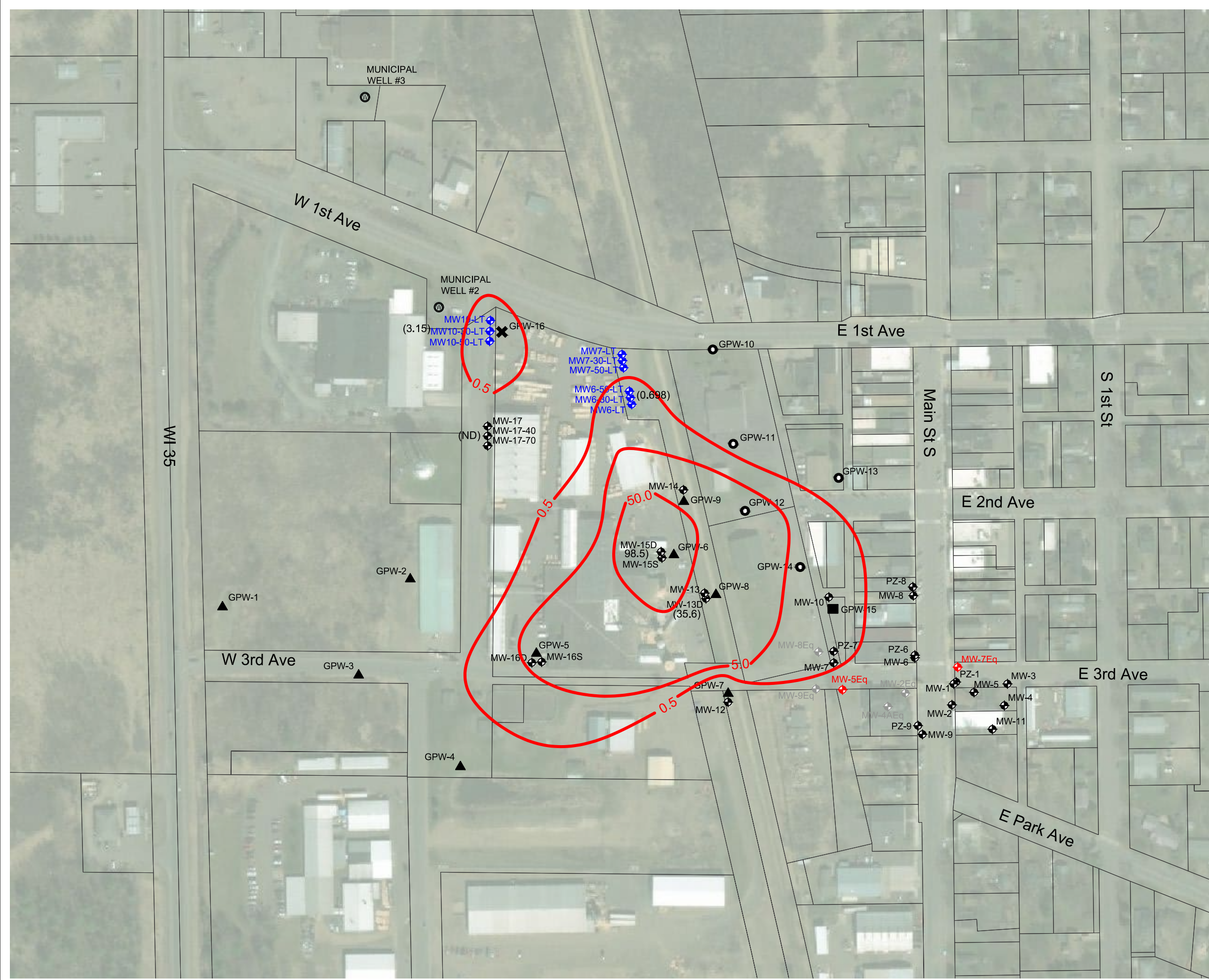
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- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT
- 0.5 µ/L PCE ISOCONCENTRATION CONTOUR

**FIGURE B.3.b.3  
ISOCONTOUR - MIDDLE INTERVAL  
JULY 2021**

SAMPLING EVENT: 07/02/2021  
LAUNDRY BASKET  
LUCK, WISCONSIN



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**LEGEND**

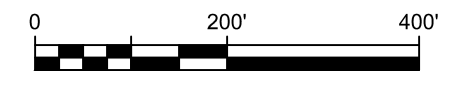
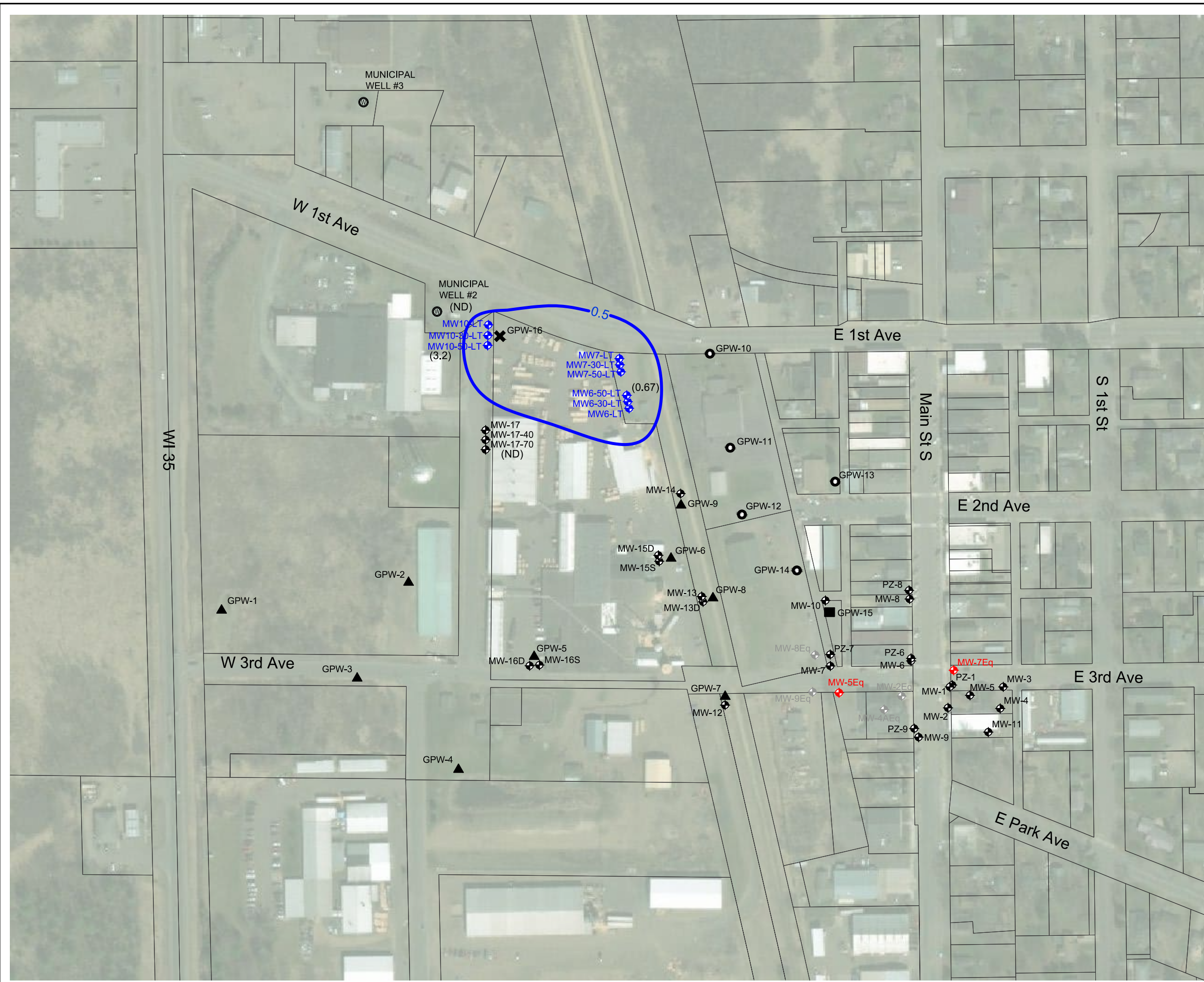
- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT
- 0.5 µ/L PCE ISOCONCENTRATION CONTOUR

**FIGURE B.3.b.4**  
**ISOCONTOUR - MIDDLE INTERVAL**  
**SEPTEMBER 2021**

SAMPLING EVENT: 09/24/2021  
 LAUNDRY BASKET  
 LUCK, WISCONSIN



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CHECKED BY	MD	SCALE	AS SHOWN	FILE NO.	6080801

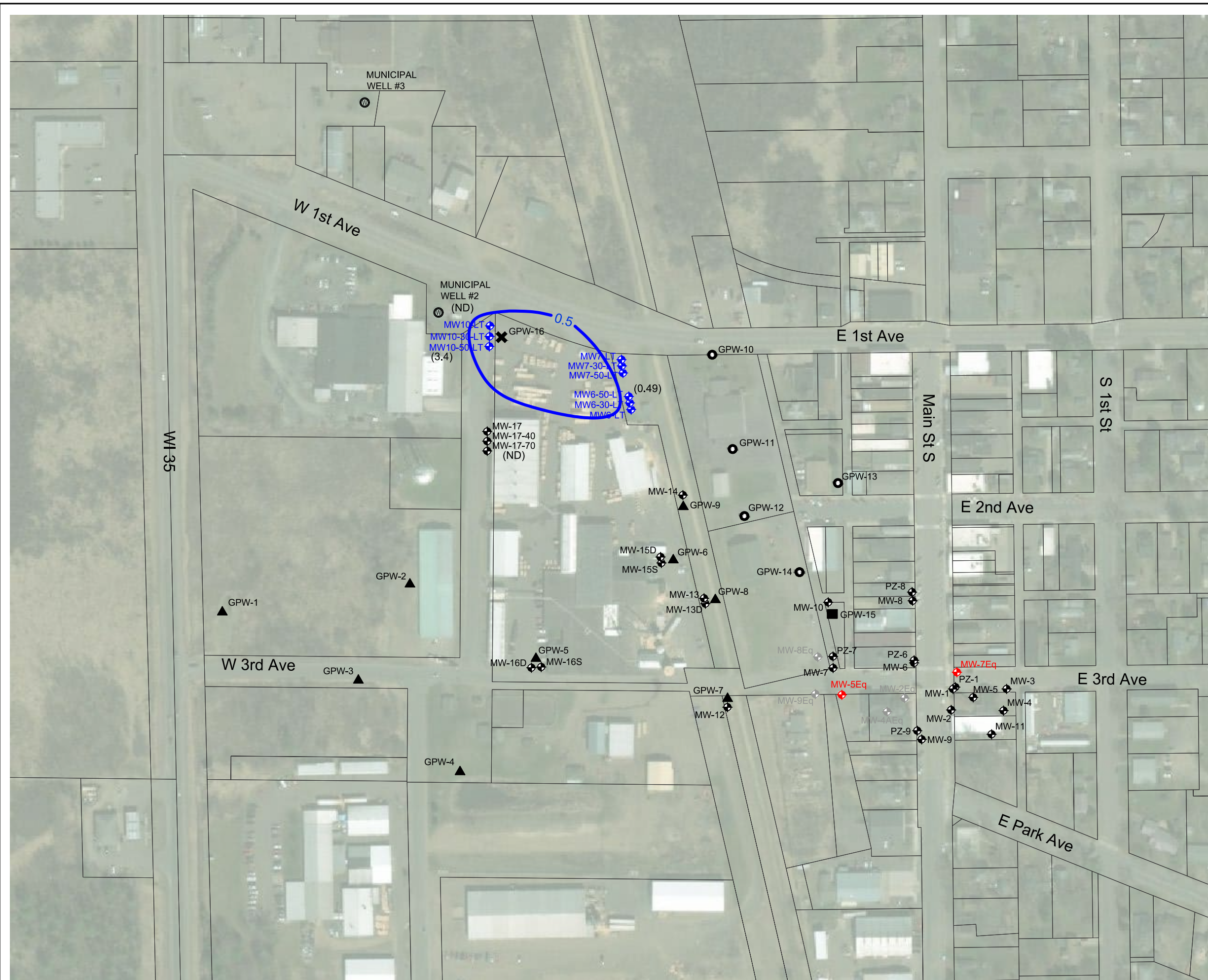


**LEGEND**

- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT

0.5 µ/L PCE ISOCONCENTRATION CONTOUR

<b>FIGURE B.3.b.5</b>			
<b>ISOCONTOUR - DEEP INTERVAL</b>			
<b>DECEMBER 2020</b>			
SAMPLING EVENT: 12/01/2021			
LAUNDRY BASKET			
LUCK, WISCONSIN			
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SHEET NO.		B.3.B.5	
FILE NO.		6080801	



**LEGEND**

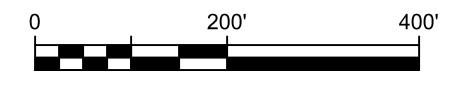
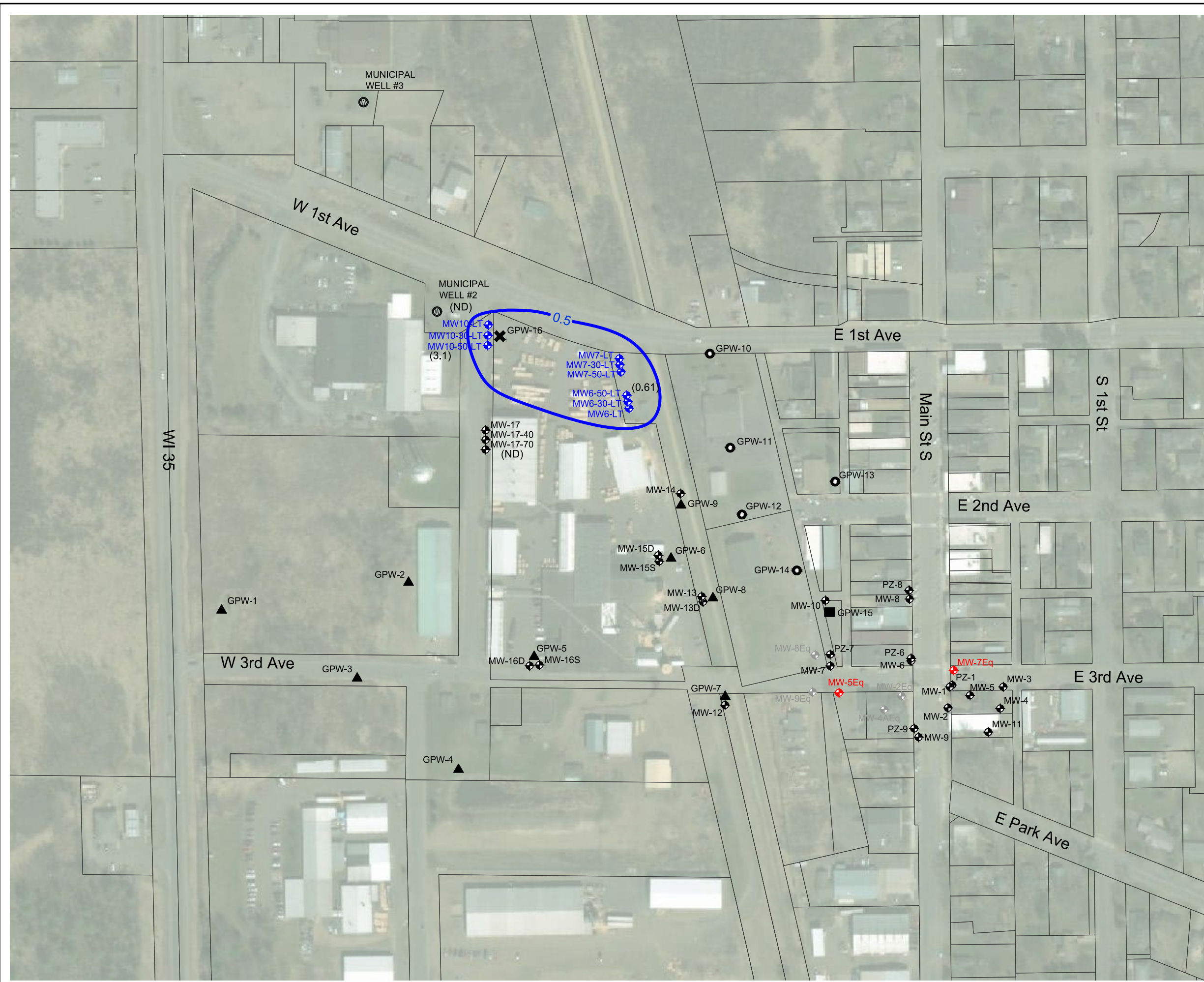
- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT
- 0.5  $\mu\text{L/L}$  PCE ISOCONCENTRATION CONTOUR

**FIGURE B.3.b.6**  
**ISOCONTOUR - DEEP INTERVAL**  
**MARCH 2021**

SAMPLING EVENT: 03/20/2021  
 LAUNDRY BASKET  
 LUCK, WISCONSIN

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**LEGEND**

- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT

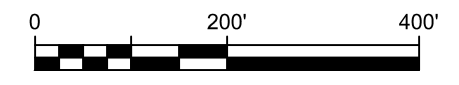
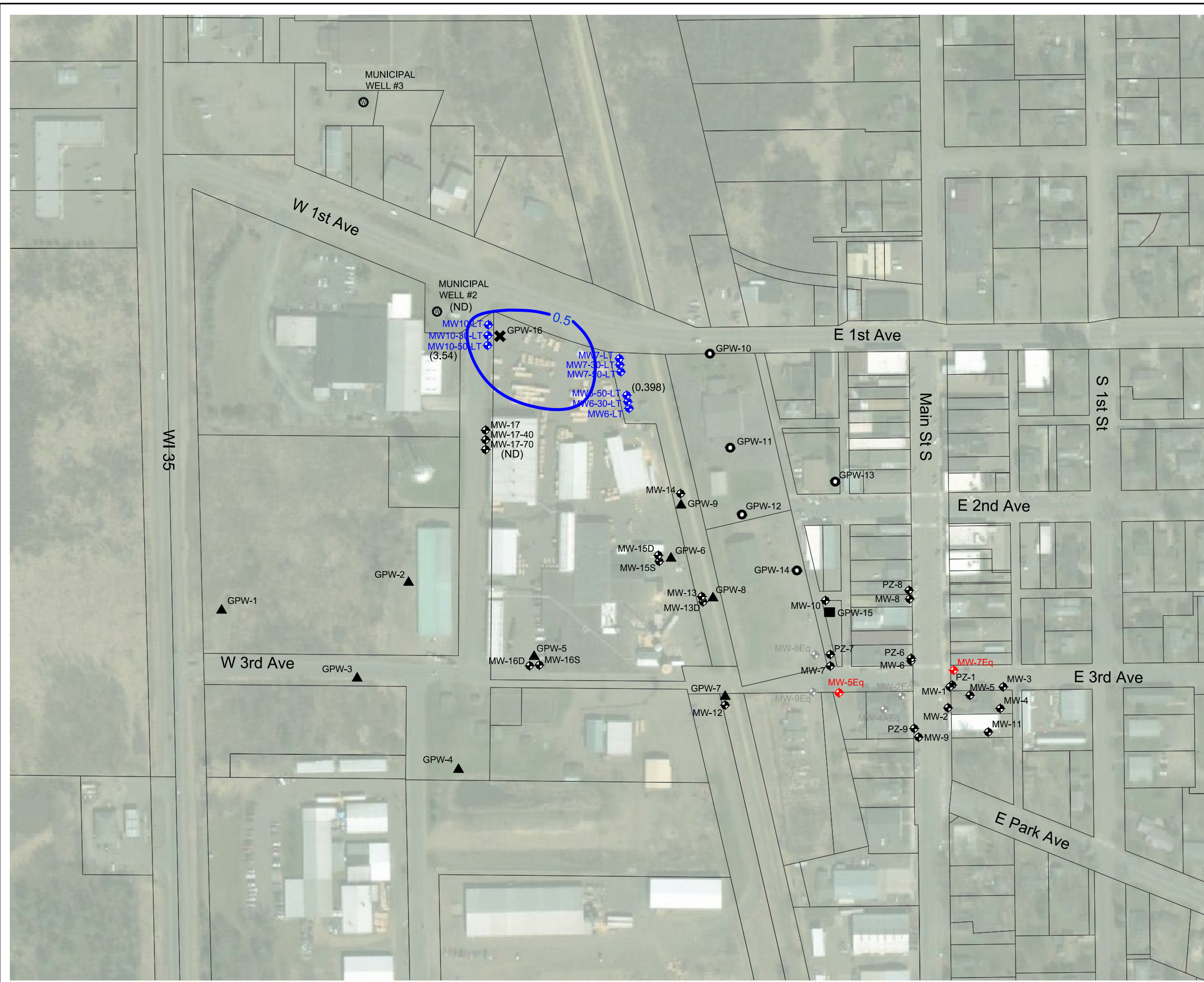
0.5 µ/L PCE ISOCONCENTRATION CONTOUR

**FIGURE B.3.b.7**  
**ISOCONTOUR - DEEP INTERVAL**  
**JULY 2021**

SAMPLING EVENT: 07/02/2021  
 LAUNDRY BASKET  
 LUCK, WISCONSIN

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**LEGEND**

- MW-1 LAUNDRY BASKET MONITORING WELL LOCATION
- MW-1 LUCK TELEPHONE MONITORING WELL LOCATION
- MW-1 FORMER EQUITY CO-OP MONITORING WELL LOCATION
- GPW-1 DISCRETE GROUNDWATER SAMPLING LOCATION
- GPW-11 BORING (5-10 FT, 25-30 FT, 45-50 FT. AND 65-70 FT INTERVALS)
- GPW-15 BORING (45-50 AND 65-70 FT INTERVALS)
- GPW-16 BORING (65-70 FT INTERVAL)
- \* SAMPLED PREVIOUSLY IN 2019
- ND NON DETECT

0.5 µ/L PCE ISOCONCENTRATION CONTOUR

<b>FIGURE B.3.b.8</b>			
<b>ISOCONTOUR - DEEP INTERVAL</b>			
<b>SEPTEMBER 2021</b>			
SAMPLING EVENT: 09/24/2021			
LAUNDRY BASKET			
LUCK, WISCONSIN			
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CHECKED BY	MD	SCALE	AS SHOWN
SHEET NO.		B.3.B.8	
FILE NO.		6080801	

## **APPENDIX A**

### MONITORING WELL SAMPLING LOGS

# GROUND WATER SAMPLING INFORMATION FORM\*

## General Information

Location (Site/Facility Name): <u>Laundry Banker</u>	Sampling Point (common name): <u>MW-13D</u>
Project Name/#: <u>06080001</u>	Type (mon. well, spring, etc.): <u>mon. well</u>
Field Personnel: <u>Erica Klinges</u>	Field Sample (Event) ID#: <u>Oct 2020</u>
Sampling Organization: <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry): <u>-</u>
Weather: <u>☉ ?</u>	Station ID (for IGWIS data entry): <u>-</u>

## Sampling Station (Well) Details

Read from left to right		top -- bottom
Well Depth (ft. below MP): <u>30.85</u>	Casing Diameter (inches): <u>2"</u>	Open Interval (depth below GS): <u>-</u>
Static Depth to Water (below MP): <u>4.51</u>	Static DTW (ft. below GS): <u>-</u>	Date: <u>10/13/20</u> Time: <u>    </u>
Water Column Length (L) (ft.): <u>26.31</u>	One WC Volume (cu. ft.): <u>    </u>	One WC Volume (gals): <u>    </u>
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>

## Purging

Read from left to right		ppm	ppm
PID/FID Reading @ Wellhead*	Concentration	<u>-</u>	Background Conc. <u>-</u>
Free Product (circle: LNAPL or DNAPL)*	Detected/Sampled?	<u>Y or N / Y or N</u>	Appearance <u>    </u>
Well Purging Equipment	Pump, bailer?	<u>    </u>	Type* <u>    </u>
Purging Date/Time	Start	<u>/</u>	Finish <u>/</u>
Pump/Bailer Intake Set at	Feet below MP	<u>    </u>	Avg. Purge Rate <u>    </u> gpm
Amt. Purged before Sampling	Gals./WC Volumes <u>6.75</u>	<u>    </u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began      Purge Rate for Measurements (gpm)     

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:     

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	μMhos/cm		= meter reading x magnitude x k
Specific Conductance	μMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		Parameters not collected
Eh	mV		this sample void.
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <u>Y or N</u>	Dedicated Equipment? <u>Y or N</u> Used Same Equip. for Purge? <u>Y or N</u>
Pump Intake/Bailer Set at (ft. below MP) <u>    </u>	Interval Samples Represent (ft. below GS) Top = <u>/</u> Bottom = <u>    </u>
Date/Time Sampling Began <u>    </u>	Date/Time Sampling Finished <u>10/13/20 1:55</u>
Depth to Water (ft. below MP) <u>    </u>	Depth to Water (ft. below MP) <u>    </u>
QC Samples Collected? <u>Y or N (see reverse*)</u>	Sample Withdrawal Rate <u>    </u> gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1.      2.     

Remarks (1)\* (include protocol exceptions):     

Form Completed by E. Klinges (sign in ink) Date 10/13/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

wq-gw1-01 Piez. well:

$$3.27 + (21.31 \cdot 0.1635) = 6.75 \text{ gal.}$$

Dup @ MW-13D



# GROUND WATER SAMPLING INFORMATION FORM\*

## General Information

Location (Site/Facility Name): <u>Laundry Basket</u>	Sampling Point (common name): <u>MW-15D</u>
Project Name/#: <u>06080831</u>	Type (mon. well, spring, etc.): <u>mon. well</u>
Field Personnel: <u>Erica Klinges</u>	Field Sample (Event) ID#: <u>Oct 2020</u>
Sampling Organization: <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry): <u>-</u>
Weather: <u>☉ ?</u>	Station ID (for IGWIS data entry): <u>-</u>

## Sampling Station (Well) Details

Well Depth (ft. below MP): <u>32.87</u>	Casing Diameter (inches): <u>2"</u>	Open Interval (depth below GS): <u>-</u>	<small>top → bottom</small>
Static Depth to Water (below MP): <u>4.37</u>	Static DTW (ft. below GS): <u>-</u>	Date: <u>10/13/20</u>	Time: <u>-</u>
Water Column Length (L) (ft.): <u>28.50</u>	One WC Volume (cu. ft.): <u>-</u>	One WC Volume (gals): <u>-</u>	
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>	

## Purging

PID/FID Reading @ Wellhead*: <u>-</u>	Concentration: <u>-</u> ppm	Background Conc.: <u>-</u> ppm	
Free Product (circle: LNAPL or DNAPL)*: <u>-</u>	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance: <u>-</u>	
Well Purging Equipment: <u>-</u>	Pump, bailer? <u>-</u>	Type*: <u>-</u>	
Purging Date/Time: <u>-</u>	Start: <u>-</u>	Finish: <u>-</u>	
Pump/Bailer Intake Set at: <u>-</u>	Feet below MP: <u>-</u>	Avg. Purge Rate: <u>-</u> gpm	
Amt. Purged before Sampling: <u>-</u>	Gals./WC Volumes: <u>7.11</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>	

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: - / - / - Purge Rate for Measurements (gpm): -

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -

Sample Appearance: clean Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>µMhos/cm</del>		= meter reading x magnitude x k
Specific Conductance	<del>µMhos/cm</del>		EC corrected to 25 °C
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		Parameters not collected
Eh	<del>mV</del>		this sample void.
Turbidity	<del>NTU</del>		

## Sample Collection

Sampling Device (type of pump/bailer)*: <u>bailer</u>	Sample Medium (well water, LNAPL, etc.): <u>well water</u>
Permanently Installed Pump? <u>Y or N</u>	Dedicated Equipment? <u>Y or N</u> Used Same Equip. for Purge? <u>Y or N</u>
Pump Intake/Bailer Set at (ft. below MP): <u>-</u>	Interval Samples Represent (ft. below GS) Top = <u>-</u> / Bottom = <u>-</u>
Date/Time Sampling Began: <u>-</u> / <u>-</u> / <u>-</u>	Date/Time Sampling Finished: <u>10/13/20</u> / <u>1540</u>
Depth to Water (ft. below MP): <u>-</u>	Depth to Water (ft. below MP): <u>-</u>
QC Samples Collected? <u>Y or N</u> (see reverse*)	Sample Withdrawal Rate: <u>-</u> gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: E. Klinges (sign in ink) Date: 10/13/20

wq-gwl-01 Piezometer

$$3.27 \times (23.50 - 0.1025) = 7.11$$

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2\*

## General Information

Location (Site/Facility Name): <u>Laundry Basket</u>	Sampling Point (common name): <u>MW-17</u>
Project Name/#: <u>06060801</u>	Type (mon. well, spring, etc.): <u>mon. well</u>
Field Personnel: <u>Erica Klinges</u>	Field Sample (Event) ID#: <u>Oct 2020</u>
Sampling Organization: <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry): <u>-</u>
Weather: <u>☉ ?</u>	Station ID (for IGWIS data entry): <u>-</u>

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP): <u>13.45</u>	Casing Diameter (inches): <u>2"</u>	Open Interval (depth below GS) <small>top → bottom</small> : <u>-</u>
Static Depth to Water (below MP): <u>1.61</u>	Static DTW (ft. below GS): <u>-</u>	Date: <u>10/13/20</u> Time: <u>-</u>
Water Column Length (L) (ft.): <u>11.84</u>	One WC Volume (cu. ft.): <u>-</u>	One WC Volume (gals): <u>1.93</u>
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>

## Purging

Read from left to right

PID/FID Reading @ Wellhead* Concentration: <u>-</u> ppm	Background Conc.: <u>-</u> ppm
Free Product (circle: LNAPL or DNAPL)* Detected/Sampled? <u>Y or N / Y or N</u>	Appearance: <u>-</u>
Well Purging Equipment Pump, bailer?	Type* <u>-</u>
Purging Date/Time Start: <u>-</u>	Finish: <u>-</u>
Pump/Bailer Intake Set at Feet below MP: <u>-</u>	Avg. Purge Rate: <u>-</u> gpm
Amt. Purged before Sampling Gals./WC Volumes: <u>7.7</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: - Purge Rate for Measurements (gpm): -

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\* -

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>μMhos/cm</del>		= meter reading x magnitude x k
Specific Conductance	<del>μMhos/cm</del>		EC corrected to 25 °C
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		Parameters not collected
Eh	mV		this sample void.
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water

Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N

Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = - / Bottom = -

Date/Time Sampling Began: - Date/Time Sampling Finished: 10/13/20 / 1400

Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -

QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: [Signature] (sign in ink) Date: 10/13/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-17-40</u>
Project Name/# <u>06080801</u>	Type (mon. well, spring, etc.) <u>mon well</u>
Field Personnel <u>Erica Klingbeil</u>	Field Sample (Event) ID# <u>Oct 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) <u>-</u>
Weather <u>☉ ?</u>	Station ID (for IGWIS data entry) <u>-</u>

## Sampling Station (Well) Details

Read from left to right top -- bottom

Well Depth (ft. below MP) <u>40.43</u>	Casing Diameter (inches) <u>2"</u>	Open Interval (depth below GS) <u>-</u>	
Static Depth to Water (below MP) <u>1.39</u>	Static DTW (ft. below GS) <u>-</u>	Date <u>10/13/20</u>	Time <u>    </u>
Water Column Length (L) (ft.) <u>39.04</u>	One WC Volume (cu. ft.) <u>    </u>	One WC Volume (gals) <u>    </u>	
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>	

## Purging

Read from left to right

PID/FID Reading @ Wellhead* <u>    </u>	Concentration <u>-</u> ppm	Background Conc. <u>-</u> ppm	
Free Product (circle: LNAPL or DNAPL)* <u>    </u>	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance <u>    </u>	
Well Purging Equipment <u>    </u>	Pump, bailer? <u>    </u>	Type* <u>    </u>	
Purging Date/Time <u>    </u>	Start <u>    </u>	Finish <u>    </u>	
Pump/Bailer Intake Set at <u>    </u>	Feet below MP <u>    </u>	Avg. Purge Rate <u>    </u> gpm	
Amt. Purged before Sampling <u>    </u>	Gals./WC Volumes <u>8.84</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>	

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began      /      /      Purge Rate for Measurements (gpm)     

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:     

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>µMhos/cm</del>		= meter reading x magnitude x k
Specific Conductance	<del>µMhos/cm</del>		EC corrected to 25 °C
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		Parameters not collected this sample void.
Eh	<del>mV</del>		
Turbidity	<del>NTU</del>		

## Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water

Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N

Pump Intake/Bailer Set at (ft. below MP)      Interval Samples Represent (ft. below GS) Top =      / Bottom =     

Date/Time Sampling Began      /      /      Date/Time Sampling Finished 10/13/20 / 1420

Depth to Water (ft. below MP)      Depth to Water (ft. below MP)     

QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate      gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1.      2.     

Remarks (1)\* (include protocol exceptions)     

Form Completed by Killing (sign in ink) Date 10/13/20

Form GWS #4  
Revised 1-12-95

wq-gw1-01 Pier:

$$3.27 + (34.04 \cdot 0.635) = 8.84$$

# GROUND WATER SAMPLING INFORMATION FORM\*

## General Information

Location (Site/Facility Name): <u>Laundry Basket</u>	Sampling Point (common name): <u>MW-17-70</u>
Project Name/#: <u>06080801</u>	Type (mon. well, spring, etc.): <u>mon. well</u>
Field Personnel: <u>Erica Klinges</u>	Field Sample (Event) ID#: <u>Oct 2020</u>
Sampling Organization: <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry): <u>-</u>
Weather: <u>☀ ?</u>	Station ID (for IGWIS data entry): <u>-</u>

## Sampling Station (Well) Details

Read from left to right top -- bottom

Well Depth (ft. below MP): <u>70.53</u>	Casing Diameter (inches): <u>2"</u>	Open Interval (depth below GS): <u>-</u>	
Static Depth to Water (below MP): <u>4.75</u>	Static DTW (ft. below GS): <u>-</u>	Date: <u>10/13/20</u>	Time: <u>-</u>
Water Column Length (L) (ft.): <u>65.78</u>	One WC Volume (cu. ft.): <u>-</u>	One WC Volume (gals): <u>-</u>	
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>	

## Purging

Read from left to right

PID/FID Reading @ Wellhead*	Concentration: <u>-</u> ppm	Background Conc.: <u>-</u> ppm	
Free Product (circle: LNAPL or DNAPL)*	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance: <u>-</u>	
Well Purging Equipment	Pump, bailer?	Type*	
Purging Date/Time	Start: <u>/</u>	Finish: <u>/</u>	
Pump/Bailer Intake Set at	Feet below MP	Avg. Purge Rate: <u>-</u> gpm	
Amt. Purged before Sampling	Gals./WC Volumes: <u>13.2</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>	

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -

Sample Appearance: sl. cloudy / tan Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>μMhos/cm</del>		= meter reading x magnitude x k
Specific Conductance	<del>μMhos/cm</del>		EC corrected to 25 °C
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		Parameters not collected
Eh	<del>mV</del>		this sample void.
Turbidity	<del>NTU</del>		

## Sample Collection

Sampling Device (type of pump/bailer)*: <u>bailer</u>	Sample Medium (well water, LNAPL, etc)*: <u>well water</u>
Permanently Installed Pump? <u>Y or N</u>	Dedicated Equipment? <u>Y or N</u> Used Same Equip. for Purge? <u>Y or N</u>
Pump Intake/Bailer Set at (ft. below MP): <u>-</u>	Interval Samples Represent (ft. below GS) Top = <u>/</u> Bottom = <u>-</u>
Date/Time Sampling Began: <u>-</u>	Date/Time Sampling Finished: <u>10/13/20 / 1450</u>
Depth to Water (ft. below MP): <u>-</u>	Depth to Water (ft. below MP): <u>-</u>
QC Samples Collected? <u>Y or N (see reverse)*</u>	Sample Withdrawal Rate: <u>-</u> gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: Killing (sign in ink) Date: 10/13/20

wq-gw1-01

Disc:

$$3.27 + (60.78 \cdot 0.1635) = 13.2$$

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2

## General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-6-30LT  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: Erica Klinges Field Sample (Event) ID#: Oct 2020  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): -  
 Weather: ☉? Station ID (for IGWIS data entry): -

## Sampling Station (Well) Details

Read from left to right top -- bottom  
 Well Depth (ft. below MP): 29.97 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 4.08 Static DTW (ft. below GS): - Date: 10/13/20 Time: -  
 Water Column Length (L) (ft.): 25.89 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

## Purging

Read from left to right  
 PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? Type\*: -  
 Purging Date/Time Start: / Finish: /  
 Pump/Bailer Intake Set at Feet below MP Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 6.69 Purge Protocol of 4 WC's met? (Y) N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>µMhos/cm</del>		<del>= meter reading x magnitude x k</del>
Specific Conductance	<del>µMhos/cm</del>		<del>EC corrected to 25 °C</del>
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		<del>Parameters not collected</del>
Eh	<del>mV</del>		<del>this sample void.</del>
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 10/13/20 1225  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: Klinges (sign in ink) Date: 10/13/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

wq-gw1-01

P122

$$3.27 + (20.87 \cdot 0.1635) = 6.69$$

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2\*

## General Information

Location (Site/Facility Name) Laundry Sanker Sampling Point (common name) MW-6-SOLT  
 Project Name/# 06080801 Type (mon. well, spring, etc.) mon. well  
 Field Personnel Erica Klinge Field Sample (Event) ID# Oct 2020  
 Sampling Organization MSA Professional Services Facility ID (for IGWIS data entry) -  
 Weather ☉? Station ID (for IGWIS data entry) -

## Sampling Station (Well) Details

Read from left to right Top Bottom  
 Well Depth (ft. below MP) 40.95 Casing Diameter (inches) 2" Open Interval (depth below GS) -  
 Static Depth to Water (below MP) 3.99 Static DTW (ft. below GS) - Date 10/13/20 Time -  
 Water Column Length (L) (ft.) 45.00 One WC Volume (cu. ft.) - One WC Volume (gals) -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

## Purging

Read from left to right  
 PID/FID Reading @ Wellhead\* Concentration - ppm Background Conc. - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance -  
 Well Purging Equipment Pump, bailer? - Type\* -  
 Purging Date/Time Start - / - / - Finish - / - / -  
 Pump/Bailer Intake Set at Feet below MP - Avg. Purge Rate - gpm  
 Amt. Purged before Sampling Gals./WC Volumes 9.81 Purge Protocol of 4 WCV's met? 0 or N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began - / - / - Purge Rate for Measurements (gpm) -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: clean Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>μMhos/cm</del>		= meter reading x magnitude x k
Specific Conductance	<del>μMhos/cm</del>		EC corrected to 25 °C
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		Parameters not collected this sample void.
Eh	<del>mV</del>		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) - Interval Samples Represent (ft. below GS) Top = - / Bottom = -  
 Date/Time Sampling Began - / - / - Date/Time Sampling Finished 10/13/20 / 1250  
 Depth to Water (ft. below MP) - Depth to Water (ft. below MP) -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions) -

Form Completed by Killing (sign in ink) Date 10/13/20

Form GWS #4  
Revised 1-12-95

P722

$$3.27 + (40.0 - 0.1635) = 9.81$$

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2

## General Information

Location (Site/Facility Name): <u>Laundry Basket</u>	Sampling Point (common name): <u>MW - 10-30LT</u>
Project Name/#: <u>06080801</u>	Type (mon. well, spring, etc.): <u>mon. well</u>
Field Personnel: <u>Erica Kling</u>	Field Sample (Event) ID#: <u>Oct 2020</u>
Sampling Organization: <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry): <u>-</u>
Weather: <u>☉?</u>	Station ID (for IGWIS data entry): <u>-</u>

## Sampling Station (Well) Details

Read from left to right top ← Bottom

Well Depth (ft. below MP): <u>29.35</u>	Casing Diameter (inches): <u>2"</u>	Open Interval (depth below GS) ↑: <u>-</u>	
Static Depth to Water (below MP): <u>2.84</u>	Static DTW (ft. below GS): <u>-</u>	Date: <u>10/13/20</u>	Time: <u>-</u>
Water Column Length (L) (ft.): <u>26.51</u>	One WC Volume (cu. ft.): <u>-</u>	One WC Volume (gals): <u>-</u>	
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>	

## Purging

Read from left to right

PID/FID Reading @ Wellhead*	Concentration: <u>-</u> ppm	Background Conc.: <u>-</u> ppm	
Free Product (circle: LNAPL or DNAPL)*	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance: <u>-</u>	
Well Purging Equipment	Pump, bailer?	Type*	
Purging Date/Time	Start: <u>-</u>	Finish: <u>-</u>	
Pump/Bailer Intake Set at	Feet below MP	Avg. Purge Rate: <u>-</u> gpm	
Amt. Purged before Sampling	Gals./WC Volumes: <u>6.79</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>	

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: - / - / - Purge Rate for Measurements (gpm): -

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>µMhos/cm</del>		= meter reading x magnitude x k
Specific Conductance	<del>µMhos/cm</del>		EC corrected to 25 °C
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		Parameters not collected this sample void.
Eh	<del>mV</del>		
Turbidity	<del>NTU</del>		

## Sample Collection

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water

Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N

Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = - / Bottom = -

Date/Time Sampling Began: - / - / - Date/Time Sampling Finished: 10/13/20 / 1300

Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -

QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: Killing (sign in ink) Date: 10/13/20

Form GWS #4  
Revised 1-12-95

wq-gwl-01 P.22

$$3.27 + (21.51 \cdot 0.1635) = 6.79$$

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-10-SOLT</u>
Project Name/# <u>06080831</u>	Type (mon. well, spring, etc.) <u>mon. well</u>
Field Personnel <u>Erica Kling</u>	Field Sample (Event) ID# <u>Oct 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) <u>    </u>
Weather <u>    </u>	Station ID (for IGWIS data entry) <u>    </u>

## Sampling Station (Well) Details

Read from left to right		top -- bottom
Well Depth (ft. below MP) <u>49.45</u>	Casing Diameter (inches) <u>2"</u>	Open interval (depth below GS) <u>    </u>
Static Depth to Water (below MP) <u>2.67</u>	Static DTW (ft. below GS) <u>    </u>	Date <u>10/13/20</u> Time <u>    </u>
Water Column Length (L) (ft.) <u>46.78</u>	One WC Volume (cu. ft.) <u>    </u>	One WC Volume (gals) <u>    </u>
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>

## Purging

Read from left to right		ppm
PID/FID Reading @ Wellhead* <u>    </u>	Concentration <u>    </u>	Background Conc. <u>    </u>
Free Product (circle: LNAPL or DNAPL)* <u>    </u>	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance <u>    </u>
Well Purging Equipment <u>    </u>	Pump, bailer? <u>    </u>	Type* <u>    </u>
Purging Date/Time <u>    </u>	Start <u>    </u>	Finish <u>    </u>
Pump/Bailer Intake Set at <u>    </u>	Feet below MP <u>    </u>	Avg. Purge Rate <u>    </u> gpm
Amt. Purged before Sampling <u>    </u>	Gals./WC Volumes <u>10.1</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began      /      /      Purge Rate for Measurements (gpm)     

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*     

Sample Appearance:      Odor:     

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	<del>μMhos/cm</del>		= meter reading x magnitude x k
Specific Conductance	<del>μMhos/cm</del>		EC corrected to 25 °C
pH	<del>Standard Units</del>		
Dissolved Oxygen	<del>mg/l</del>		Parameters not collected
Eh	<del>mV</del>		this sample void.
Turbidity	<del>NTU</del>		

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <u>Y or N</u>	Dedicated Equipment? <u>Y or N</u> Used Same Equip. for Purge? <u>Y or N</u>
Pump Intake/Bailer Set at (ft. below MP) <u>    </u>	Interval Samples Represent (ft. below GS) Top = <u>    </u> / Bottom = <u>    </u>
Date/Time Sampling Began <u>    </u> / <u>    </u> / <u>    </u>	Date/Time Sampling Finished <u>10/13/20</u> / <u>1320</u>
Depth to Water (ft. below MP) <u>    </u>	Depth to Water (ft. below MP) <u>    </u>
QC Samples Collected? <u>Y or N (see reverse*)</u>	Sample Withdrawal Rate <u>    </u> gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1.      2.     

Remarks (1)\* (include protocol exceptions)     

Form Completed by      (sign in ink) Date 10/13/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

wq-gw1-01

Pizz

$$3.27 + (41.78 \cdot 0.1635) = 10.1$$



# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) <u>LAUNDRY Basket</u>	Sampling Point (common name) <u>MW-17</u>
Project Name/# <u>06080801</u>	Type (mon. well, spring, etc.) <u>Monitoring well</u>
Field Personnel <u>MARK DAVIDSON</u>	Field Sample (Event) ID#* <u>Dec 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) _____
Weather  _____	Station ID (for IGWIS data entry) _____

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP) <u>13.45</u>	Casing Diameter (inches) _____	Open Interval (depth below GS) <u>    </u>	top - bottom (0.1 ft.)
Static Depth to Water (below MP) <u>1.64</u> <small>(0.01 ft.)</small>	Static DTW (ft. below GS) _____ <small>(0.1 ft.)</small>	Date <u>12/1/20</u>	Time _____
Water Column Length (L) (ft.) <u>11.78</u>	One WC Volume (cu. ft.) _____	One WC Volume (gals) _____	
Condition: Securely Locked? <input checked="" type="radio"/> Y or <input checked="" type="radio"/> N	Station (Well) Damaged? <input type="radio"/> Y or <input checked="" type="radio"/> N	Surface Contamination (visible)? <input type="radio"/> Y or <input checked="" type="radio"/> N	

## Purging

Read from left to right

PID/FID Reading @ Wellhead* _____	Concentration _____ ppm	Background Conc. _____ ppm	
Free Product (circle: LNAPL or DNAPL)* _____	Detected/Sampled? <input type="radio"/> Y or <input checked="" type="radio"/> N / <input type="radio"/> Y or <input checked="" type="radio"/> N	Appearance  _____	
Well Purging Equipment _____	Pump, bailer? <u>BAILER</u>	Type* _____	
Purging Date/Time _____	Start <u>12/1/20 10910</u>	Finish <u>12/1/20 10923</u>	
Pump/Bailer Intake Set at _____	Feet below MP _____	Avg. Purge Rate _____ gpm	
Amt. Purged before Sampling _____	Gals./WC Volumes <u>8 / 4</u>	Purge Protocol of <u>4 WCV's met?</u> <input checked="" type="radio"/> Y or <input type="radio"/> N	

## Field Water Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y or  N

All Field Measurement Instruments Calibrated according to Protocol?  Y or  N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y or  N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		Parameters not collected per scope of work.
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <input type="radio"/> Y or <input checked="" type="radio"/> N	Dedicated Equipment? <input type="radio"/> Y or <input checked="" type="radio"/> N
Used Same Equip. for Purge? <input checked="" type="radio"/> Y or <input type="radio"/> N	
Pump Intake/Bailer Set at (ft. below MP) _____	Interval Samples Represent (ft. below GS) Top = <u>    </u> Bottom = <u>    </u>
Date/Time Sampling Began <u>12/1/20/0923</u>	Date/Time Sampling Finished <u>12/1/20/0925</u>
Depth to Water (ft. below MP) _____	Depth to Water (ft. below MP) _____
QC Samples Collected? <input type="radio"/> Y or <input checked="" type="radio"/> N (see reverse*)	Sample Withdrawal Rate _____ gpm

All Field Protocols were followed with no exceptions  Y /  N; Enter Protocol Codes\* 1.      2.     

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by Mark Davidson (sign in ink) Date 12/1/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4. Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-17(40)</u>
Project Name/# <u>06080801</u>	Type (mon. well, spring, etc.) <u>Monitoring well</u>
Field Personnel <u>MARK DAVIDSON</u>	Field Sample (Event) ID#* <u>Dec 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) <u>                    </u>
Weather <u>                    </u>	Station ID (for IGWIS data entry) <u>                    </u>

## Sampling Station (Well) Details

Read from left to right		top - bottom
Well Depth (ft. below MP) <u>40.43</u>	Casing Diameter (inches) <u>                    </u>	Open Interval (depth below GS) <u>                    </u> (0.1 ft.)
Static Depth to Water (below MP) <u>1.37</u> (0.01 ft.)	Static DTW (ft. below GS) <u>                    </u> (0.1 ft.)	Date <u>12/1/20</u> Time <u>                    </u>
Water Column Length (L) (ft.) <u>39.06</u>	One WC Volume (cu. ft.) <u>                    </u>	One WC Volume (gals) <u>                    </u>
Condition: Securely Locked? <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Station (Well) Damaged? <input type="checkbox"/> Y or <input checked="" type="checkbox"/> N	Surface Contamination (visible)? <input type="checkbox"/> Y or <input checked="" type="checkbox"/> N

## Purging

Read from left to right		
PID/FID Reading @ Wellhead* <u>                    </u>	Concentration <u>                    </u> ppm	Background Conc. <u>                    </u> ppm
Free Product (circle: LNAPL or DNAPL)* <u>                    </u>	Detected/Sampled? <input type="checkbox"/> Y or <input checked="" type="checkbox"/> N / <input type="checkbox"/> Y or <input checked="" type="checkbox"/> N	Appearance <u>                    </u>
Well Purging Equipment <u>                    </u>	Pump, bailer? <u>BAILER</u>	Type* <u>                    </u>
Purging Date/Time <u>                    </u>	Start <u>12/1/20/0935</u>	Finish <u>12/1/20/1055</u>
Pump/Bailer Intake Set at <u>                    </u>	Feet below MP <u>                    </u>	Avg. Purge Rate <u>                    </u> gpm
Amt. Purged before Sampling <u>                    </u>	Gals./WC Volumes <u>9 / 4</u>	Purge Protocol of <u>4 WCV's met?</u> <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N

## Field Water Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm)                     

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y or  N

All Field Measurement Instruments Calibrated according to Protocol?  Y or  N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y or  N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:                     

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	<del>                    </del> °C	<del>                    </del>	
Electrical Conductivity	<del>                    </del> µMhos/cm	<del>                    </del>	= meter reading x magnitude x k
Specific Conductance	<del>                    </del> µMhos/cm	<del>                    </del>	EC corrected to 25 °C
pH	<del>                    </del> Standard Units	<del>                    </del>	
Dissolved Oxygen	<del>                    </del> mg/l	<del>                    </del>	Parameters not collected per scope of work.
Eh	<del>                    </del> mV	<del>                    </del>	
Turbidity	<del>                    </del> NTU	<del>                    </del>	

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <input type="checkbox"/> Y or <input checked="" type="checkbox"/> N	Dedicated Equipment? <input type="checkbox"/> Y or <input checked="" type="checkbox"/> N
Used Same Equip. for Purge? <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	
Pump Intake/Bailer Set at (ft. below MP) <u>                    </u>	Interval Samples Represent (ft. below GS) Top = <u>                    </u> / Bottom = <u>                    </u>
Date/Time Sampling Began <u>12/1/20/0955</u>	Date/Time Sampling Finished <u>12/1/20/1000</u>
Depth to Water (ft. below MP) <u>                    </u>	Depth to Water (ft. below MP) <u>                    </u>
QC Samples Collected? <input type="checkbox"/> Y or <input checked="" type="checkbox"/> N (see reverse*)	Sample Withdrawal Rate <u>                    </u> gpm

All Field Protocols were followed with no exceptions  Y,  N; Enter Protocol Codes\* 1.                      2.                     

Remarks (1)\* (include protocol exceptions)                     

Form Completed by                      (sign in ink) Date 12/1/20

Form GWS #4, Revised 1-12-95

wq-gw1-01

$$\left[ (5 \times 0.16)(4) \right] \times (34.06 \times 0.16)$$

3.2                      5.45                      8.65

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet    of     
Side 1 of 2

## General Information

Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-17 (70)</u>
Project Name/# <u>06080801</u>	Type (mon. well, spring, etc.) <u>Monitoring well</u>
Field Personnel <u>MARK DAVIDSON</u>	Field Sample (Event) ID# <u>Dec 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) _____
Weather  ? _____	Station ID (for IGWIS data entry) _____

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP) <u>70.53</u>	Casing Diameter (inches) _____	Open Interval (depth below GS) <u>  </u> <small>top - bottom</small>
Static Depth to Water (below MP) <u>1.47</u> <small>(0.01 ft.)</small>	Static DTW (ft. below GS) _____ <small>(0.1 ft.)</small>	Date <u>12/1/20</u> Time _____ <small>(0.1 ft.)</small>
Water Column Length (L) (ft.) <u>69.06</u>	One WC Volume (cu. ft.) _____	One WC Volume (gals) _____
Condition: Securely Locked? <input checked="" type="radio"/> Y <input type="radio"/> N	Station (Well) Damaged? <input type="radio"/> Y <input checked="" type="radio"/> N	Surface Contamination (visible)? <input type="radio"/> Y <input checked="" type="radio"/> N

## Purging

Read from left to right

PID/FID Reading @ Wellhead* _____	Concentration _____ ppm	Background Conc. _____ ppm
Free Product (circle: LNAPL or DNAPL)* _____	Detected/Sampled? <input type="radio"/> Y <input checked="" type="radio"/> N <input type="radio"/> Y <input checked="" type="radio"/> N	Appearance <input checked="" type="radio"/> _____
Well Purging Equipment _____	Pump, bailer? <u>BAILER</u>	Type* _____
Purging Date/Time _____	Start <u>12/1/20 1010</u>	Finish <u>12/1/20 1103Z</u>
Pump/Bailer Intake Set at _____	Feet below MP _____	Avg. Purge Rate _____ gpm
Amt. Purged before Sampling _____	Gals./WC Volumes <u>14 / 4</u>	Purge Protocol of <u>4</u> WCV's met? <input checked="" type="radio"/> Y <input type="radio"/> N

## Field Water Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y  N

All Field Measurement Instruments Calibrated according to Protocol?  Y  N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y  N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance:  clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	_____ °C	_____	
Electrical Conductivity	_____ µMhos/cm	_____	= meter reading x magnitude x k
Specific Conductance	_____ µMhos/cm	_____	EC corrected to 25 °C
pH	_____ Standard Units	_____	
Dissolved Oxygen	_____ mg/l	_____	Parameters not collected per scope of work.
Eh	_____ mV	_____	
Turbidity	_____ NTU	_____	

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <input type="radio"/> Y <input checked="" type="radio"/> N	Dedicated Equipment? <input type="radio"/> Y <input checked="" type="radio"/> N
Used Same Equip. for Purge? <input type="radio"/> Y <input checked="" type="radio"/> N	Interval Samples Represent (ft. below GS) Top = <u>  </u> / Bottom = <u>  </u>
Pump Intake/Bailer Set at (ft. below MP) _____	Date/Time Sampling Began <u>12/1/20 1103Z</u>
Date/Time Sampling Finished _____	Date/Time Sampling Finished <u>12/1/20 1035</u>
Depth to Water (ft. below MP) _____	Depth to Water (ft. below MP) _____
QC Samples Collected? <input type="radio"/> Y <input checked="" type="radio"/> N (see reverse*)	Sample Withdrawal Rate _____ gpm

All Field Protocols were followed with no exceptions  Y  N; Enter Protocol Codes\* 1.    2.   

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by Mark Davidson (sign in ink) Date 12/1/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4. Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-16-30LT  
 Project Name/# 06080801 Type (mon. well, spring, etc.) Monitoring well  
 Field Personnel MARK DAVIDSON Field Sample (Event) ID#\* Dec 2020  
 Sampling Organization MSA Professional Services Facility ID (for IGWIS data entry)                       
 Weather ☀ ? Station ID (for IGWIS data entry)                     

## Sampling Station (Well) Details

Read from left to right top - bottom  
 Well Depth (ft. below MP) 29.35 Casing Diameter (inches) 2 Open Interval (depth below GS)                       
 Static Depth to Water (below MP) 2.66 Static DTW (ft. below GS)                      Date 12/1/20 Time                       
(0.01 ft.) (0.1 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 26.69 One WC Volume (cu. ft.)                      One WC Volume (gals)                       
 Condition: Securely Locked? (Y) or N Station (Well) Damaged? Y or (N) Surface Contamination (visible)? Y or (N)

## Purging

Read from left to right  
 PID/FID Reading @ Wellhead\*                      Concentration                      ppm Background Conc.                      ppm  
 Free Product (circle: LNAPL or DNAPL)\*                      Detected/Sampled? Y or N / Y or N Appearance                       
 Well Purging Equipment                      Pump, bailer? BAILER Type\*                       
 Purging Date/Time                      Start 12/1/20 1105 Finish 12/1/20 1117  
 Pump/Bailer Intake Set at                      Feet below MP                      Avg. Purge Rate                      gpm  
 Amt. Purged before Sampling                      Gals./WC Volumes 7 / 4 Purge Protocol of 4 WCV's met? (Y) or N

## Field Water Quality Measurements and Observations

Date/Time Measurements Began 1/1/20 Purge Rate for Measurements (gpm)                       
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or (N)  
 All Field Measurement Instruments Calibrated according to Protocol? Y or (N)  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or (N)  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:                       
 Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	<del>                    </del> °C	<del>                    </del>	
Electrical Conductivity	<del>                    </del> µMhos/cm	<del>                    </del>	= meter reading x magnitude x k
Specific Conductance	<del>                    </del> µMhos/cm	<del>                    </del>	EC corrected to 25 °C
pH	<del>                    </del> Standard Units	<del>                    </del>	
Dissolved Oxygen	<del>                    </del> mg/l	<del>                    </del>	Parameters not collected per scope of work.
Eh	<del>                    </del> mV	<del>                    </del>	
Turbidity	<del>                    </del> NTU	<del>                    </del>	

## Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or (N) Dedicated Equipment? Y or (N) Used Same Equip. for Purge? (Y) or N  
 Pump Intake/Bailer Set at (ft. below MP)                      Interval Samples Represent (ft. below GS) Top =                      Bottom =                       
 Date/Time Sampling Began 12/1/20 1107 Date/Time Sampling Finished 12/1/20 1120  
 Depth to Water (ft. below MP)                      Depth to Water (ft. below MP)                       
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate                      gpm

All Field Protocols were followed with no exceptions (Y) or (N); Enter Protocol Codes\* 1.                      2.                     

Remarks (1)\* (include protocol exceptions)                     

Form Completed by Mark Davidson (sign in ink) Date 12/1/20

Form GWS #4  
Revised 1-12-95

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

wq-gw1-01

$$[(5 \times 0.16)(4)] + (21.69 \times 0.16) = 6.67$$

3.2                      3.47

Sample Municipal Well #2 1050

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-10-50LT</u>
Project Name/# <u>06080801</u>	Type (mon. well, spring, etc.) <u>Monitoring well</u>
Field Personnel <u>MARK DAVIDSON</u>	Field Sample (Event) ID#* <u>Dec 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) <u>                    </u>
Weather <u>?</u>	Station ID (for IGWIS data entry) <u>                    </u>

## Sampling Station (Well) Details

Read from left to right			
Well Depth (ft. below MP) <u>49.45</u>	Casing Diameter (inches) <u>2</u>	Open Interval (depth below GS) <u>                    </u>	top - bottom (0.1 ft.)
Static Depth to Water (below MP) <u>2.31</u> <small>(0.01 ft.)</small>	Static DTW (ft. below GS) <u>                    </u> <small>(0.1 ft.)</small>	Date <u>12/1/20</u>	Time <u>                    </u>
Water Column Length (L) (ft.) <u>47.14</u>	One WC Volume (cu. ft.) <u>                    </u>	One WC Volume (gals) <u>                    </u>	
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>	

## Purging

Read from left to right			
PID/FID Reading @ Wellhead* <u>                    </u>	Concentration <u>                    </u> ppm	Background Conc. <u>                    </u> ppm	
Free Product (circle: LNAPL or DNAPL)* <u>                    </u>	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance <u>                    </u>	
Well Purging Equipment <u>                    </u>	Pump, bailer? <u>BAILER</u>	Type* <u>                    </u>	
Purging Date/Time <u>                    </u>	Start <u>12/1/20 1125</u>	Finish <u>12/1/20 1143</u>	
Pump/Bailer Intake Set at <u>                    </u>	Feet below MP <u>                    </u>	Avg. Purge Rate <u>                    </u> gpm	
Amt. Purged before Sampling <u>                    </u>	Gals./WC Volumes <u>10 / 4</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>	

## Field Water Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm)                     

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:                     

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	<del>                    </del> °C	<del>                    </del>	
Electrical Conductivity	<del>                    </del> µMhos/cm	<del>                    </del>	= meter reading x magnitude x k
Specific Conductance	<del>                    </del> µMhos/cm	<del>                    </del>	EC corrected to 25 °C
pH	<del>                    </del> Standard Units	<del>                    </del>	
Dissolved Oxygen	<del>                    </del> mg/l	<del>                    </del>	Parameters not collected per scope of work.
Eh	<del>                    </del> mV	<del>                    </del>	
Turbidity	<del>                    </del> NTU	<del>                    </del>	

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <u>Y or N</u>	Dedicated Equipment? <u>Y or N</u> Used Same Equip. for Purge? <u>Y or N</u>
Pump Intake/Bailer Set at (ft. below MP) <u>                    </u>	Interval Samples Represent (ft. below GS) Top = <u>                    </u> Bottom = <u>                    </u>
Date/Time Sampling Began <u>12/1/20 1143</u>	Date/Time Sampling Finished <u>12/1/20 1145</u>
Depth to Water (ft. below MP) <u>                    </u>	Depth to Water (ft. below MP) <u>                    </u>
QC Samples Collected? <u>Y or N</u> (see reverse*)	Sample Withdrawal Rate <u>                    </u> gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1.                      2.                     

Remarks (1)\* (include protocol exceptions)                     

Form Completed by                      (sign in ink) Date 12/1/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

wq-gw1-01

$$\begin{aligned}
 & [(0.16 \times 5)(4)] + (42.14 \times 0.16) = 9.94 \\
 & \quad \quad \quad 3.2 \qquad \qquad \quad 6.74
 \end{aligned}$$

Dup 1 collected

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) Mw-6-30LT  
 Project Name/# 06080801 Type (mon. well, spring, etc.) Monitoring well  
 Field Personnel MARK DAVIDSON Field Sample (Event) ID#\* Dec 2020  
 Sampling Organization MSA Professional Services Facility ID (for IGWIS data entry)                       
 Weather ? Station ID (for IGWIS data entry)                     

## Sampling Station (Well) Details

Read from left to right  top - bottom  
 Well Depth (ft. below MP) 29.97 Casing Diameter (inches) 2 Open Interval (depth below GS)                       
 Static Depth to Water (below MP) 3.83 Static DTW (ft. below GS)                      Date 12/1/20 Time                       
(0.01 ft.) (0.1 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 26.14 One WC Volume (cu. ft.)                      One WC Volume (gals)                       
 Condition: Securely Locked? (Y) or N Station (Well) Damaged? Y or (N) Surface Contamination (visible)? Y or (N)

## Purging

Read from left to right   
 PID/FID Reading @ Wellhead\* Concentration                      ppm Background Conc.                      ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance                       
 Well Purging Equipment Pump, bailer? BAILER Type\*                       
 Purging Date/Time Start 12/1/20 12:15 Finish 12/1/20 12:33  
 Pump/Bailer Intake Set at Feet below MP                      Avg. Purge Rate                      gpm  
 Amt. Purged before Sampling Gals./WC Volumes 7 / 4 Purge Protocol of 4 WCV's met (Y) or N

## Field Water Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm)                       
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or (N)  
 All Field Measurement Instruments Calibrated according to Protocol? Y or (N)  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or (N)  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:                       
 Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		Parameters not collected per scope of work.
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or (N) Dedicated Equipment? Y or (N) Used Same Equip. for Purge? (Y) or N  
 Pump Intake/Bailer Set at (ft. below MP)                      Interval Samples Represent (ft. below GS) Top =                      / Bottom =                       
 Date/Time Sampling Began 12/1/20 / 12:33 Date/Time Sampling Finished 12/1/20 / 12:35  
 Depth to Water (ft. below MP)                      Depth to Water (ft. below MP)                       
 QC Samples Collected? Y or (N) (see reverse\*) Sample Withdrawal Rate                      gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1.                      2.                     

Remarks (1)\* (include protocol exceptions)                     

Form Completed by Mark Davidson (sign in ink) Date 12/1/20

Form GWS #4.  
Revised 1-12-95

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

wq-gw1-01

$$\begin{aligned}
 & [(5 \times 0.16)(4)] + (21.14 \times 0.16) = 6.58 \\
 & 3.2 \qquad \qquad \qquad 3.38
 \end{aligned}$$

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) <u>LAUNDRY Basket</u>	Sampling Point (common name) <u>MW-6-SOLT</u>
Project Name/# <u>06080801</u>	Type (mon. well, spring, etc.) <u>Monitoring well</u>
Field Personnel <u>MARK DAVIDSON</u>	Field Sample (Event) ID#* <u>Dec 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) <u>                    </u>
Weather  ? <u>                    </u>	Station ID (for IGWIS data entry) <u>                    </u>

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP) <u>48.95</u>	Casing Diameter (inches) <u>2</u>	Open Interval (depth below GS) <u>                    </u> <small>top -- bottom</small>
Static Depth to Water (below MP) <u>3.72</u> <small>(0.01 ft.)</small>	Static DTW (ft. below GS) <u>                    </u> <small>(0.1 ft.)</small>	Date <u>12/1/20</u> Time <u>                    </u> <small>(0.1 hr.)</small>
Water Column Length (L) (ft.) <u>45.23</u>	One WC Volume (cu. ft.) <u>                    </u>	One WC Volume (gals) <u>                    </u>
Condition: Securely Locked? <u>Y</u> or <u>N</u>	Station (Well) Damaged? <u>Y</u> or <u>N</u>	Surface Contamination (visible)? <u>Y</u> or <u>N</u>

## Purging

Read from left to right

PID/FID Reading @ Wellhead* <u>                    </u>	Concentration <u>                    </u> ppm	Background Conc. <u>                    </u> ppm
Free Product (circle: LNAPL or DNAPL)* <u>                    </u>	Detected/Sampled? <u>Y</u> or <u>N</u> / <u>Y</u> or <u>N</u>	Appearance <u>                    </u>
Well Purging Equipment <u>                    </u>	Pump, bailer? <u>BAILER</u>	Type* <u>                    </u>
Purging Date/Time <u>                    </u>	Start <u>12/1/20 1240</u>	Finish <u>12/1/20 1303</u>
Pump/Bailer Intake Set at <u>                    </u>	Feet below MP <u>                    </u>	Avg. Purge Rate <u>                    </u> gpm
Amt. Purged before Sampling <u>                    </u>	Gals./WC Volumes <u>10 / 4</u>	Purge Protocol of <u>4</u> WCV's met? <u>Y</u> or <u>N</u>

## Field Water Quality Measurements and Observations

Date/Time Measurements Began <u>N/A</u>	Purge Rate for Measurements (gpm) <u>                    </u>
Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?	<u>Y</u> or <u>N</u>
All Field Measurement Instruments Calibrated according to Protocol?	<u>Y</u> or <u>N</u>
All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?	<u>Y</u> or <u>N</u>
The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other*:	<u>                    </u>
Sample Appearance: <u>clear</u>	Odor: <u>none</u>

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		Parameters not collected per scope of work.
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <u>Y</u> or <u>N</u>	Dedicated Equipment? <u>Y</u> or <u>N</u> Used Same Equip. for Purge? <u>Y</u> or <u>N</u>
Pump Intake/Bailer Set at (ft. below MP) <u>                    </u>	Interval Samples Represent (ft. below GS) Top = <u>                    </u> / Bottom = <u>                    </u>
Date/Time Sampling Began <u>12/1/20 1303</u>	Date/Time Sampling Finished <u>12/1/20 1305</u>
Depth to Water (ft. below MP) <u>                    </u>	Depth to Water (ft. below MP) <u>                    </u>
QC Samples Collected? <u>Y</u> or <u>N</u> (see reverse*)	Sample Withdrawal Rate <u>                    </u> gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1.                      2.                     

Remarks (1)\* (Include protocol exceptions)                     

Form Completed by                      (sign in ink) Date 12/1/20

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

Form GWS #4  
Revised 1-12-95

wq-gw1-01

$$\begin{aligned}
 & \left[ (5 \times 0.16)(4) \right] + (40.23 \times 0.16) \\
 & \quad 3.2 \qquad \qquad \qquad 6.44 \qquad = 9.64
 \end{aligned}$$

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-13D</u>
Project Name/# <u>06080801</u>	Type (mon. well, spring, etc.) <u>Monitoring well</u>
Field Personnel <u>MARK DAVIDSON</u>	Field Sample (Event) ID#* <u>Dec 2020</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) <u>                    </u>
Weather <u>?</u>	Station ID (for IGWIS data entry) <u>                    </u>

## Sampling Station (Well) Details

Well Depth (ft. below MP) <u>30.85</u>	Casing Diameter (inches) <u>2"</u>	Open Interval (depth below GS) <u>                    </u>	top - bottom (0.1 ft.)
Static Depth to Water (below MP) <u>4.38</u> <small>(0.01 ft.)</small>	Static DTW (ft. below GS) <u>                    </u> <small>(0.1 ft.)</small>	Date <u>12/1/20</u>	Time <u>                    </u>
Water Column Length (L) (ft.) <u>26.47</u>	One WC Volume (cu. ft.) <u>                    </u>	One WC Volume (gals) <u>                    </u>	
Condition: Securely Locked? <u>(Y) or N</u>	Station (Well) Damaged? <u>Y or (N)</u>	Surface Contamination (visible)? <u>Y or (N)</u>	

## Purging

PID/FID Reading @ Wellhead* <u>                    </u>	Concentration <u>                    </u> ppm	Background Conc. <u>                    </u> ppm	
Free Product (circle: LNAPL or DNAPL)* <u>                    </u>	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance <u>                    </u>	
Well Purging Equipment <u>                    </u>	Pump, bailer? <u>BAILER</u>	Type* <u>                    </u>	
Purging Date/Time <u>                    </u>	Start <u>12/1/20 1310</u>	Finish <u>12/1/20 1328</u>	
Pump/Bailer Intake Set at <u>                    </u>	Feet below MP <u>                    </u>	Avg. Purge Rate <u>                    </u> gpm	
Amt. Purged before Sampling <u>                    </u>	Gals./WC Volumes <u>7 / 4</u>	Purge Protocol of <u>4WCV's met</u> (Y or N)	

## Field Water Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm)                     

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or (N)

All Field Measurement Instruments Calibrated according to Protocol? Y or (N)

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or (N)

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:                     

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		Parameters not collected per scope of work.
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)* <u>bailer</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <u>Y or (N)</u>	Dedicated Equipment? <u>Y or (N)</u> Used Same Equip. for Purge? <u>(Y) or N</u>
Pump Intake/Bailer Set at (ft. below MP) <u>                    </u>	Interval Samples Represent (ft. below GS) Top = <u>                    </u> / Bottom = <u>                    </u>
Date/Time Sampling Began <u>12/1/20 1328</u>	Date/Time Sampling Finished <u>12/1/20 1330</u>
Depth to Water (ft. below MP) <u>                    </u>	Depth to Water (ft. below MP) <u>                    </u>
QC Samples Collected? <u>Y or (N)</u> (see reverse*)	Sample Withdrawal Rate <u>                    </u> gpm

All Field Protocols were followed with no exceptions (Y) or (N); Enter Protocol Codes\* 1.                      2.                     

Remarks (1)\* (include protocol exceptions)                     

Form Completed by Mark Davidson (sign in ink) Date 12/1/20

Form GWS #4 Revised 1-12-95

wq-gw1-01

$$[(5' \times 0.16)(4)] + [0.16 \times 21.47] = 3.2 + 3.44 = 6.64$$



# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet      of       
Side 1 of 2\*

## General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-15D  
 Project Name/# 06080801 Type (mon. well, spring, etc.) Monitoring well  
 Field Personnel MARK DAVIDSON Field Sample (Event) ID#\* Dec 2020  
 Sampling Organization MSA Professional Services Facility ID (for IGWIS data entry) \_\_\_\_\_  
 Weather ☀️? \_\_\_\_\_ Station ID (for IGWIS data entry) \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP) 32.87 Casing Diameter (inches) 2 Open Interval (depth below GS)      top -- bottom  
 Static Depth to Water (below MP) 4.26 Static DTW (ft. below GS)      Date 12/1/20 Time      (0.1 ft.)  
(0.01 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 28.61 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

## Purging

Read from left to right

PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N Appearance \_\_\_\_\_  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? BAILER Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start ⌚ 12/1/20 1340 Finish ⌚ 12/1/20 1403  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 7 / 4 Purge Protocol of 4WCV's met? Y or N

## Field Water Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\* \_\_\_\_\_  
 Sample Appearance: ☉ Clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	<del>    </del> °C	<del>    </del>	
Electrical Conductivity	<del>    </del> µMhos/cm	<del>    </del>	= meter reading x magnitude x k
Specific Conductance	<del>    </del> µMhos/cm	<del>    </del>	EC corrected to 25 °C
pH	<del>    </del> Standard Units	<del>    </del>	
Dissolved Oxygen	<del>    </del> mg/l	<del>    </del>	Parameters not collected per scope of work.
Eh	<del>    </del> mV	<del>    </del>	
Turbidity	<del>    </del> NTU	<del>    </del>	

## Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = -1 Bottom = -  
 Date/Time Sampling Began 12/1/20 / 1403 Date/Time Sampling Finished 12/1/20 / 1405  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y/N); Enter Protocol Codes\* 1.      2.     

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by Mark Davidson (sign in ink) Date 12/1/20

Form GWS #4  
Revised 1-12-95

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

wq-gw1-01

$$[(5 \times 0.16)(4)] + (23.61 \times 0.16) = 6.98$$

3.2                                      3.78

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2

## General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-17  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): Mon well  
 Field Personnel: Paul Butler Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather:  ? Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Well Depth (ft. below MP): 17.85 Casing Diameter (inches): 4 Open Interval (depth below GS): 7  
 Static Depth to Water (below MP): 2.21 Static DTW (ft. below GS): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Water Column Length (L) (ft.): 11.24 One WC Volume (cu. ft.): \_\_\_\_\_ One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked?  Y or  N Station (Well) Damaged?  Y or  N Surface Contamination (visible)?  Y or  N

## Purging

PID/FID Reading @ Wellhead\* Concentration: \_\_\_\_\_ ppm Background Conc.: \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled?  Y or  N /  Y or  N Appearance: \_\_\_\_\_  
 Well Purging Equipment: Pump, bailer? Bailer Type: \_\_\_\_\_  
 Purging Date/Time: Start: - / - Finish: - / -  
 Pump/Bailer Intake Set at: Feet below MP: \_\_\_\_\_ Avg. Purge Rate: \_\_\_\_\_ gpm  
 Amt. Purged before Sampling: Gals./WC Volumes: 7104 Purge Protocol of 4 WCV's met?  Y or  N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: 3/3/21 1130 Purge Rate for Measurements (gpm): \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y or  N  
 All Field Measurement Instruments Calibrated according to Protocol?  Y or  N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y or  N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: Clear, light brown Odor: No odor

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		<i>No Parameters taken</i>
Electrical Conductivity	µMhos/cm		
Specific Conductance	µMhos/cm		
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\*: Bailer Sample Medium (wall water, LNAPL, etc.): Well Water  
 Permanently Installed Pump?  Y or  N Dedicated Equipment?  Y or  N Used Same Equip. for Purge?  Y or  N  
 Pump Intake/Bailer Set at (ft. below MP): Bailer Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ Bottom = \_\_\_\_\_  
 Date/Time Sampling Began: 3/3/21 1130 Date/Time Sampling Finished: \_\_\_\_\_  
 Depth to Water (ft. below MP): \_\_\_\_\_ Depth to Water (ft. below MP): \_\_\_\_\_  
 QC Samples Collected?  Y or  N (see reverse\*) Sample Withdrawal Rate: \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by: Paul D Butler (sign in ink) Date: 3/3/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2

## General Information

Location (Site/Facility Name): Laundry Basket      Sampling Point (common name): MW-17-70  
 Project Name/#: 06080801      Type (mon. well, spring, etc.): mon well  
 Field Personnel: Paul Butler      Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services      Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather:  ?      Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right  top -- Bottom  
 Well Depth (ft. below MP): 70.53      Casing Diameter (inches): 4'      Open Interval (depth below GS):  (ft.)  
 Static Depth to Water (below MP): 1.50      Static DTW (ft. below GS): \_\_\_\_\_      Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Water Column Length (L) (ft.): 69.03      One WC Volume (cu. ft.): \_\_\_\_\_      One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked?  Y or  N      Station (Well) Damaged?  Y or  N      Surface Contamination (visible)?  Y or  N

## Purging

Read from left to right   
 PID/FID Reading @ Wellhead\*      Concentration \_\_\_\_\_ ppm      Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\*      Detected/Sampled?  Y or  N /  Y or  N      Appearance  \_\_\_\_\_  
 Well Purging Equipment      Pump, bailer? Bailer      Type\* \_\_\_\_\_  
 Purging Date/Time      Start  3/3/21 1150      Finish  \_\_\_\_\_  
 Pump/Bailer Intake Set at      Feet below MP \_\_\_\_\_      Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling      Gals./WC Volumes 14.4      Purge Protocol of 4 WCV's met?  Y or  N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: 3/3/21 1150      Purge Rate for Measurements (gpm): \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y or  N  
 All Field Measurement Instruments Calibrated according to Protocol?  Y or  N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y or  N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance:  clear      Odor: No odor

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		<b>No Parameters</b>
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\*: Bailer      Sample Medium (well water, LNAPL, etc.): Well Water  
 Permanently Installed Pump?  Y or  N      Dedicated Equipment?  Y or  N      Used Same Equip. for Purge?  Y or  N  
 Pump Intake/Bailer Set at (ft. below MP): Bailer      Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began: 3/3/21 1150      Date/Time Sampling Finished: \_\_\_\_\_  
 Depth to Water (ft. below MP): \_\_\_\_\_      Depth to Water (ft. below MP): \_\_\_\_\_  
 QC Samples Collected?  Y or  N (see reverse\*)      Sample Withdrawal Rate: \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by: Paul D Butler      (sign in ink) Date: 3/3/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2

## General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-17 (40)  
 Project Name/# 06080801 Type (mon. well, spring, etc.) mon well  
 Field Personnel Paul Butler Field Sample (Event) ID# March 2021  
 Sampling Organization MSA Professional Services Facility ID (for IGWIS data entry) \_\_\_\_\_  
 Weather  ? Station ID (for IGWIS data entry) \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right  top -- bottom  
 Well Depth (ft. below MP) 40.43 Casing Diameter (inches) 4 Open Interval (depth below GS) 1 ft.  
 Static Depth to Water (below MP) 1.98 Static DTW (ft. below GS) 1 Date \_\_\_\_\_ Time \_\_\_\_\_  
 Water Column Length (L) (ft.) 38.45 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked?  Y or  N Station (Well) Damaged?  Y or  N Surface Contamination (visible)?  Y or  N

## Purging

Read from left to right   
 PID/FID Reading @ Wellhead\* Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled?  Y or  N /  Y or  N Appearance  \_\_\_\_\_  
 Well Purging Equipment Pump, bailer? Bailer Type\* \_\_\_\_\_  
 Purging Date/Time Start 3/3/21 Finish 3/3/21  
 Pump/Bailer Intake Set at Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling Gals./WC Volumes 9 / 4 Purge Protocol of 4 WCV's met  Y or  N

## Field Water Quality Measurements and Observations

Date/Time Measurements Began 3/3/21 1145 Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y or  N  
 All Field Measurement Instruments Calibrated according to Protocol?  Y or  N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y or  N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\* \_\_\_\_\_  
 Sample Appearance:  Clear Odor: No odor

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		<i>No Parameters are taken</i>
Electrical Conductivity	µMhos/cm		
Specific Conductance	µMhos/cm		
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* Bailer Sample Medium (well water, LNAPL, etc.)\* Well Water  
 Permanently Installed Pump?  Y or  N Dedicated Equipment?  Y or  N Used Same Equip. for Purge?  Y or  N  
 Pump Intake/Bailer Set at (ft. below MP) Bailer Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began 3/3/21 1145 Date/Time Sampling Finished \_\_\_\_\_  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected?  Y or  N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by Paul D Butler (sign in ink) Date 3/3/21  
\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments.

Form GWS #4  
Revised 1-12-95

*x pump*

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2

## General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-130  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon well  
 Field Personnel: Paul Butler Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather: ☉ ? Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP): 30.85 Casing Diameter (inches): 4 Open Interval (depth below GS) Top --- Bottom  
 Static Depth to Water (below MP): ~~30.85~~ 15.13 Static DTW (ft. below GS): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Water Column Length (L) (ft.): ~~30.85~~ 25.27 One WC Volume (cu. ft.): \_\_\_\_\_ One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

## Purging

Read from left to right

PID/FID Reading @ Wellhead\* Concentration: \_\_\_\_\_ ppm Background Conc.: \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: \_\_\_\_\_  
 Well Purging Equipment: Pump, bailer? Bailer Type: \_\_\_\_\_  
 Purging Date/Time: Start: \_\_\_\_\_ / \_\_\_\_\_ Finish: \_\_\_\_\_ / \_\_\_\_\_  
 Pump/Bailer Intake Set at: Feet below MP: \_\_\_\_\_ Avg. Purge Rate: \_\_\_\_\_ gpm  
 Amt. Purged before Sampling: Gals./WC Volumes: 4 Purge Protocol of 4 WCV's met? Y or N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: 3/3/21 1330 Purge Rate for Measurements (gpm): \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: Clear Odor: No odor

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	_____ °C		<del>No Parameters</del>
Electrical Conductivity	_____ μMhos/cm		
Specific Conductance	_____ μMhos/cm		
pH	Standard Units		
Dissolved Oxygen	_____ mg/l		
Eh	_____ mV		
Turbidity	_____ NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\*: Bailer Sample Medium (well water, LNAPL, etc.): Well Water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): Bailer Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began: 3/3/21 1330 Date/Time Sampling Finished: \_\_\_\_\_  
 Depth to Water (ft. below MP): \_\_\_\_\_ Depth to Water (ft. below MP): \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by: Paul Butler (sign in ink) Date: 3/3/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS 44 Revised 7-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet \_\_\_\_\_ of \_\_\_\_\_  
Side \_\_\_\_\_ of \_\_\_\_\_

## General Information

Location (Site/Facility Name): Laundry Basket      Sampling Point (common name): MW-15D  
 Project Name/#: 06080801      Type (mon. well, spring, etc.): mon well  
 Field Personnel: Paul Butler      Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services      Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather:  ?      Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP): 32.87      Casing Diameter (inches): 4      Open Interval (depth below GS): top - bottom  
 Static Depth to Water (below MP): 5.05      Static DTW (ft below GS): -      Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Water Column Length (L) (ft.): \_\_\_\_\_      One WC Volume (cu. ft.): -      One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked?  or N      Station (Well) Damaged? Y or N      Surface Contamination (visible)? Y or N

## Purging

Read from left to right

PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm      Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N      Appearance   
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? Bailer      Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start  \_\_\_\_\_ Finish   
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_      Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 7 1/4      Purge Protocol of 4 WCV's met?  Y or N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: 3/3/21 1250      Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? \_\_\_\_\_ Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? \_\_\_\_\_ Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? \_\_\_\_\_ Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance:  Clear      Odor: No odor

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		<u>No Parameters are taken</u>

## Sample Collection

Sampling Device (type of pump/bailer)\*: Bailer      Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N      Dedicated Equipment? Y or N      Used Same Equip. for Purge?  Y or N  
 Pump Intake/Bailer Set at (ft. below MP): \_\_\_\_\_      Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began: 3/3/21 - 1250      Date/Time Sampling Finished: \_\_\_\_\_  
 Depth to Water (ft. below MP): \_\_\_\_\_      Depth to Water (ft. below MP): \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*)      Sample Withdrawal Rate: \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by: Paul D. Butler      (sign in ink) Date: 3/3/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS 44 Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side of 2'

## General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-6-304  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): Mon Well  
 Field Personnel: Paul Butler Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather:  ? Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right  Top -- Bottom  
 Well Depth (ft. below MP): 29.97 Casing Diameter (inches): 4" Open Interval (depth below GS): ---  
 Static Depth to Water (below MP): 4.68 Static DTW (ft. below GS): --- Date: --- Time: ---  
 Water Column Length (L) (ft.): 25.29 One WC Volume (cu. ft.): --- One WC Volume (gals): ---  
 Condition: Securely Locked?  Y or  N Station (Well) Damaged?  Y or  N Surface Contamination (visible)?  Y or  N

## Purging

Read from left to right   
 PID/FID Reading @ Wellhead\* Concentration: --- ppm Background Conc.: --- ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled?  Y or  N /  Y or  N Appearance: ---  
 Well Purging Equipment: Pump, bailer? Bailer Type\*: ---  
 Purging Date/Time: Start: --- Finish: ---  
 Pump/Bailer Intake Set at: Feet below MP: --- Avg. Purge Rate: --- gpm  
 Amt. Purged before Sampling: Gals./WC Volumes: 7 / 1 / 1 Purge Protocol of 4 WCV's met?  Y or  N

## Field Water Quality Measurements and Observations

Date/Time Measurements Began: 3/3/21 1400 Purge Rate for Measurements (gpm): \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y or  N  
 All Field Measurement Instruments Calibrated according to Protocol?  Y or  N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y or  N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance:  Clear Odor: No odor

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		No Parameters are taken
Electrical Conductivity	µMhos/cm		
Specific Conductance	µMhos/cm		
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\*: Bailer Sample Medium (well water, LNAPL, etc.): Well Water  
 Permanently Installed Pump?  Y or  N Dedicated Equipment?  Y or  N Used Same Equip. for Purge?  Y or  N  
 Pump Intake/Bailer Set at (ft. below MP): Bailer Interval Samples Represent (ft. below GS) Top = --- Bottom = ---  
 Date/Time Sampling Began: 3/3/21 1400 Date/Time Sampling Finished: ---  
 Depth to Water (ft. below MP): \_\_\_\_\_ Depth to Water (ft. below MP): \_\_\_\_\_  
 QC Samples Collected?  Y or  N (see reverse\*) Sample Withdrawal Rate: \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions): \_\_\_\_\_  
 Form Completed by: Paul Butler (sign in ink) Date: 3/3/21  
60 → \* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description, and other comments. Form GWS #4 Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet \_\_\_\_\_ of \_\_\_\_\_  
Side \_\_\_\_\_ of 2'

## General Information

Location (Site/Facility Name): <u>Laundry Basket</u>	Sampling Point (common name): <u>M06-50 LF</u>
Project Name/#: <u>06080801</u>	Type (mon. well, spring, etc.): <u>mon well</u>
Field Personnel: <u>Paul Butler</u>	Field Sample (Event) ID#: <u>March 2021</u>
Sampling Organization: <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry): _____
Weather: <u>☉ ?</u>	Station ID (for IGWIS data entry): _____

## Sampling Station (Well) Details

Read from left to right top ← bottom

Well Depth (ft. below MP): _____	Casing Diameter (inches): _____	Open Interval (depth below GS): <u>0</u> ft.
Static Depth to Water (below MP): _____	Static DTW (ft. below GS): _____	Date: _____ Time: _____
Water Column Length (L) (ft.): _____	One WC Volume (cu. ft.): _____	One WC Volume (gals): _____
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>

## Purging

Read from left to right

PID/FID Reading @ Wellhead* _____	Concentration _____ ppm	Background Conc. _____ ppm
Free Product (circle: LNAPL or DNAPL)* _____	Detected/Sampled? <u>Y or N / Y or N</u>	Appearance <u>☉</u>
Well Purging Equipment _____	Pump, bailer? _____	Type* _____
Purging Date/Time _____	Start <u>☉</u> _____	Finish <u>☉</u> _____
Pump/Bailer Intake Set at _____	Feet below MP _____	Avg. Purge Rate _____ gpm
Amt. Purged before Sampling _____	Gals./WC Volumes <u>1</u>	Purge Protocol of _____ WCV's met? <u>Y or N</u>

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: \_\_\_\_\_ Purge Rate for Measurements (gpm): \_\_\_\_\_

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance: ☉ \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	_____ °C		
Electrical Conductivity	_____ µMhos/cm		= meter reading x magnitude x k
Specific Conductance	_____ µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	_____ mg/l		
Eh	_____ mV		<i>* was not able to locate</i>
Turbidity	_____ NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* \_\_\_\_\_ Sample Medium (well water, LNAPL, etc.)\* \_\_\_\_\_

Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N

Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_

Date/Time Sampling Began: \_\_\_\_\_ Date/Time Sampling Finished: \_\_\_\_\_

Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_

QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by \_\_\_\_\_ (sign in ink) Date \_\_\_\_\_

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95



# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 01  
Side 1 of 2

## General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-10-504  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mm well  
 Field Personnel: Paul Butler Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather:  ? Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP): 49.45 Casing Diameter (inches): \_\_\_\_\_ Open Interval (depth below GS): top -- bottom  
 Static Depth to Water (below MP): \_\_\_\_\_ Static DTW (ft. below GS): \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Water Column Length (L) (ft.): \_\_\_\_\_ One WC Volume (cu. ft.): \_\_\_\_\_ One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

## Purging

Read from left to right

PID/FID Reading @ Wellhead\* Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance   
 Well Purging Equipment Pump, bailer? \_\_\_\_\_ Type\* \_\_\_\_\_  
 Purging Date/Time Start  \_\_\_\_\_ / \_\_\_\_\_ Finish  \_\_\_\_\_ / \_\_\_\_\_  
 Pump/Bailer Intake Set at Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling Gals./WC Volumes \_\_\_\_\_ / \_\_\_\_\_ Purge Protocol of \_\_\_\_\_ WCV's met? Y or N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: \_\_\_\_\_ / \_\_\_\_\_ Purge Rate for Measurements (gpm): \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance:  \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

Was Not Able to Locate

## Sample Collection

Sampling Device (type of pump/bailer)\* \_\_\_\_\_ Sample Medium (well water, LNAPL, etc)\* \_\_\_\_\_  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began: \_\_\_\_\_ Date/Time Sampling Finished: \_\_\_\_\_  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm  
**All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_**  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by: \_\_\_\_\_ (sign in ink) Date: \_\_\_\_\_

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description, and other comments. Form GWS #4 Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet 1 of 2  
Side 1 of 2

## General Information

Location (Site/Facility Name): Laundry Basket      Sampling Point (common name): MW-10-304  
 Project Name/#: 06080801      Type (mon. well, spring, etc.): mon well  
 Field Personnel: Paul Butler      Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services      Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather:  ?      Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right       Top → Bottom  
 Well Depth (ft. below MP): 29.35      Casing Diameter (inches): \_\_\_\_\_      Open Interval (depth below GS): 0 ft.  
 Static Depth to Water (below MP): \_\_\_\_\_      Static DTW (ft. below GS): \_\_\_\_\_      Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Water Column Length (L) (ft.): \_\_\_\_\_      One WC Volume (cu. ft.): \_\_\_\_\_      One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked? Y or N      Station (Well) Damaged? Y or N      Surface Contamination (visible)? Y or N

## Purging

Read from left to right   
 PID/FID Reading @ Wellhead\*      Concentration \_\_\_\_\_ ppm      Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\*      Detected/Sampled? Y or N / Y or N      Appearance   
 Well Purging Equipment      Pump, bailer? \_\_\_\_\_      Type\* \_\_\_\_\_  
 Purging Date/Time      Start  \_\_\_\_\_      Finish  \_\_\_\_\_  
 Pump/Bailer Intake Set at      Feet below MP \_\_\_\_\_      Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling      Gals./WC Volumes \_\_\_\_\_      Purge Protocol of \_\_\_\_\_ WCV's met? Y or N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began: \_\_\_\_\_      Purge Rate for Measurements (gpm): \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance:  \_\_\_\_\_      Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		<i>* Was Not Able to Locate</i>

## Sample Collection

Sampling Device (type of pump/bailer)\* \_\_\_\_\_      Sample Medium (well water, LNAPL, etc.)\* \_\_\_\_\_  
 Permanently Installed Pump? Y or N      Dedicated Equipment? Y or N      Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_      Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_      Date/Time Sampling Finished \_\_\_\_\_  
 Depth to Water (ft. below MP) \_\_\_\_\_      Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*)      Sample Withdrawal Rate \_\_\_\_\_ gpm  
**All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_ 2. \_\_\_**  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by \_\_\_\_\_ (sign in ink)      Date \_\_\_\_\_

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet    of     
Side \* of 2\*

## General Information

Location (Site/Facility Name): <u>Laundry Basket</u>	Sampling Point (common name): <u>MW-17</u>
Project Name/#: <u>06080601</u>	Type (mon. well, spring, etc.): <u>Mon well</u>
Field Personnel: <u>Mark Davidson</u>	Field Sample (Event) ID#: <u>March 2021</u>
Sampling Organization: <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry): <u>                    </u>
Weather: <u>  </u> ?	Station ID (for IGWIS data entry): <u>                    </u>

## Sampling Station (Well) Details

Well Depth (ft. below MP): <u>13.45</u>	Casing Diameter (inches): <u>2</u>	Open Interval (depth below GS): <u>3 - 13</u>
Static Depth to Water (below MP): <u>0.81</u>	Static DTW (ft. below GS): <u>                    </u>	Date: <u>3/30/21</u> Time: <u>                    </u>
Water Column Length (L) (ft.): <u>12.34</u>	One WC Volume (cu. ft.): <u>                    </u>	One WC Volume (gals): <u>2.01</u>
Condition: Securely Locked? <u>(Y) or (N)</u>	Station (Well) Damaged? <u>(Y) or (N)</u>	Surface Contamination (visible)? <u>(Y) or (N)</u>

## Purging

PID/FID Reading @ Wellhead* <u>                    </u>	Concentration <u>                    </u> ppm	Background Conc. <u>                    </u> ppm
Free Product (circle: LNAPL or DNAPL)* <u>                    </u>	Detected/Sampled? <u>(Y) or (N) / (Y) or (N)</u>	Appearance <u>                    </u>
Well Purging Equipment: <u>                    </u>	Pump, bailer? <u>BAILER</u>	Type* <u>                    </u>
Purging Date/Time: <u>                    </u>	Start <u>3/30 10:50</u>	Finish <u>3/30 10:12</u>
Pump/Bailer Intake Set at <u>                    </u>	Feet below MP <u>                    </u>	Avg. Purge Rate <u>                    </u> gpm
Amt. Purged before Sampling <u>                    </u>	Gals./WC Volumes <u>9 / 4</u>	Purge Protocol of <u>4</u> WCV's met <u>(Y) or (N)</u>

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm)                     

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?                      Y or N

All Field Measurement Instruments Calibrated according to Protocol?                      Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?                      Y or N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*:                     

Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)* <u>BAILER</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <u>(Y) or (N)</u>	Dedicated Equipment? <u>(Y) or (N)</u> Used Same Equip. for Purge? <u>(Y) or (N)</u>
Pump Intake/Bailer Set at (ft. below MP) <u>                    </u>	Interval Samples Represent (ft. below GS) Top = <u>1</u> Bottom = <u>                    </u>
Date/Time Sampling Began <u>3/30 08:50 09:12</u>	Date/Time Sampling Finished <u>3/30 09:15</u>
Depth to Water (ft. below MP) <u>1.29</u>	Depth to Water (ft. below MP) <u>                    </u>
QC Samples Collected? <u>(Y) or (N) (see reverse*)</u>	Sample Withdrawal Rate <u>                    </u> gpm

All Field Protocols were followed with no exceptions (Y) or (N); Enter Protocol Codes\* 1.                      2.                     

Remarks (1)\* (include protocol exceptions)                     

Form Completed by                      (sign in ink) Date 3/30/21

Form GWS #4  
Revised 1-12-95

# GROUND WATER SAMPLING INFORMATION FORM\*

Side 1 of 2

General Information			
Location / Site Facility Name	Laundry Basket	Sampling Point (common name)	MLV-17 (40)
Project Name #	06080601	Type (mon. well, spring, etc.)	Mon well
Field Personnel	Mark Davidson	Field Sample (Event) ID #	March 2021
Sampling Organization	MSA Professional Services	Facility ID (for IGWIS data entry)	
Weather		Station ID (for IGWIS data entry)	

Sampling Station (Well) Details			
Road from left to right	40.43	Casing Diameter (inches)	2
Well Depth (ft. below MP)		Open Interval (depth below GS)	
Static Depth to Water (below MP)	0.63	Static DTW (ft. below GS)	
Water Column Length (L) (ft.)	39.80	One WC Volume (cu. ft.)	
Condition: Securely Locked?	Y or N	Station (Well) Damaged?	Y or N
		Surface Contamination (visible)?	Y or N
		Date	3/30/21
		One WC Volume (gals)	6.22

Purging			
PID/FID Reading @ Wellhead*	Concentration	ppm	Background Conc.
Free Product (circle: LNAPL or DNAPL)*	Detected/Sampled?	Y or N / Y or N	Appearance
Well Purging Equipment	Pump, bailer?	BAILER	Type
Purging Date/Time	Start	3/30 / 0916	Finish
Pump/Bailer Intake Set at	Feet below MP		Avg. Purge Rate
Amt Purged before Sampling	Gals./WC Volumes	9 / 4	Purge Protocol of
			4 WCV's met? Y or N

Field Water-Quality Measurements and Observations			
Date/Time Measurements Began	N/A	Purge Rate for Measurements (gpm)	
Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?			Y or N
All Field Measurement Instruments Calibrated according to Protocol?			Y or N
All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?			Y or N
The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other*			
Sample Appearance:	clear	Odor:	none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

Sample Collection			
Sampling Device (type of pump/bailer)*	bailer	Sample Medium (well water, LNAPL, etc.)*	well water
Permanently Installed Pump?	Y or N	Dedicated Equipment?	Y or N
		Used Same Equip. for Purge?	Y or N
Pump Intake/Bailer Set at (ft. below MP)		Interval Samples Represent (ft. below GS)	Top = / Bottom =
Date/Time Sampling Began	3/30 0942	Date/Time Sampling Finished	3/30 0945
Depth to Water (ft. below MP)	1.46	Depth to Water (ft. below MP)	
QC Samples Collected?	Y or N (see reverse*)	Sample Withdrawal Rate	gpm
All Field Protocols were followed with no exceptions (Y) N; Enter Protocol Codes* 1. 2.			
Remarks (1)* (include protocol exceptions)			
Form Completed by		(sign in ink) Date	
[Signature]		3/30/21	

wq-gw1-01  $([5 \times 0.16][4]) + (34.80 \times 0.16)$

3.2

5.57

= 8.77

# GROUND WATER SAMPLING INFORMATION FORM\*

General Information	
Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-17-(70)</u>
Project Name # <u>06080801</u>	Type (mon. well, spring, etc.) <u>Mon well</u>
Field Personnel <u>Mark Davidson</u>	Field Sample (Event) ID# <u>March 2021</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) _____
Weather <u>☉ ☁</u>	Station ID (for IGWIS data entry) _____

Sampling Station (Well) Details	
Well Depth (ft. below MP) <u>70.53</u>	Casing Diameter (inches) <u>2</u>
Static Depth to Water (below MP) <u>0.41</u>	Static DTW (ft. below GS) _____
Water Column Length (L) (ft.) <u>70.12</u>	One WC Volume (cu. ft.) _____
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>
	Open Interval (depth below GS) <u>Top = _____ / Bottom = _____</u>
	Date <u>3/30/21</u> Time _____
	One WC Volume (gals) <u>11.22</u>
	Surface Contamination (visible)? <u>Y or N</u>

Purging	
PID/FID Reading @ Wellhead* _____	Concentration _____ ppm
Free Product (circle: LNAPL or DNAPL)* _____	Detected/Sampled? <u>Y or N / Y or N</u>
Well Purging Equipment _____	Pump, bailer? <u>BAILER</u>
Purging Date/Time _____	Start <u>3/30 10946</u>
Pump/Bailer Intake Set at _____	Feet below MP _____
Amt. Purged before Sampling _____	Gals./WC Volumes <u>13.14</u>
	Background Conc. _____ ppm
	Appearance <u>☉</u>
	Type _____
	Finish <u>3/30 1017</u>
	Avg. Purge Rate _____ gpm
	Purge Protocol of <u>4</u> WCV's met? <u>Y or N</u>

Field Water-Quality Measurements and Observations	
Date/Time Measurements Began _____	Purge Rate for Measurements (gpm) _____
Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?	Y or N _____
All Field Measurement Instruments Calibrated according to Protocol?	Y or N _____
All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?	Y or N _____
The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other* _____	
Sample Appearance: <u>☉</u>	Odor: _____

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 ° C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

Sample Collection	
Sampling Device (type of pump/bailer)* <u>BAILER</u>	Sample Medium (wall water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <u>Y or N</u>	Dedicated Equipment? <u>Y or N</u>
	Used Same Equip. for Purge? <u>Y or N</u>
Pump Intake/Bailer Set at (ft. below MP) _____	Interval Samples Represent (ft. below GS) Top = _____ / Bottom = _____
Date/Time Sampling Began <u>3/30 1017</u>	Date/Time Sampling Finished <u>3/30 1020</u>
Depth to Water (ft. below MP) <u>2.14</u>	Depth to Water (ft. below MP) _____
QC Samples Collected? <u>Y or N</u> (see reverse*)	Sample Withdrawal Rate _____ gpm
<b>All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes* 1. ___ 2. ___</b>	
Remarks (1)* (include protocol exceptions) _____	
Form Completed by <u>Mark Davidson</u>	(sign in ink) Date <u>3/30/21</u>

wq-gw1-01  $([5 \times 0.16][4]) + (65.12 \times 0.16)$   
 $3.2 \qquad \qquad \qquad 10.42 \qquad \qquad \qquad = 13.62$

# GROUND WATER SAMPLING INFORMATION FORM\*

Site # \_\_\_\_\_

## General Information

Location (Site/Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>MW-10-304</u>
Project Name # <u>06080601</u>	Type (non well, spring, etc.) <u>Mon well</u>
Field Personnel <u>Mark Davidson</u>	Field Sample (Event) ID# <u>March 2021</u>
Sampling Organization <u>MSA Professional Services</u>	Facility ID (for IGWIS data entry) _____
Weather <input type="checkbox"/> ?	Station ID (for IGWIS data entry) _____

## Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP) <u>29.35</u>	Casing Diameter (inches) <u>2</u>	Open Interval (depth below GS) <u>Top - Bottom</u>
Static Depth to Water (below MP) <u>1.91</u>	Static DTW (ft. below GS) _____	Date <u>3/30/21</u> Time _____
Water Column Length (L) (ft) <u>27.44</u>	One WC Volume (cu. ft.) _____	One WC Volume (gals) <u>4.39</u>
Condition: Securely Locked? <u>Y or N</u>	Station (Well) Damaged? <u>Y or N</u>	Surface Contamination (visible)? <u>Y or N</u>

## Purging

Read from left to right

PID/FID Reading @ Wellhead* _____	Concentration _____ ppm	Background Conc. _____ ppm
Free Product (circle: LNAPL or DNAPL)* _____	Detected/Sampled? <u>Y or N</u> <u>Y or N</u>	Appearance <input type="checkbox"/>
Well Purging Equipment _____	Pump, bailer? <u>BAILER</u>	Type* _____
Purging Date/Time _____	Start <u>3/30 1031</u>	Finish <u>3/30 1052</u>
Pump/Bailer Intake Set at _____	Feet below MP _____	Avg. Purge Rate _____ gpm
Am't. Purged before Sampling _____	Gals./WC Volumes <u>7 / 4</u>	Purge Protocol of <u>4 WCV's met?</u> <u>Y or N</u>

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N

All Field Measurement Instruments Calibrated according to Protocol? Y or N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N

The Measurements below Represent: (1) stabilization (2) sample water collected, (3) both 1 and 2, (4) other\* \_\_\_\_\_

Sample Appearance:  clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* BAILER Sample Medium (well water, LNAPL, etc.)\* well water

Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N

Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ Bottom = \_\_\_\_\_

Date/Time Sampling Began 3/30 1052 Date/Time Sampling Finished 3/30 1058

Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_

QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by [Signature] (sign in ink) Date 3/30/21

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Revised 1-12-95

wq-gw1-01  $([5 \times 0.16] [4]) + (22.44 \times 0.16)$   
 $3.2 \quad 3.59$

collect Municipal well #2  
 @ 1030

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet  
Side

## General Information

Location (Site Facility Name) <u>Laundry Basket</u>	Sampling Point (common name) <u>Mw-10-504</u>
Project Name # <u>06080601</u>	Type (iron well, spring, etc.) <u>Mon well</u>
Field Personnel <u>Mark Davidson</u>	Field Sample (Event) ID# <u>March 30 21</u>
Sampling Organization <u>MSA Professional Service</u>	Facility ID (for GWIS data entry)
Weather: <input type="radio"/> ☀ <input type="radio"/> ☁ <input type="radio"/> ☔	Station ID (for GWIS data entry)

## Sampling Station (Well) Details

Read from left to right		130' ← Bottom
Well Depth (ft. below MP) <u>49.45</u>	Casing Diameter (inches) <u>2</u>	Open Interval (depth below GS) <u>-</u>
Static Depth to Water (below MP) <u>1.64</u>	Static DTW (ft. below GS)	Date _____ Time _____
Water Column Length (L) (ft) <u>47.76</u>	One WC Volume (cu. ft.) _____	One WC Volume (gals) <u>7.64</u>
Condition: Securely Locked? <input checked="" type="radio"/> Y or <input type="radio"/> N	Station (Well) Damaged? <input type="radio"/> Y or <input checked="" type="radio"/> N	Surface Contamination (visible)? <input type="radio"/> Y or <input checked="" type="radio"/> N

## Purging

Read from left to right		ppm
PID/FID Reading @ Wellhead*	Concentration _____	Background Conc. _____
Free Product (circle: LNAPL or DNAPL)*	Detected/Sampled? <input type="radio"/> Y or <input checked="" type="radio"/> N	Appearance <input type="radio"/> ☀
Well Purging Equipment	Pump, bailer? <u>BAILER</u>	Type* _____
Purging Date/Time	Start <u>3/30 11056</u>	Finish <u>3/30 1117</u>
Pump/Bailer Intake Set at	Feet below MP _____	Avg. Purge Rate _____ gpm
Amt. Purged before Sampling	Gals./WC Volumes <u>11 / 4</u>	Purge Protocol of <u>4</u> WC's met? <input checked="" type="radio"/> Y or <input type="radio"/> N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_

Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y or  N

All Field Measurement Instruments Calibrated according to Protocol?  Y or  N

All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y or  N

The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance:  clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)* <u>BAILER</u>	Sample Medium (well water, LNAPL, etc.)* <u>well water</u>
Permanently Installed Pump? <input type="radio"/> Y or <input checked="" type="radio"/> N	Dedicated Equipment? <input type="radio"/> Y or <input checked="" type="radio"/> N
Used Same Equip. for Purge? <input checked="" type="radio"/> Y or <input type="radio"/> N	
Pump Intake/Bailer Set at (ft. below MP) _____	Interval Samples Represent (ft. below GS) Top = _____ Bottom = _____
Date/Time Sampling Began <u>3/30 / 1117</u>	Date/Time Sampling Finished <u>3/30 1120</u>
Depth to Water (ft. below MP) _____	Depth to Water (ft. below MP) _____
QC Samples Collected? <input type="radio"/> Y or <input checked="" type="radio"/> N (see reverse*)	Sample Withdrawal Rate _____ gpm

All Field Protocols were followed with no exceptions  Y  N; Enter Protocol Codes\* 1. \_\_\_ 2. \_\_\_

Remarks (1)\* (include protocol exceptions)

Form Completed by [Signature] (sign in ink) Date 3/30/21

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Revised 1-12-95

wq-gw1-01

$$\left( \frac{[5 \times 0.16][4]}{3.2} \right) + (42.76 \times 0.16) = 10.04$$

6.84

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet  
3.3 of 3

## General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-6-30LT  
 Project Name #: 06080601 Type (mon. well, spring, etc.): Mon well  
 Field Personnel: Mark Davidson Field Sample (Event) ID#: March 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather:  ☀  ☁  ☔ Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Road from left to right: 29.97 (ft) (to Bottom)  
 Well Depth (ft below MP): 29.97 Casing Diameter (inches): 2 Open Interval (depth below GS): \_\_\_\_\_  
 Static Depth to Water (below MP): 3.57 Static DTW (ft below GS): \_\_\_\_\_ Date: 3/30/21 Time: \_\_\_\_\_  
 Water Column Length (L) (ft): 26.40 One WC Volume (cu. ft.): \_\_\_\_\_ One WC Volume (gals): 4.22  
 Condition: Securely Locked?  Y  N Station (Well) Damaged?  Y  N Surface Contamination (visible)?  Y  N

## Purging

Read from left to right: \_\_\_\_\_  
 PID/FID Reading @ Wellhead\* Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled?  Y  N  Y or  N Appearance \_\_\_\_\_  
 Well Purging Equipment Pump, bailer? BAILER Type\* \_\_\_\_\_  
 Purging Date/Time Start 3/30/1122 Finish 3/30/1147  
 Pump/Bailer Intake Set at Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt Purged before Sampling Gals./WC Volumes 7 / 4 Purge Protocol of 4 WCV's met?  Y  N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y  N  
 All Field Measurement Instruments Calibrated according to Protocol?  Y  N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y  N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: clean Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	_____ °C	_____	
Electrical Conductivity	_____ µMhos/cm	_____	= meter reading x magnitude x k
Specific Conductance	_____ µMhos/cm	_____	EC corrected to 25 °C
pH	_____ Standard Units	_____	
Dissolved Oxygen	_____ mg/l	_____	
Eh	_____ mV	_____	
Turbidity	_____ NTU	_____	

## Sample Collection

Sampling Device (type of pump/bailer)\* BAILER Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump?  Y  N Dedicated Equipment?  Y  N Used Same Equip. for Purge?  Y  N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began 3/30 1147 Date/Time Sampling Finished 3/30 1150  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected?  Y  N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm  
 All Field Protocols were followed with no exceptions  Y  N; Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by Mark Davidson (sign in ink) Date 3/30/21

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Revised 1-12-95

wq-gw1-01

$$\begin{aligned}
 & ([5 \times 0.16][4]) + (26.40 \times 0.16) \\
 & \quad 3.2 \qquad \qquad \quad 3.42 \qquad \qquad = 6.62
 \end{aligned}$$





# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet:   
 Side:   
 1 of 2

## General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW 13 D  
 Project Name #: 06080601 Type (mon. well, spring, etc.): Mon well  
 Field Personnel: Mark Davidson Field Sample (Event) ID #: March 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): \_\_\_\_\_  
 Weather: Q? Station ID (for IGWIS data entry): \_\_\_\_\_

## Sampling Station (Well) Details

Read from left to right  TOP ← Bottom  
 Well Depth (ft. below MP): 30.85 Casing Diameter (inches): 2 Open Interval (depth below GS): \_\_\_\_\_  
 Static Depth to Water (below MP): 4.93 Static DTW (ft. below GS): \_\_\_\_\_ Date: 3/30/21 Time: \_\_\_\_\_  
 Water Column Length (L) (ft.): 25.92 One WC Volume (cu. ft.): \_\_\_\_\_ One WC Volume (gals): 4.15  
 Condition: Securely Locked?  Y or  N Station (Well) Damaged? Y or  N Surface Contamination (visible)? Y or  N

## Purging

Read from left to right   
 PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or  N Y or  N Appearance \_\_\_\_\_  
 Well Purging Equipment: Pump, bailer? BAILER Type\* \_\_\_\_\_  
 Purging Date/Time: Start 3/30 / 1230 Finish 3/30 / 1252  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 7 / 4 Purge Protocol of 4 WCV's met?  Y  N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or  N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or  N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or  N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: cloudy Odor: slight

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* BAILER Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or  N Dedicated Equipment? Y or  N Used Same Equip. for Purge?  Y or  N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began 3/30 1252 Date/Time Sampling Finished 3/30 1255  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or  N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions  Y  N; Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by Mark Davidson (sign in ink) Date 3/30/21

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Revised 1-12-95

wq-gw1-01  $([5 \times 0.16] [4]) + (20.92 \times 0.16) = 6.55$   
3.2 3.35

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description, and other comments.

# GROUND WATER SAMPLING INFORMATION FORM\*

Sheet  
Side 1 of 2

## General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-15 D  
 Project Name # 06080601 Type (mon. well, spring, etc.) Mon well  
 Field Personnel Mark Davidson Field Sample (Event) ID# March 2021  
 Sampling Organization MSA Professional Services Facility ID (for IGWIS data entry) \_\_\_\_\_  
 Weather:  ☀  ☁  ☔ Station ID (for IGWIS data entry) \_\_\_\_\_

## Sampling Station (Well) Details

Road from left to right  32-87 Top Bottom  
 Well Depth (ft. below MP) \_\_\_\_\_ Casing Diameter (inches) 2 Open Interval (depth below GS) \_\_\_\_\_  
 Static Depth to Water (below MP) 3.52 Static DTW (ft. below GS) \_\_\_\_\_ Date 3/30/21 Time \_\_\_\_\_  
 Water Column Length (L) (ft.) 29.35 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) 4.70  
 Condition: Securely Locked?  Y  N Station (Well) Damaged?  Y  N Surface Contamination (visible)?  Y  N

## Purging

Read from left to right  Top Bottom  
 PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled?  Y  N  Y  N Appearance \_\_\_\_\_  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? BAILER Type \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start 3/30 1300 / 1300 Finish 3/30 1322  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 8 / 4 Purge Protocol of 4 WCV's met?  Y  N

## Field Water-Quality Measurements and Observations

Date/Time Measurements Began N/A Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements?  Y  N  
 All Field Measurement Instruments Calibrated according to Protocol?  Y  N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers?  Y  N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance:  cloudy Odor: slight

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 ° C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

## Sample Collection

Sampling Device (type of pump/bailer)\* BAILER Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump?  Y  N Dedicated Equipment?  Y  N Used Same Equip. for Purge?  Y  N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began 3/30 1322 Date/Time Sampling Finished 3/30 1325  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected?  Y  N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions  Y  N; Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by Mark Davidson (sign in ink) Date 3/30/21

Form GWS #4  
Revised 1-12-95

wq-gw1-01  $( [5 \times 0.16] [4] ) + ( 24.35 \times 0.16 )$   
 $3.2 \qquad \qquad \qquad 3.9 \qquad \qquad \qquad = 7.1$

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-6-30LT  
 Project Name/#: 06080001 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: -  
 Sampling Organization: MSA Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Well Depth (ft. below MP): 29.97 Casing Diameter (inches): \_\_\_\_\_ Open Interval (depth below GS) top -- bottom  
 Static Depth to Water (below MP): 4.76 Static DTW (ft. below GS): \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 ft.) (D 1 ft.)  
 Water Column Length (L) (ft.): 25.21 One WC Volume (cu. ft.): \_\_\_\_\_ One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

PID/FID Reading @ Wellhead\* Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance ☉  
 Well Purging Equipment Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time Start 1 Finish 1  
 Pump/Bailer Intake Set at Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling Gals./WC Volumes 97.1 Purge Protocol of WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: ☉ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

### Sample Collection

Sampling Device (type of pump/bailer): bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 1400  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_  
 Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by [Signature] (sign in ink) Date 7/1/21  
\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4, Revised 1-12-95

6.54 + 2.5

### General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-6-SOLT  
 Project Name/# 06080001 Type (mon. well, spring, etc.) mon. well  
 Field Personnel E. Klingfus Field Sample (Event) ID# -  
 Sampling Organization MSA Facility ID (for IGWIS data entry) -  
 Weather ? Station ID (for IGWIS data entry) -

### Sampling Station (Well) Details

Read from left to right  top -- bottom  
 Well Depth (ft. below MP) 48.95 Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) 0  
 Static Depth to Water (below MP) 4.59 Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.1 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 44.36 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right   
 PID/FID Reading @ Wellhead\* Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance   
 Well Purging Equipment Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time Start 1 Finish 1  
 Pump/Bailer Intake Set at Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling Gals./WC Volumes 12 / 1 Purge Protocol of \_\_\_\_\_ WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began \_\_\_\_\_ / \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance:  \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

### Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 1415  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm  
**All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_ 2. \_\_\_**

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by [Signature] (sign in ink) Date 6/27/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name) MW-10-30LT  
 Project Name/# 06080801 Type (mon. well, spring, etc.) mon. well  
 Field Personnel E. Klingfus Field Sample (Event) ID# -  
 Sampling Organization MSA Facility ID (for IGWIS data entry) -  
 Weather ☀ ? Station ID (for IGWIS data entry) -

### Sampling Station (Well) Details

Well Depth (ft. below MP) 29.35 Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) top -- bottom  
 Static Depth to Water (below MP) 3.57 Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 25.78 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N Appearance ☉  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start ☉ \_\_\_\_\_ Finish ☉ \_\_\_\_\_  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 9.11 Purge Protocol of WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: ☉ \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

### Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 1310  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by [Signature] (sign in ink) Date 6/7/12

Form GWS #4  
Revised 1-12-95

**General Information**

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-10-SOLT  
 Project Name/# 06080801 Type (mon. well, spring, etc.) mon. well  
 Field Personnel E. Klingfus Field Sample (Event) ID# -  
 Sampling Organization MSA Facility ID (for IGWIS data entry) -  
 Weather ? Station ID (for IGWIS data entry) -

**Sampling Station (Well) Details**

Read from left to right  
 Well Depth (ft. below MP) 49.45 Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) 1 (ft.)  
 Static Depth to Water (below MP) 3.23 Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 46.2 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

**Purging**

Read from left to right  
 PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N Appearance ☉  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start 1 Finish 1  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 12.5 / Purge Protocol of WCV's met? Y or N

**Field Water-Quality Measurements and Observations**

Date/Time Measurements Began \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: ☉ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

**Sample Collection**

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 1325  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm  
**All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_**

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by [Signature] (sign in ink) Date 6/7/21  
Form GWS #4 Revised 1-12-95

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-13D  
 Project Name/#: 06080801J Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#\*: -  
 Sampling Organization: MSA Facility ID (for IGWIS data entry): -  
 Weather: ☀ ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Read from left to right top -- bottom  
 Well Depth (ft. below MP): 30.85 Casing Diameter (inches): \_\_\_\_\_ Open Interval (depth below GS) ↑ \_\_\_\_\_  
 Static Depth to Water (below MP): 5.19 Static DTW (ft. below GS): \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.): 25.66 One WC Volume (cu. ft.): \_\_\_\_\_ One WC Volume (gals): \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right ☞  
 PID/FID Reading @ Wellhead\* Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance ☞ \_\_\_\_\_  
 Well Purging Equipment Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time Start ☞ \_\_\_\_\_ / \_\_\_\_\_ Finish ☞ \_\_\_\_\_ / \_\_\_\_\_  
 Pump/Bailer Intake Set at Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling Gals./WC Volumes 9.1 / Purge Protocol of \_\_\_\_\_ WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began \_\_\_\_\_ / \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance: ☞ \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

### Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 11:50  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by [Signature] (sign in ink) Date 10/7/12

☞ \* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4. Revised 1-12-95

6.54 + 2.56 = 9.1

Dip collected



### General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-1SD  
 Project Name/# 06080801 Type (mon. well, spring, etc.) mon. well  
 Field Personnel E. Klingfus Field Sample (Event) ID#\* -  
 Sampling Organization MSA Facility ID (for IGWIS data entry) -  
 Weather ? Station ID (for IGWIS data entry) -

### Sampling Station (Well) Details

Read from left to right  tap -- bottom  
 Well Depth (ft. below MP) 32.87 Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) 0  
 Static Depth to Water (below MP) 5.05 Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 27.82 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right   
 PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N Appearance ☉  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start ☉ / \_\_\_\_\_ Finish ☉ / \_\_\_\_\_  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 9.47 Purge Protocol of \_\_\_ WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began \_\_\_\_\_ / \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance: ☉ clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

### Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 11:30  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions)

Form Completed by [Signature] (sign in ink) Date 6/7/21

Form GWS #4  
Revised 1-12-95

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

$$6.56 + 2.91 = 9.47$$

**General Information**

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-17  
 Project Name/# 06080801J Type (mon. well, spring, etc.) mon. well  
 Field Personnel E. Klingfus Field Sample (Event) ID#\* -  
 Sampling Organization MSA Facility ID (for IGWIS data entry) -  
 Weather ☀ ? Station ID (for IGWIS data entry) -

**Sampling Station (Well) Details**

Read from left to right

Well Depth (ft. below MP) 13.45 Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) top -- bottom  
 Static Depth to Water (below MP) 2.43 Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 in.) (0.1 ft.)  
 Water Column Length (L) (ft.) 11.02 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) 1.8  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

**Purging**

Read from left to right

PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N Appearance ☉  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start ☉ \_\_\_\_\_ Finish ☉ \_\_\_\_\_  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 7.21 Purge Protocol of \_\_\_\_\_ WCV's met? Y or N

**Field Water-Quality Measurements and Observations**

Date/Time Measurements Began \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\* \_\_\_\_\_  
 Sample Appearance: ☉ \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	_____ °C		
Electrical Conductivity	_____ μMhos/cm		= meter reading x magnitude x k
Specific Conductance	_____ μMhos/cm		EC corrected to 25 °C
pH	_____ Standard Units		
Dissolved Oxygen	_____ mg/l		
Eh	_____ mV		
Turbidity	_____ NTU		

**Sample Collection**

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 1215  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse)\* Sample Withdrawal Rate \_\_\_\_\_ gpm

**All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_**

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_  
 Form Completed by [Signature] (sign in ink) Date 7/1/21  
☉ \* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

### General Information

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-17-40  
 Project Name/# 06080001 Type (mon. well, spring, etc.) mon. well  
 Field Personnel E. Klingfus Field Sample (Event) ID#\* -  
 Sampling Organization MSA Facility ID (for IGWIS data entry) -  
 Weather ☉ ? Station ID (for IGWIS data entry) -

### Sampling Station (Well) Details

Read from left to right  
 Well Depth (ft. below MP) 40.43 Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) top -- bottom  
 Static Depth to Water (below MP) 2.14 Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) \_\_\_\_\_ One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right  
 PID/FID Reading @ Wellhead\* Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance ☉  
 Well Purging Equipment Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time Start ☉ / \_\_\_\_\_ Finish ☉ / \_\_\_\_\_  
 Pump/Bailer Intake Set at Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling Gals./WC Volumes 11.21 Purge Protocol of WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance: ☉ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

### Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 1225  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_ 2. \_\_\_

Remarks (1)\* (include protocol exceptions)

Form Completed by [Signature] (sign in ink) Date 10/7/21

**General Information**

Location (Site/Facility Name) Laundry Basket Sampling Point (common name) MW-17-70  
 Project Name/# 06080801J Type (mon. well, spring, etc.) mon. well  
 Field Personnel E. Klingfus Field Sample (Event) ID#\* -  
 Sampling Organization MSA Facility ID (for IGWIS data entry) -  
 Weather ? Station ID (for IGWIS data entry) -

**Sampling Station (Well) Details**

Read from left to right  top -- bottom  
 Well Depth (ft. below MP) 70.53 Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) -  
 Static Depth to Water (below MP) 2.06 Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
(0.01 ft.) (0.1 ft.) (0.1 ft.)  
 Water Column Length (L) (ft.) 68.47 One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

**Purging**

Read from left to right   
 PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N Appearance  \_\_\_\_\_  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start  \_\_\_\_\_ / \_\_\_\_\_ Finish  \_\_\_\_\_ / \_\_\_\_\_  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes 16.1 / Purge Protocol of \_\_\_\_\_ WCV's met? Y or N

**Field Water-Quality Measurements and Observations**

Date/Time Measurements Began \_\_\_\_\_ / \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_  
 Sample Appearance:  \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 ° C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

**Sample Collection**

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished 12:45  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse)\* Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions) \_\_\_\_\_

Form Completed by [Signature] (sign in ink) Date 10/7/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

$6.54 + 9.6 =$

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-  
 Project Name/#: 06080801J Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: -  
 Sampling Organization: MSA Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Read from left to right top -- bottom  
 Well Depth (ft. below MP) \_\_\_\_\_ Casing Diameter (inches) \_\_\_\_\_ Open Interval (depth below GS) ↑ \_\_\_\_\_  
(0.1 ft.) (0.1 ft.) (0.1 ft.) (0.1 ft.) Date \_\_\_\_\_ Time \_\_\_\_\_  
 Static Depth to Water (below MP) \_\_\_\_\_ Static DTW (ft. below GS) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
 Water Column Length (L) (ft.) \_\_\_\_\_ One WC Volume (cu. ft.) \_\_\_\_\_ One WC Volume (gals) \_\_\_\_\_  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right  
 PID/FID Reading @ Wellhead\* \_\_\_\_\_ Concentration \_\_\_\_\_ ppm Background Conc. \_\_\_\_\_ ppm  
 Free Product (circle: LNAPL or DNAPL)\* \_\_\_\_\_ Detected/Sampled? Y or N / Y or N Appearance ☉ \_\_\_\_\_  
 Well Purging Equipment \_\_\_\_\_ Pump, bailer? bailer Type\* \_\_\_\_\_  
 Purging Date/Time \_\_\_\_\_ Start ☉ \_\_\_\_\_ / \_\_\_\_\_ Finish ☉ \_\_\_\_\_ / \_\_\_\_\_  
 Pump/Bailer Intake Set at \_\_\_\_\_ Feet below MP \_\_\_\_\_ Avg. Purge Rate \_\_\_\_\_ gpm  
 Amt. Purged before Sampling \_\_\_\_\_ Gals./WC Volumes / \_\_\_\_\_ Purge Protocol of WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began \_\_\_\_\_ / \_\_\_\_\_ Purge Rate for Measurements (gpm) \_\_\_\_\_  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? \_\_\_\_\_ Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? \_\_\_\_\_ Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? \_\_\_\_\_ Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: \_\_\_\_\_

Sample Appearance: ☉ \_\_\_\_\_ Odor: \_\_\_\_\_

Field Measurement	Value	Time (24 hour)	Comments*
Temperature	°C		
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 °C
pH	Standard Units		
Dissolved Oxygen	mg/l		
Eh	mV		
Turbidity	NTU		

### Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) \_\_\_\_\_ Interval Samples Represent (ft. below GS) Top = \_\_\_\_\_ / Bottom = \_\_\_\_\_  
 Date/Time Sampling Began \_\_\_\_\_ Date/Time Sampling Finished \_\_\_\_\_  
 Depth to Water (ft. below MP) \_\_\_\_\_ Depth to Water (ft. below MP) \_\_\_\_\_  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate \_\_\_\_\_ gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. \_\_\_\_\_ 2. \_\_\_\_\_

Remarks (1)\* (include protocol exceptions)

Form Completed by [Signature] (sign in ink) Date 7/1/21

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-6-SOLT  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Well Depth (ft. below MP): 48.95 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 4.59 Static DTW (ft. below GS): - Date: - Time: -  
 Water Column Length (L) (ft.): 44.36 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

PID/FID Reading @ Wellhead\* Concentration - ppm Background Conc. - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance -  
 Well Purging Equipment Pump, bailer? bailer Type\* -  
 Purging Date/Time Start 1 Finish 1  
 Pump/Bailer Intake Set at Feet below MP Avg. Purge Rate - gpm  
 Amt. Purged before Sampling Gals./WC Volumes 197 Purge Protocol of - WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began 1 Purge Rate for Measurements (gpm) -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: Clr Odor: None

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			No parameters collected
Eh			
Turbidity			

### Sample Collection

Sampling Device (type of pump/bailer)\* bailer Sample Medium (well water, LNAPL, etc.)\* well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP) - Interval Samples Represent (ft. below GS) Top = - / Bottom = -  
 Date/Time Sampling Began - Date/Time Sampling Finished 9/24/21 / 1140  
 Depth to Water (ft. below MP) - Depth to Water (ft. below MP) -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions) -

Form Completed by E. Klingfus (sign in ink) Date 9/24/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

Form GWS #4  
Revised 1-12-95

$$3.27 + (39.36 - 0.1635)$$

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-10-30LT  
 Project Name/#: 26080801 Type (mon, well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Svcs Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP): 29.97 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 4.70 Static DTW (ft. below GS): - Date: - Time: -  
 Water Column Length (L) (ft.): 25.21 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right

PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? bailer Type\*: -  
 Purging Date/Time Start: - Finish: -  
 Pump/Bailer Intake Set at Feet below MP Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 6.57 / 26.21 Purge Protocol of 4 WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began: - Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: Clr Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			
Eh			
Turbidity			

*No parameters collected*

### Sample Collection

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = - / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 1120  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -  
 Remarks (1)\* (include protocol exceptions): -

Form Completed by: E. Klingfus (sign in ink) Date: 9/24/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

$$4(5 \cdot 0.1635) + (20.21 \cdot 0.1635)$$

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-10-30LT  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Read from left to right

Well Depth (ft. below MP): 29.35 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 3.52 Static DTW (ft. below GS): - Date: - Time: -  
 Water Column Length (L) (ft.): 25.83 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right

PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? bailer Type\*: -  
 Purging Date/Time Start: / Finish: /  
 Pump/Bailer Intake Set at Feet below MP: - Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 6.68 / Purge Protocol of - WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			No parameters collected
Eh			
Turbidity			

### Sample Collection

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = - / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 1155  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -  
 Form Completed by: E. Klingfus (sign in ink) Date: 9/24/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

$$3.27 + (20.83 - 0.1435)$$



**General Information**

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-10-SOLT  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): -  
 Weather: ? Station ID (for IGWIS data entry): -

**Sampling Station (Well) Details**

Read from left to right  Top ← Bottom  
 Well Depth (ft. below MP): 49.45 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 3.19 Static DTW (ft. below GS): - Date: - Time: -  
 Water Column Length (L) (ft.): 46.26 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

**Purging**

Read from left to right   
 PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? bailer Type\*: -  
 Purging Date/Time Start: / Finish: /  
 Pump/Bailer Intake Set at Feet below MP Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 10.01 Purge Protocol of - WCV's met? Y or N

**Field Water-Quality Measurements and Observations**

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: clr Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			
Eh			
Turbidity			

*No parameters collected*

**Sample Collection**

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 12:15  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: [Signature] (sign in ink) Date: 9/24/21

Form GWS #4  
Revised 1-12-95

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments

$$3.27 + (41.26 \cdot 0.1635)$$

**General Information**

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-13D  
 Project Name/#: 06080801 Type (mon, well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

**Sampling Station (Well) Details**

Read from left to right

Well Depth (ft. below MP): 30.85 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 5.16 Static DTW (ft. below GS): - Date: - Time: -  
 Water Column Length (L) (ft.): 25.69 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

**Purging**

Read from left to right

PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? bailer Type\*: -  
 Purging Date/Time Start: / Finish: /  
 Pump/Bailer Intake Set at Feet below MP: - Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 6.65 / Purge Protocol of - WCV's met? Y or N

**Field Water-Quality Measurements and Observations**

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: - Odor: -

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			
Eh			
Turbidity			

*No parameters collected*

**Sample Collection**

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = - / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 1420  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -  
 Form Completed by: [Signature] (sign in ink) Date: 9/24/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, optional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-05

$3.27 + (20.69 \cdot 0.1635)$

**General Information**

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-15D  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Svcs Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

**Sampling Station (Well) Details**

Read from left to right  
 Well Depth (ft. below MP): 32.87 Casing Diameter (inches): 2" Open Interval (depth below GS) -  
 Static Depth to Water (below MP): 5.03 (0.01 ft.) Static DTW (ft. below GS): - (0.1 ft.) Date: - Time: -  
 Water Column Length (L) (ft.): 27.84 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

**Purging**

Read from left to right  
 PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? bailer Type\*: -  
 Purging Date/Time Start: / Finish: /  
 Pump/Bailer Intake Set at Feet below MP Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 7.0 / Purge Protocol of - WCV's met? Y or N

**Field Water-Quality Measurements and Observations**

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: - Odor: -

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity	µMhos/cm		= meter reading x magnitude x k
Specific Conductance	µMhos/cm		EC corrected to 25 ° C
pH	Standard Unit		
Dissolved Oxygen	mg/l		<u>No parameters collected</u>
Eh	mV		
Turbidity	NTU		

**Sample Collection**

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 1335  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -  
 Form Completed by: E. Klingfus (sign in ink) Date: 9/24/21  
 Form GWS #4 Revised 1-12-95

$3.27 + (22.84 \cdot 0.1635)$  Dup@1340

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-17  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Read from left to right  
 Well Depth (ft. below MP): 13.45 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 2.42 Static DTW (ft. below GS): - Date: - Time: -  
 Water Column Length (L) (ft.): 11.03 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right  
 PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? bailer Type: -  
 Purging Date/Time Start: / Finish: /  
 Pump/Bailer Intake Set at Feet below MP: - Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 7.2 / Purge Protocol of - WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: clear Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			<u>No parameters collected</u>
Eh			
Turbidity			

### Sample Collection

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 1240  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: E. Klingfus (sign in ink) Date: 9/24/21

**General Information**

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-17-40  
 Project Name/#: 06080801 Type (mon. well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Services Facility ID (for IGWIS data entry): -  
 Weather: ☉ ? Station ID (for IGWIS data entry): -

**Sampling Station (Well) Details**

Read from left to right

Well Depth (ft. below MP): 40.43 Casing Diameter (inches): 2" Open Interval (depth below GS): -  
 Static Depth to Water (below MP): 2.13 Static DTW (ft. below GS): - Date: - Time: -  
 Water Column Length (L) (ft.): 38.30 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

**Purging**

Read from left to right

PID/FID Reading @ Wellhead\* Concentration: - ppm Background Conc.: - ppm  
 Free Product (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
 Well Purging Equipment Pump, bailer? bailer Type\*: -  
 Purging Date/Time Start: / Finish: /  
 Pump/Bailer Intake Set at Feet below MP Avg. Purge Rate: - gpm  
 Amt. Purged before Sampling Gals./WC Volumes: 8.71 / Purge Protocol of - WCV's met? Y or N

**Field Water-Quality Measurements and Observations**

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: Clr Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			
Eh			
Turbidity			

*No parameters collected*

**Sample Collection**

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 1255  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

Remarks (1)\* (include protocol exceptions): -

Form Completed by: E. Klingfus (sign in ink) Date: 9/24/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

3.27 + (

### General Information

Location (Site/Facility Name): Laundry Basket Sampling Point (common name): MW-17-70  
 Project Name/#: 06080801 Type (mon, well, spring, etc.): mon. well  
 Field Personnel: E. Klingfus Field Sample (Event) ID#: Sept. 2021  
 Sampling Organization: MSA Professional Svcs Facility ID (for IGWIS data entry): -  
 Weather: ? Station ID (for IGWIS data entry): -

### Sampling Station (Well) Details

Read from left to right:  **Well Depth** (ft. below MP): 70.53 Casing Diameter (inches): 2" Open Interval (depth below GS)  -  
**Static Depth to Water** (below MP): 1.99 Static DTW (ft. below GS): - Date: - Time: -  
**Water Column Length (L)** (ft.): 68.54 One WC Volume (cu. ft.): - One WC Volume (gals): -  
 Condition: Securely Locked? Y or N Station (Well) Damaged? Y or N Surface Contamination (visible)? Y or N

### Purging

Read from left to right:  **PID/FID Reading @ Wellhead\*** Concentration: - ppm Background Conc.: - ppm  
**Free Product** (circle: LNAPL or DNAPL)\* Detected/Sampled? Y or N / Y or N Appearance: -  
**Well Purging Equipment** Pump, bailer? bailer Type: -  
**Purging Date/Time** Start: / Finish: /  
**Pump/Bailer Intake Set at** Feet below MP: - Avg. Purge Rate: - gpm  
**Amt. Purged before Sampling** Gals./WC Volumes: 13.00 Purge Protocol of - WCV's met? Y or N

### Field Water-Quality Measurements and Observations

Date/Time Measurements Began: / Purge Rate for Measurements (gpm): -  
 Submersible Pump with direct line to Flow Cell used for all Field Water Quality Measurements? Y or N  
 All Field Measurement Instruments Calibrated according to Protocol? Y or N  
 All Field Water Quality Parameters Stabilized according to Protocol Criteria just before filling sample containers? Y or N  
 The Measurements below Represent: (1) stabilization, (2) sample water collected, (3) both 1 and 2, (4) other\*: -  
 Sample Appearance: clr Odor: none

Field Measurement	Value	Time (24 hour)	Comments*
Temperature			
Electrical Conductivity			= meter reading x magnitude x k
Specific Conductance			EC corrected to 25 °C
pH			
Dissolved Oxygen			No parameters collected
Eh			
Turbidity			

### Sample Collection

Sampling Device (type of pump/bailer)\*: bailer Sample Medium (well water, LNAPL, etc.): well water  
 Permanently Installed Pump? Y or N Dedicated Equipment? Y or N Used Same Equip. for Purge? Y or N  
 Pump Intake/Bailer Set at (ft. below MP): - Interval Samples Represent (ft. below GS) Top = / Bottom = -  
 Date/Time Sampling Began: - Date/Time Sampling Finished: 9/24/21 / 1315  
 Depth to Water (ft. below MP): - Depth to Water (ft. below MP): -  
 QC Samples Collected? Y or N (see reverse\*) Sample Withdrawal Rate: - gpm

All Field Protocols were followed with no exceptions (Y, N); Enter Protocol Codes\* 1. - 2. -

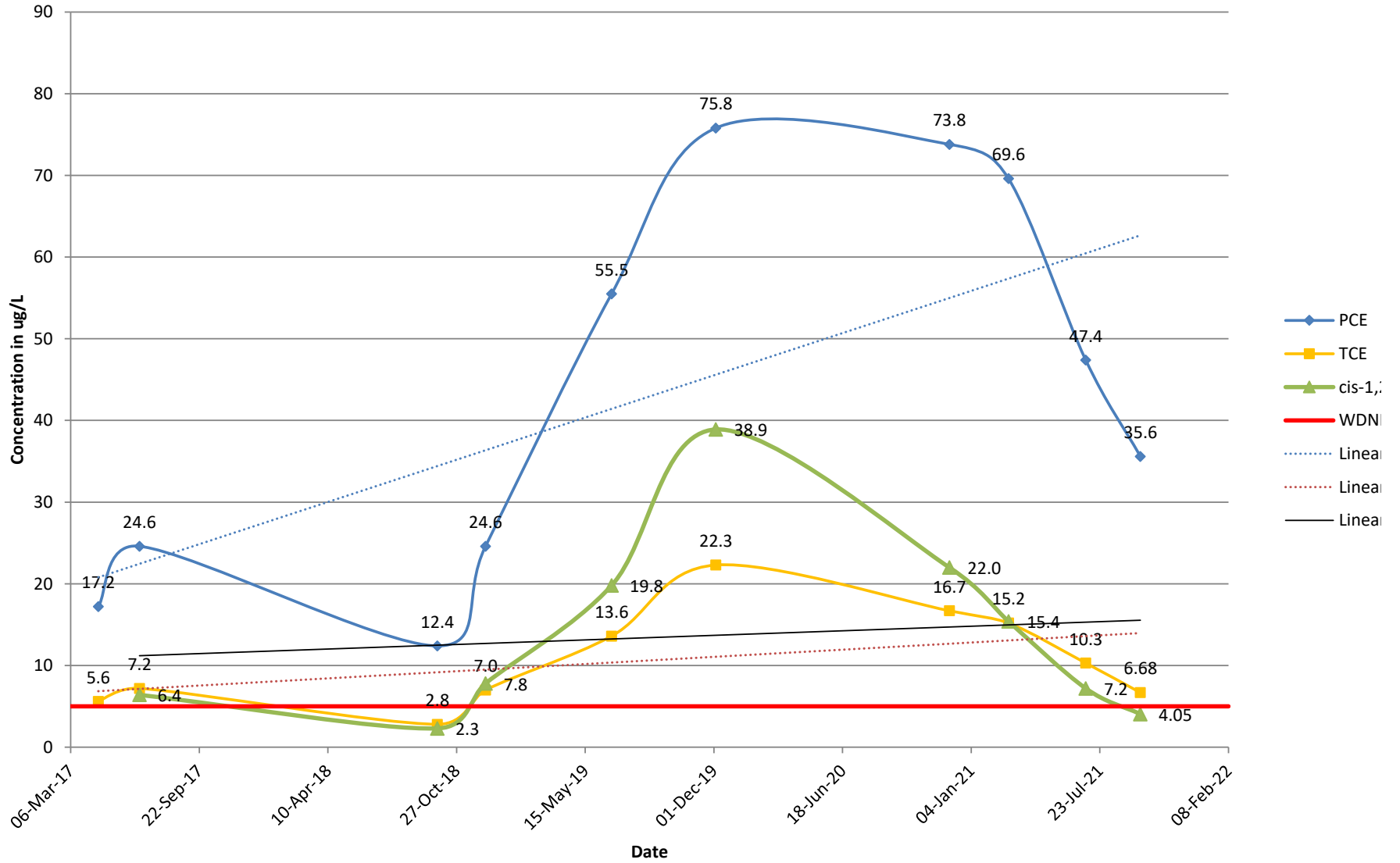
Remarks (1)\* (include protocol exceptions): -  
 Form Completed by: E. Klingfus (sign in ink) Date: 9/24/21

\* Side 2 of this form contains definitions of abbreviations, protocol codes, additional room for equipment specification, QC sample description and other comments. Form GWS #4 Revised 1-12-95

$$3.27 + (0.1635 \cdot 63.54)$$

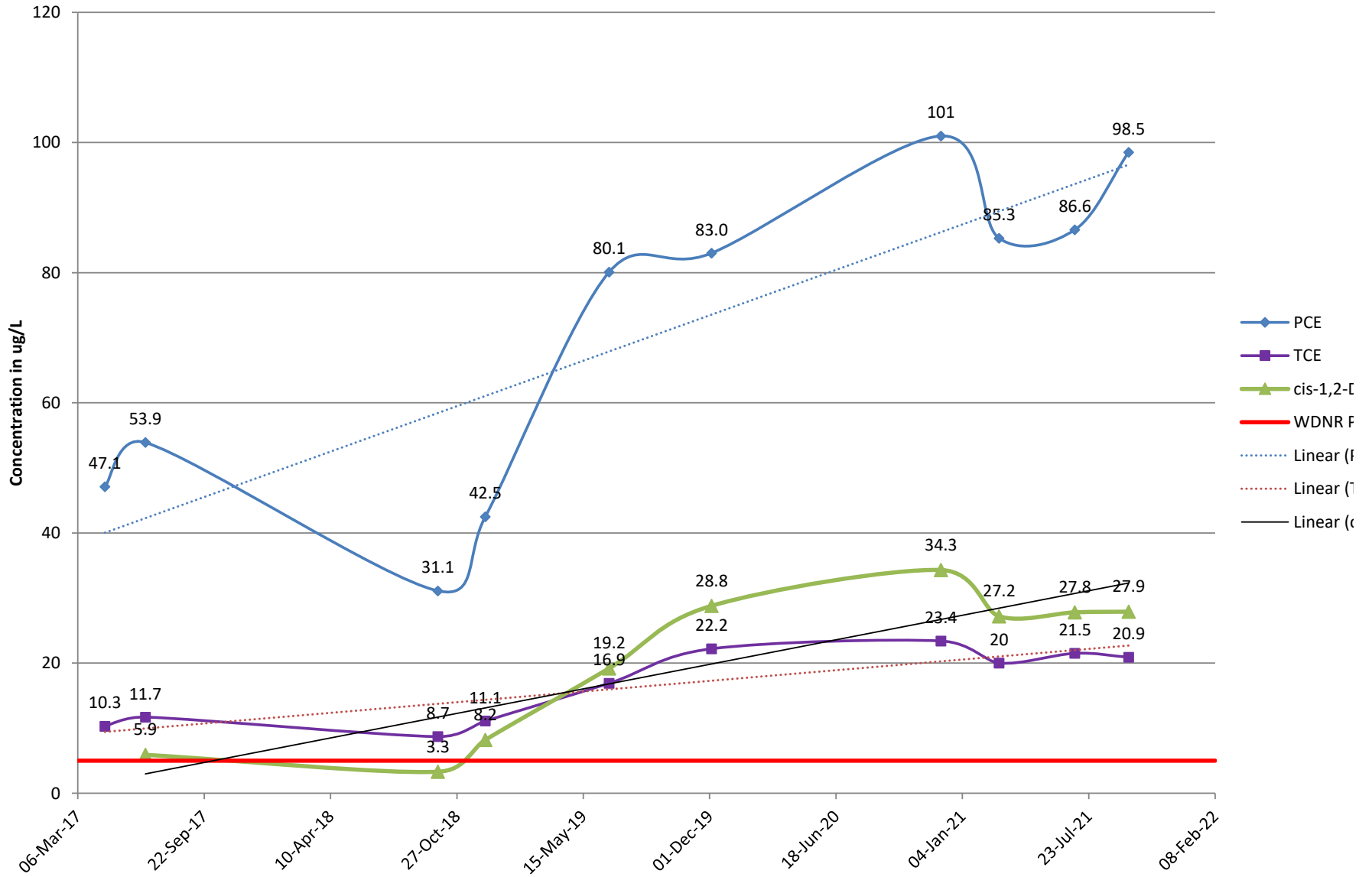
**APPENDIX B**  
MONITORING WELL CONTAMINANT CONCENTRATION  
TREND GRAPHS

**PCE and TCE Concentrations in Monitoring Well MW-13D  
Laundry Basket Site, Luck, WI**

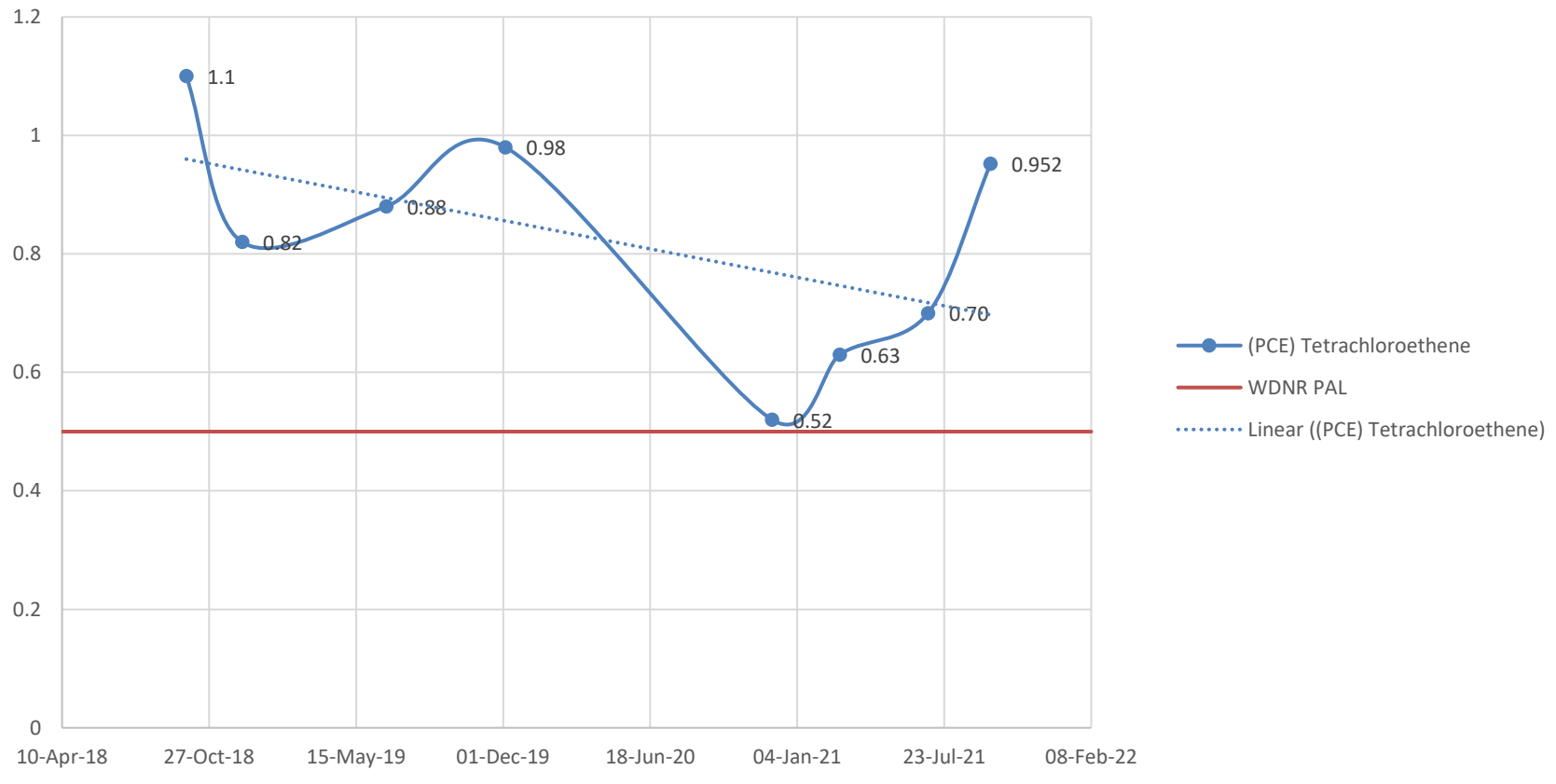




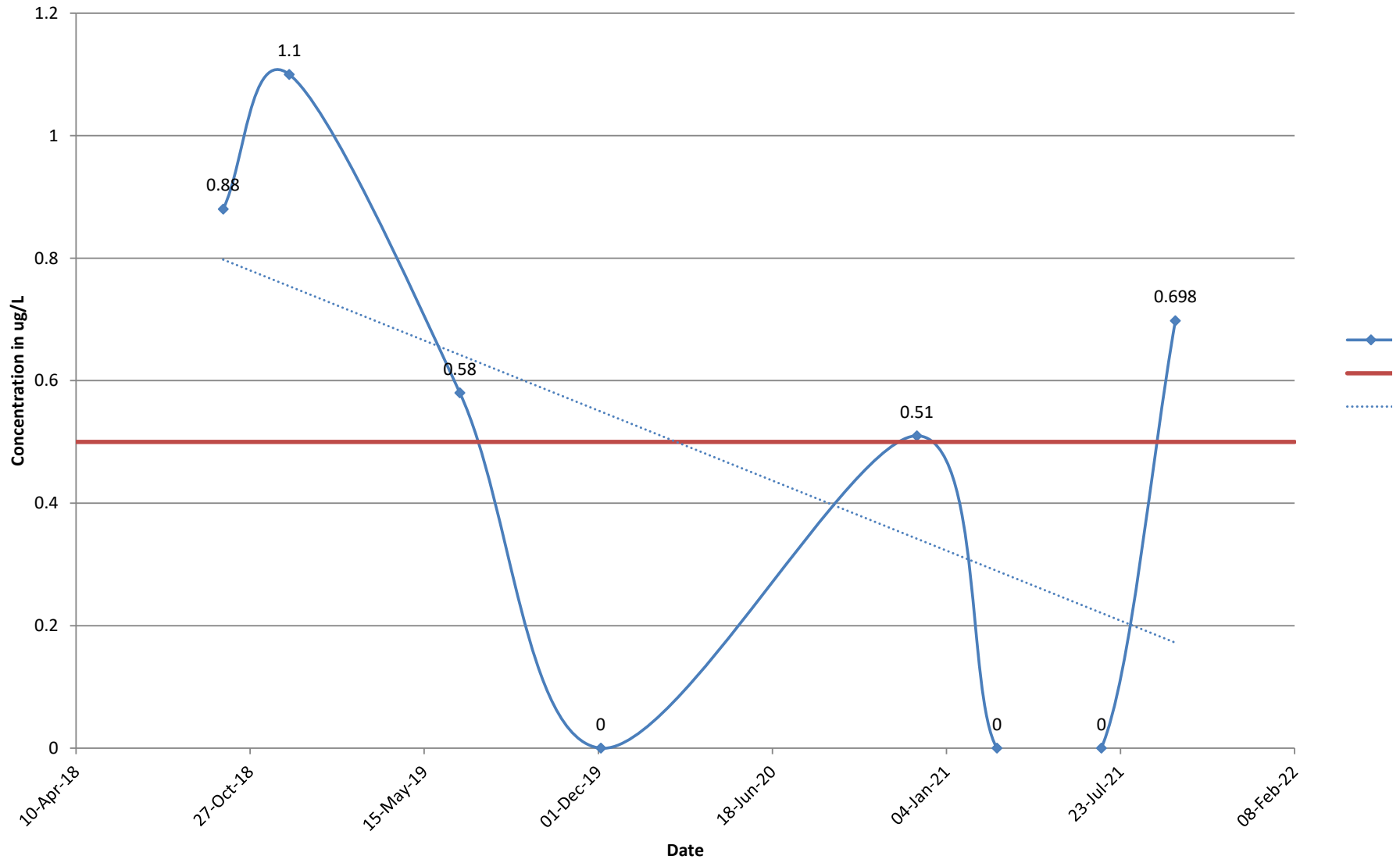
**PCE and TCE Concentrations in Monitoring Well MW-15D  
Laundry Basket Site, Luck, WI**



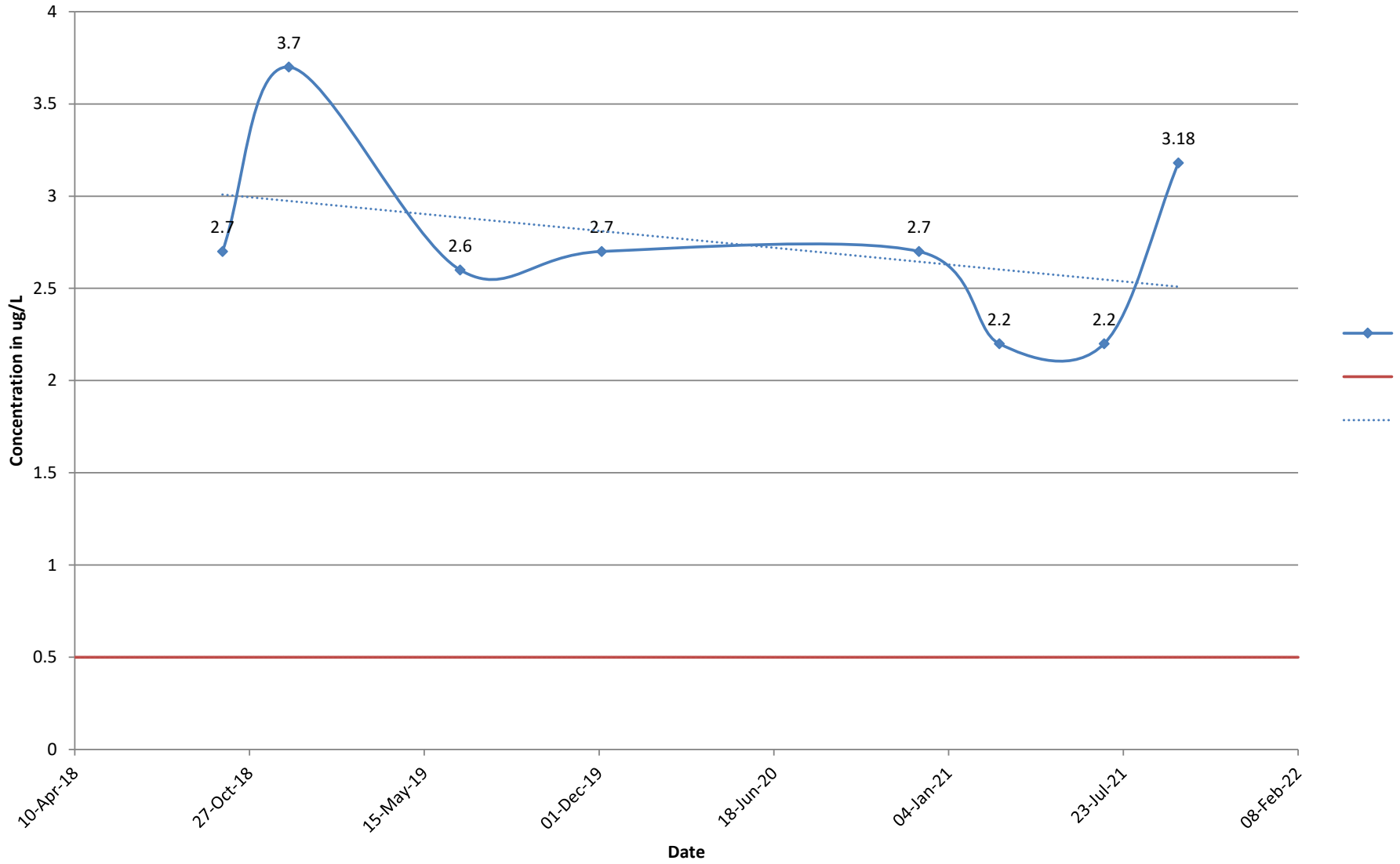
### Concentrations in MW-17 Laundry Basket Site, Luck, WI



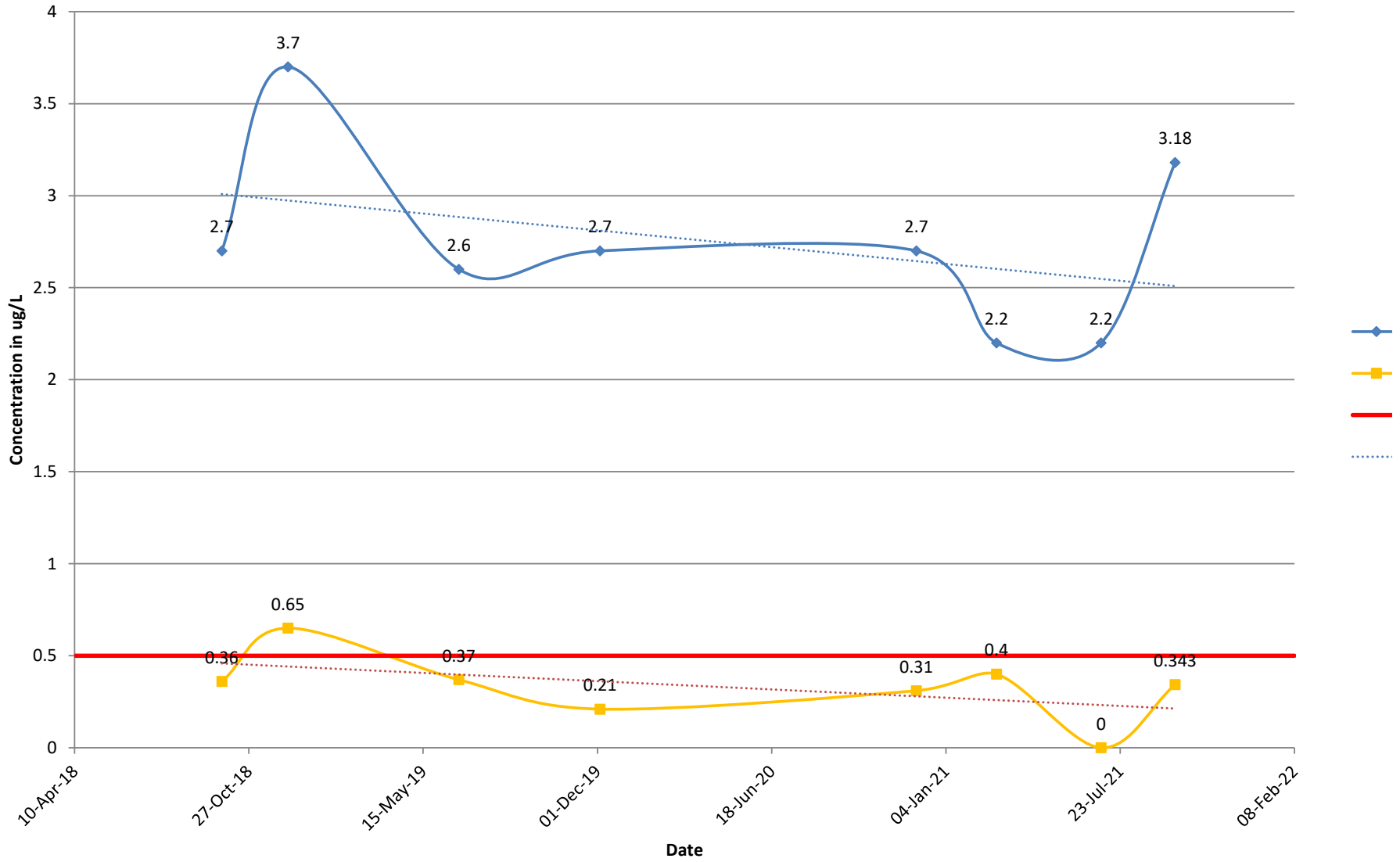
PCE Concentrations in Monitoring Well MW-6LT-30  
Laundry Basket Site, Luck, WI



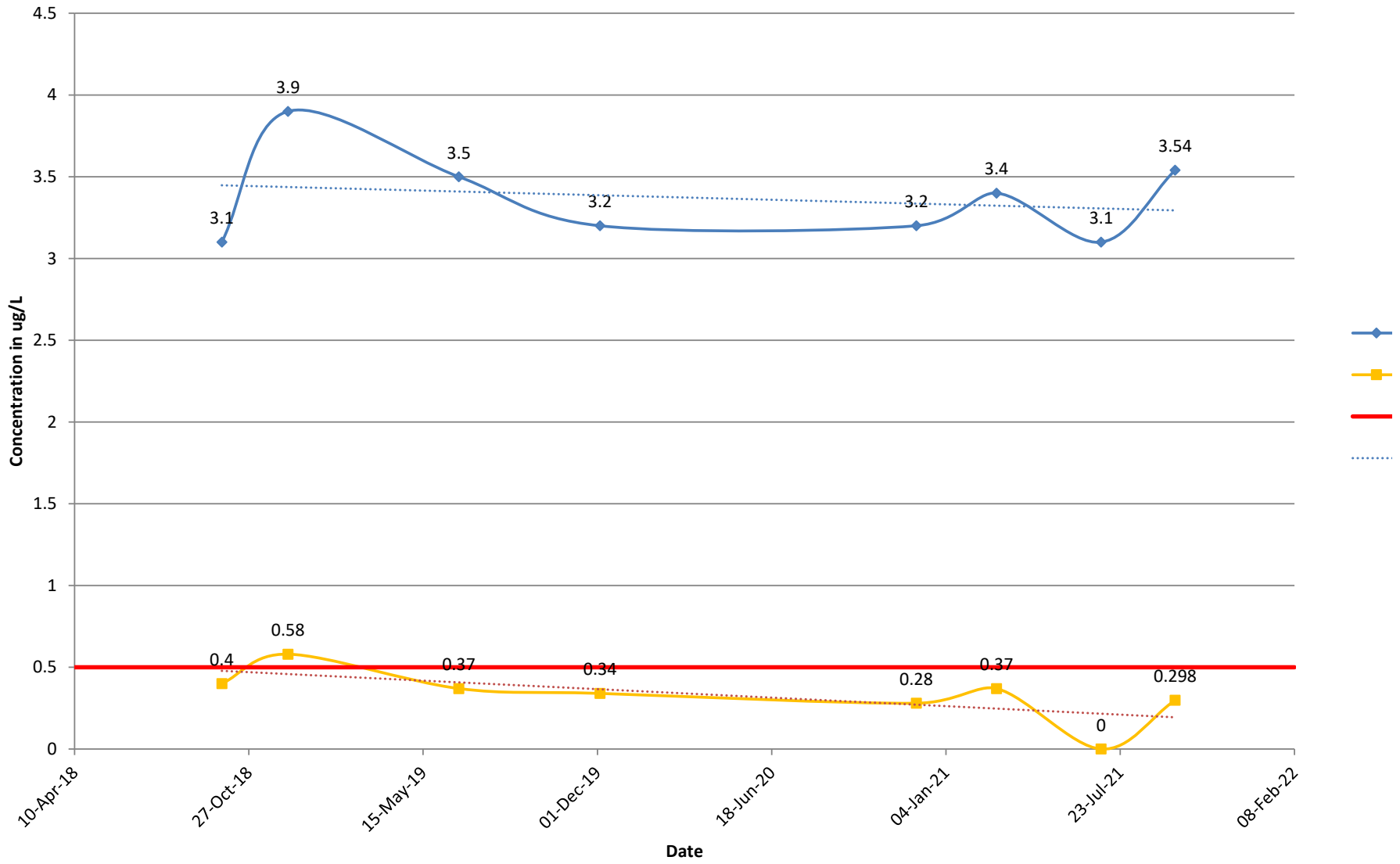
PCE Concentrations in Monitoring Well MW-6LT-50  
Laundry Basket Site, Luck, WI



PCE and TCE Concentrations in Monitoring Well MW-10LT-30  
Laundry Basket Site, Luck, WI



PCE and TCE Concentrations in Monitoring Well MW-10LT-50  
Laundry Basket Site, Luck, WI



**APPENDIX C**  
LABORATORY ANALYTICAL REPORTS

December 15, 2020

Mark Davidson  
MSA Professional Services  
332 W. Superior St. #600  
Duluth, MN 55802

RE: Project: 6080801 Laundry Basket  
Pace Project No.: 10540802

Dear Mark Davidson:

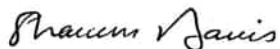
Enclosed are the analytical results for sample(s) received by the laboratory on December 01, 2020. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

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

Sincerely,



Shawn Davis  
shawn.davis@pacelabs.com  
612-607-6378  
Project Manager

Enclosures

cc: Paul Butler, MSA Professional Services  
Erica Klingfus, MSA Professional Services



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

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### **Pace Analytical Services - Minneapolis MN**

1700 Elm Street SE, Minneapolis, MN 55414

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

A2LA Certification #: 2926.01\*

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009\*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014\*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605\*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086\*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064\*

Maryland Certification #: 322

Massachusetts DWP Certification #: via MN 027-053-137

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137\*

Minnesota Dept of Ag Certification #: via MN 027-053-137

Minnesota Petrofund Certification #: 1240\*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081\*

New Jersey Certification #: MN002

New York Certification #: 11647\*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification #: CL101

Oklahoma Certification #: 9507\*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001\*

Pennsylvania Certification #: 68-00563\*

Puerto Rico Certification #: MN00064

South Carolina Certification #: 74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192\*

Utah Certification #: MN00064\*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163\*

Washington Certification #: C486\*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

\*Please Note: Applicable air certifications are denoted with an asterisk (\*).

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10540802001	MW-17	Water	12/01/20 09:25	12/01/20 16:08
10540802002	MW-17(40)	Water	12/01/20 10:00	12/01/20 16:08
10540802003	MW-17(70)	Water	12/01/20 10:35	12/01/20 16:08
10540802004	MW-10-30LT	Water	12/01/20 11:20	12/01/20 16:08
10540802005	MW-10-50LT	Water	12/01/20 11:45	12/01/20 16:08
10540802006	MW-6-30LT	Water	12/01/20 12:35	12/01/20 16:08
10540802007	MW-6-50LT	Water	12/01/20 13:05	12/01/20 16:08
10540802008	MW-13D	Water	12/01/20 13:30	12/01/20 16:08
10540802009	MW-15D	Water	12/01/20 14:05	12/01/20 16:08
10540802010	Municipal Well #2	Water	12/01/20 10:50	12/01/20 16:08
10540802011	Dup-1	Water	12/01/20 00:00	12/01/20 16:08
10540802012	Trip Blank	Water		12/01/20 16:08

## REPORT OF LABORATORY ANALYSIS

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### SAMPLE ANALYTE COUNT

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10540802001	MW-17	EPA 8260D	MM3	72
10540802002	MW-17(40)	EPA 8260D	MM3	72
10540802003	MW-17(70)	EPA 8260D	MM3	72
10540802004	MW-10-30LT	EPA 8260D	MM3	72
10540802005	MW-10-50LT	EPA 8260D	MM3	72
10540802006	MW-6-30LT	EPA 8260D	MM3	72
10540802007	MW-6-50LT	EPA 8260D	MM3	72
10540802008	MW-13D	EPA 8260D	MM3	72
10540802009	MW-15D	EPA 8260D	MM3	72
10540802010	Municipal Well #2	EPA 8260D	MM3	72
10540802011	Dup-1	EPA 8260D	MM3	72
10540802012	Trip Blank	EPA 8260D	MM3	72

PASI-M = Pace Analytical Services - Minneapolis

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

---

**Method:** EPA 8260D

**Description:** 8260D VOC

**Client:** MSA MN/WI

**Date:** December 15, 2020

### General Information:

12 samples were analyzed for EPA 8260D by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 715823

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- BLANK (Lab ID: 3820686)
  - Allyl chloride
  - Bromomethane
- Dup-1 (Lab ID: 10540802011)
  - Allyl chloride
  - Bromomethane
- MW-10-30LT (Lab ID: 10540802004)
  - Allyl chloride
  - Bromomethane
- MW-10-50LT (Lab ID: 10540802005)
  - Allyl chloride
  - Bromomethane
- MW-13D (Lab ID: 10540802008)
  - Allyl chloride
  - Bromomethane
- MW-15D (Lab ID: 10540802009)
  - Allyl chloride
  - Bromomethane
- MW-17 (Lab ID: 10540802001)
  - Allyl chloride
  - Bromomethane
- MW-17(40) (Lab ID: 10540802002)
  - Allyl chloride
  - Bromomethane
- MW-17(70) (Lab ID: 10540802003)
  - Allyl chloride
  - Bromomethane
- MW-6-30LT (Lab ID: 10540802006)
  - Allyl chloride

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

---

**Method:** EPA 8260D

**Description:** 8260D VOC

**Client:** MSA MN/WI

**Date:** December 15, 2020

QC Batch: 715823

v2: The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

- Bromomethane
- MW-6-50LT (Lab ID: 10540802007)
  - Allyl chloride
  - Bromomethane
- Municipal Well #2 (Lab ID: 10540802010)
  - Allyl chloride
  - Bromomethane
- Trip Blank (Lab ID: 10540802012)
  - Allyl chloride
  - Bromomethane

v3: The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

- LCS (Lab ID: 3820687)
  - Allyl chloride
  - Bromomethane
- MS (Lab ID: 3822190)
  - Allyl chloride
  - Bromomethane
- MSD (Lab ID: 3822191)
  - Allyl chloride
  - Bromomethane

### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Additional Comments:

## REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

---

**Method:** EPA 8260D

**Description:** 8260D VOC

**Client:** MSA MN/WI

**Date:** December 15, 2020

Analyte Comments:

QC Batch: 715823

- BLANK (Lab ID: 3820686)
  - Dichlorofluoromethane
- Dup-1 (Lab ID: 10540802011)
  - Dichlorofluoromethane
- LCS (Lab ID: 3820687)
  - Dichlorofluoromethane
- MS (Lab ID: 3822190)
  - Dichlorofluoromethane
- MSD (Lab ID: 3822191)
  - Dichlorofluoromethane
- MW-10-30LT (Lab ID: 10540802004)
  - Dichlorofluoromethane
- MW-10-50LT (Lab ID: 10540802005)
  - Dichlorofluoromethane
- MW-13D (Lab ID: 10540802008)
  - Dichlorofluoromethane
- MW-15D (Lab ID: 10540802009)
  - Dichlorofluoromethane
- MW-17 (Lab ID: 10540802001)
  - Dichlorofluoromethane
- MW-17(40) (Lab ID: 10540802002)
  - Dichlorofluoromethane
- MW-17(70) (Lab ID: 10540802003)
  - Dichlorofluoromethane
- MW-6-30LT (Lab ID: 10540802006)
  - Dichlorofluoromethane
- MW-6-50LT (Lab ID: 10540802007)
  - Dichlorofluoromethane
- Municipal Well #2 (Lab ID: 10540802010)
  - Dichlorofluoromethane
- Trip Blank (Lab ID: 10540802012)
  - Dichlorofluoromethane

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-17**      **Lab ID: 10540802001**      Collected: 12/01/20 09:25      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 16:43	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 16:43	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 16:43	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 16:43	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 16:43	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 16:43	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 16:43	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 16:43	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 16:43	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 16:43	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 16:43	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 16:43	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 16:43	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 16:43	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 16:43	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 16:43	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 16:43	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 16:43	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 16:43	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 16:43	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 16:43	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 16:43	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 16:43	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 16:43	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 16:43	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 16:43	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 16:43	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 16:43	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 16:43	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 16:43	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 16:43	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 16:43	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 16:43	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 16:43	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 16:43	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 16:43	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 16:43	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 16:43	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 16:43	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 16:43	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 16:43	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 16:43	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 16:43	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 16:43	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 16:43	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-17**      **Lab ID: 10540802001**      Collected: 12/01/20 09:25      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 16:43	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 16:43	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 16:43	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 16:43	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 16:43	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 16:43	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 16:43	79-34-5	
Tetrachloroethene	0.52J	ug/L	0.58	0.17	1		12/14/20 16:43	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 16:43	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 16:43	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 16:43	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 16:43	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 16:43	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 16:43	79-00-5	
Trichloroethene	<0.15	ug/L	0.50	0.15	1		12/14/20 16:43	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 16:43	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 16:43	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 16:43	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 16:43	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 16:43	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 16:43	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 16:43	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 16:43	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 16:43	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	101	%	75-125		1		12/14/20 16:43	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		12/14/20 16:43	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		12/14/20 16:43	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-17(40)**      **Lab ID: 10540802002**      Collected: 12/01/20 10:00      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 16:59	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 16:59	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 16:59	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 16:59	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 16:59	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 16:59	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 16:59	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 16:59	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 16:59	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 16:59	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 16:59	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 16:59	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 16:59	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 16:59	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 16:59	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 16:59	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 16:59	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 16:59	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 16:59	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 16:59	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 16:59	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 16:59	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 16:59	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 16:59	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 16:59	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 16:59	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 16:59	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 16:59	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 16:59	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 16:59	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 16:59	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 16:59	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 16:59	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 16:59	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 16:59	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 16:59	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 16:59	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 16:59	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 16:59	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 16:59	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 16:59	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 16:59	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 16:59	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 16:59	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-17(40)**      **Lab ID: 10540802002**      Collected: 12/01/20 10:00      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 16:59	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 16:59	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 16:59	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 16:59	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 16:59	79-34-5	
Tetrachloroethene	<0.17	ug/L	0.58	0.17	1		12/14/20 16:59	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 16:59	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 16:59	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 16:59	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 16:59	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 16:59	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 16:59	79-00-5	
Trichloroethene	<0.15	ug/L	0.50	0.15	1		12/14/20 16:59	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 16:59	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 16:59	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 16:59	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 16:59	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 16:59	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 16:59	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 16:59	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 16:59	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 16:59	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	101	%	75-125		1		12/14/20 16:59	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		12/14/20 16:59	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125		1		12/14/20 16:59	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-17(70)**      **Lab ID: 10540802003**      Collected: 12/01/20 10:35      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 17:16	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 17:16	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 17:16	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 17:16	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 17:16	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 17:16	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 17:16	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 17:16	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 17:16	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 17:16	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 17:16	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 17:16	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 17:16	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 17:16	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 17:16	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 17:16	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 17:16	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 17:16	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 17:16	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 17:16	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 17:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 17:16	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 17:16	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 17:16	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 17:16	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 17:16	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 17:16	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 17:16	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 17:16	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 17:16	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 17:16	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 17:16	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 17:16	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 17:16	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 17:16	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 17:16	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 17:16	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 17:16	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 17:16	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 17:16	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 17:16	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 17:16	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 17:16	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 17:16	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 17:16	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket  
Pace Project No.: 10540802

**Sample: MW-17(70)**      **Lab ID: 10540802003**      Collected: 12/01/20 10:35      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 17:16	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 17:16	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 17:16	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 17:16	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 17:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 17:16	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 17:16	79-34-5	
Tetrachloroethene	<0.17	ug/L	0.58	0.17	1		12/14/20 17:16	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 17:16	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 17:16	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 17:16	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 17:16	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 17:16	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 17:16	79-00-5	
Trichloroethene	<0.15	ug/L	0.50	0.15	1		12/14/20 17:16	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 17:16	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 17:16	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 17:16	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 17:16	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 17:16	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 17:16	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 17:16	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 17:16	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 17:16	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	102	%	75-125		1		12/14/20 17:16	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		12/14/20 17:16	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		12/14/20 17:16	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-10-30LT**      **Lab ID: 10540802004**      Collected: 12/01/20 11:20      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 17:33	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 17:33	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 17:33	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 17:33	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 17:33	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 17:33	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 17:33	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 17:33	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 17:33	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 17:33	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 17:33	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 17:33	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 17:33	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 17:33	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 17:33	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 17:33	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 17:33	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 17:33	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 17:33	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 17:33	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 17:33	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 17:33	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 17:33	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 17:33	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 17:33	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 17:33	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 17:33	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 17:33	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 17:33	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 17:33	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 17:33	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 17:33	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 17:33	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 17:33	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 17:33	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 17:33	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 17:33	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 17:33	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 17:33	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 17:33	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 17:33	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 17:33	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 17:33	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 17:33	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 17:33	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-10-30LT**      **Lab ID: 10540802004**      Collected: 12/01/20 11:20      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 17:33	108-10-1	
Methyl-tert-butyl ether	0.26J	ug/L	0.39	0.12	1		12/14/20 17:33	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 17:33	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 17:33	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 17:33	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 17:33	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 17:33	79-34-5	
Tetrachloroethene	2.7	ug/L	0.58	0.17	1		12/14/20 17:33	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 17:33	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 17:33	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 17:33	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 17:33	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 17:33	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 17:33	79-00-5	
Trichloroethene	0.31J	ug/L	0.50	0.15	1		12/14/20 17:33	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 17:33	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 17:33	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 17:33	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 17:33	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 17:33	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 17:33	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 17:33	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 17:33	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 17:33	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	100	%	75-125		1		12/14/20 17:33	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		12/14/20 17:33	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		12/14/20 17:33	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-10-50LT**      **Lab ID: 10540802005**      Collected: 12/01/20 11:45      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 17:50	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 17:50	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 17:50	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 17:50	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 17:50	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 17:50	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 17:50	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 17:50	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 17:50	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 17:50	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 17:50	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 17:50	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 17:50	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 17:50	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 17:50	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 17:50	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 17:50	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 17:50	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 17:50	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 17:50	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 17:50	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 17:50	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 17:50	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 17:50	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 17:50	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 17:50	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 17:50	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 17:50	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 17:50	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 17:50	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 17:50	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 17:50	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 17:50	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 17:50	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 17:50	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 17:50	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 17:50	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 17:50	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 17:50	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 17:50	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 17:50	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 17:50	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 17:50	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 17:50	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 17:50	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-10-50LT**      **Lab ID: 10540802005**      Collected: 12/01/20 11:45      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 17:50	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 17:50	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 17:50	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 17:50	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 17:50	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 17:50	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 17:50	79-34-5	
Tetrachloroethene	3.2	ug/L	0.58	0.17	1		12/14/20 17:50	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 17:50	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 17:50	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 17:50	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 17:50	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 17:50	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 17:50	79-00-5	
Trichloroethene	0.28J	ug/L	0.50	0.15	1		12/14/20 17:50	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 17:50	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 17:50	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 17:50	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 17:50	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 17:50	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 17:50	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 17:50	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 17:50	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 17:50	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	102	%	75-125		1		12/14/20 17:50	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		12/14/20 17:50	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		12/14/20 17:50	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-6-30LT**      **Lab ID: 10540802006**      Collected: 12/01/20 12:35      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 18:07	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 18:07	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 18:07	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 18:07	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 18:07	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 18:07	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 18:07	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 18:07	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 18:07	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 18:07	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 18:07	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 18:07	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 18:07	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 18:07	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 18:07	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 18:07	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 18:07	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 18:07	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 18:07	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 18:07	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:07	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 18:07	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 18:07	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 18:07	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 18:07	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 18:07	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 18:07	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 18:07	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 18:07	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 18:07	75-35-4	
cis-1,2-Dichloroethene	0.46J	ug/L	0.66	0.20	1		12/14/20 18:07	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 18:07	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 18:07	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 18:07	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 18:07	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:07	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 18:07	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 18:07	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 18:07	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 18:07	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 18:07	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 18:07	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 18:07	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 18:07	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 18:07	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-6-30LT**      **Lab ID: 10540802006**      Collected: 12/01/20 12:35      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 18:07	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 18:07	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 18:07	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 18:07	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 18:07	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 18:07	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 18:07	79-34-5	
Tetrachloroethene	0.51J	ug/L	0.58	0.17	1		12/14/20 18:07	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 18:07	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:07	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:07	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 18:07	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 18:07	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 18:07	79-00-5	
Trichloroethene	<0.15	ug/L	0.50	0.15	1		12/14/20 18:07	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 18:07	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 18:07	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 18:07	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:07	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:07	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 18:07	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 18:07	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 18:07	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 18:07	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	101	%	75-125		1		12/14/20 18:07	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		12/14/20 18:07	2037-26-5	
4-Bromofluorobenzene (S)	99	%	75-125		1		12/14/20 18:07	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-6-50LT**      **Lab ID: 10540802007**      Collected: 12/01/20 13:05      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 18:24	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 18:24	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 18:24	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 18:24	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 18:24	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 18:24	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 18:24	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 18:24	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 18:24	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 18:24	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 18:24	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 18:24	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 18:24	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 18:24	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 18:24	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 18:24	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 18:24	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 18:24	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 18:24	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 18:24	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:24	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 18:24	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 18:24	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 18:24	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 18:24	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 18:24	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 18:24	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 18:24	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 18:24	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 18:24	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 18:24	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 18:24	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 18:24	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 18:24	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 18:24	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:24	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 18:24	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 18:24	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 18:24	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 18:24	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 18:24	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 18:24	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 18:24	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 18:24	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 18:24	75-09-2	

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### ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-6-50LT**      **Lab ID: 10540802007**      Collected: 12/01/20 13:05      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 18:24	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 18:24	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 18:24	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 18:24	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 18:24	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 18:24	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 18:24	79-34-5	
Tetrachloroethene	0.67	ug/L	0.58	0.17	1		12/14/20 18:24	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 18:24	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:24	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:24	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 18:24	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 18:24	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 18:24	79-00-5	
Trichloroethene	<0.15	ug/L	0.50	0.15	1		12/14/20 18:24	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 18:24	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 18:24	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 18:24	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:24	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:24	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 18:24	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 18:24	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 18:24	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 18:24	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	102	%	75-125		1		12/14/20 18:24	17060-07-0	
Toluene-d8 (S)	97	%	75-125		1		12/14/20 18:24	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125		1		12/14/20 18:24	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-13D**      **Lab ID: 10540802008**      Collected: 12/01/20 13:30      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 18:41	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 18:41	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 18:41	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 18:41	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 18:41	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 18:41	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 18:41	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 18:41	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 18:41	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 18:41	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 18:41	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 18:41	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 18:41	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 18:41	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 18:41	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 18:41	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 18:41	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 18:41	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 18:41	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 18:41	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:41	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 18:41	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 18:41	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 18:41	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 18:41	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 18:41	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 18:41	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 18:41	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 18:41	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 18:41	75-35-4	
cis-1,2-Dichloroethene	22.0	ug/L	0.66	0.20	1		12/14/20 18:41	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 18:41	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 18:41	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 18:41	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 18:41	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:41	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 18:41	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 18:41	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 18:41	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 18:41	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 18:41	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 18:41	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 18:41	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 18:41	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 18:41	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-13D**      **Lab ID: 10540802008**      Collected: 12/01/20 13:30      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 18:41	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 18:41	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 18:41	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 18:41	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 18:41	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 18:41	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 18:41	79-34-5	
Tetrachloroethene	73.8	ug/L	0.58	0.17	1		12/14/20 18:41	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 18:41	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:41	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:41	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 18:41	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 18:41	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 18:41	79-00-5	
Trichloroethene	16.7	ug/L	0.50	0.15	1		12/14/20 18:41	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 18:41	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 18:41	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 18:41	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:41	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:41	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 18:41	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 18:41	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 18:41	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 18:41	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	100	%	75-125		1		12/14/20 18:41	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		12/14/20 18:41	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		12/14/20 18:41	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-15D**      **Lab ID: 10540802009**      Collected: 12/01/20 14:05      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 18:58	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 18:58	107-05-1	v2
Benzene	0.13J	ug/L	0.40	0.12	1		12/14/20 18:58	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 18:58	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 18:58	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 18:58	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 18:58	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 18:58	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 18:58	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 18:58	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 18:58	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 18:58	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 18:58	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 18:58	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 18:58	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 18:58	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 18:58	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 18:58	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 18:58	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 18:58	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:58	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 18:58	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 18:58	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 18:58	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 18:58	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 18:58	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 18:58	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 18:58	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 18:58	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 18:58	75-35-4	
cis-1,2-Dichloroethene	34.3	ug/L	0.66	0.20	1		12/14/20 18:58	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 18:58	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 18:58	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 18:58	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 18:58	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 18:58	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 18:58	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 18:58	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 18:58	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 18:58	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 18:58	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 18:58	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 18:58	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 18:58	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 18:58	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: MW-15D**      **Lab ID: 10540802009**      Collected: 12/01/20 14:05      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 18:58	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 18:58	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 18:58	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 18:58	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 18:58	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 18:58	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 18:58	79-34-5	
Tetrachloroethene	101	ug/L	0.58	0.17	1		12/14/20 18:58	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 18:58	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:58	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:58	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 18:58	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 18:58	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 18:58	79-00-5	
Trichloroethene	23.4	ug/L	0.50	0.15	1		12/14/20 18:58	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 18:58	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 18:58	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 18:58	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 18:58	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 18:58	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 18:58	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 18:58	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 18:58	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 18:58	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	102	%	75-125		1		12/14/20 18:58	17060-07-0	
Toluene-d8 (S)	96	%	75-125		1		12/14/20 18:58	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125		1		12/14/20 18:58	460-00-4	

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### ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

Sample: Municipal Well #2 Lab ID: 10540802010 Collected: 12/01/20 10:50 Received: 12/01/20 16:08 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 14:28	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 14:28	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 14:28	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 14:28	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 14:28	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 14:28	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 14:28	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 14:28	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 14:28	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 14:28	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 14:28	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 14:28	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 14:28	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 14:28	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 14:28	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 14:28	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 14:28	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 14:28	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 14:28	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 14:28	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 14:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 14:28	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 14:28	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 14:28	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 14:28	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 14:28	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 14:28	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 14:28	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 14:28	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 14:28	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 14:28	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 14:28	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 14:28	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 14:28	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 14:28	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 14:28	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 14:28	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 14:28	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 14:28	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 14:28	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 14:28	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 14:28	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 14:28	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 14:28	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 14:28	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: Municipal Well #2**      **Lab ID: 10540802010**      Collected: 12/01/20 10:50      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 14:28	108-10-1	
Methyl-tert-butyl ether	0.40	ug/L	0.39	0.12	1		12/14/20 14:28	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 14:28	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 14:28	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 14:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 14:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 14:28	79-34-5	
Tetrachloroethene	<0.17	ug/L	0.58	0.17	1		12/14/20 14:28	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 14:28	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 14:28	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 14:28	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 14:28	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 14:28	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 14:28	79-00-5	
Trichloroethene	<0.15	ug/L	0.50	0.15	1		12/14/20 14:28	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 14:28	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 14:28	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 14:28	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 14:28	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 14:28	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 14:28	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 14:28	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 14:28	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 14:28	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	98	%	75-125		1		12/14/20 14:28	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		12/14/20 14:28	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		12/14/20 14:28	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: Dup-1**      **Lab ID: 10540802011**      Collected: 12/01/20 00:00      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 14:45	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 14:45	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 14:45	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 14:45	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 14:45	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 14:45	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 14:45	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 14:45	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 14:45	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 14:45	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 14:45	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 14:45	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 14:45	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 14:45	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 14:45	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 14:45	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 14:45	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 14:45	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 14:45	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 14:45	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 14:45	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 14:45	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 14:45	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 14:45	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 14:45	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 14:45	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 14:45	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 14:45	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 14:45	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 14:45	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 14:45	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 14:45	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 14:45	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 14:45	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 14:45	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 14:45	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 14:45	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 14:45	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 14:45	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 14:45	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 14:45	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 14:45	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 14:45	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 14:45	99-87-6	
Methylene Chloride	<1.1	ug/L	3.7	1.1	1		12/14/20 14:45	75-09-2	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample: Dup-1**      **Lab ID: 10540802011**      Collected: 12/01/20 00:00      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 14:45	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 14:45	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 14:45	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 14:45	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 14:45	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 14:45	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 14:45	79-34-5	
Tetrachloroethene	2.6	ug/L	0.58	0.17	1		12/14/20 14:45	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 14:45	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 14:45	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 14:45	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 14:45	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 14:45	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 14:45	79-00-5	
Trichloroethene	0.22J	ug/L	0.50	0.15	1		12/14/20 14:45	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 14:45	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 14:45	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 14:45	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 14:45	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 14:45	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 14:45	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 14:45	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 14:45	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 14:45	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	100	%	75-125		1		12/14/20 14:45	17060-07-0	
Toluene-d8 (S)	99	%	75-125		1		12/14/20 14:45	2037-26-5	
4-Bromofluorobenzene (S)	101	%	75-125		1		12/14/20 14:45	460-00-4	

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

Sample: Trip Blank      Lab ID: 10540802012      Collected:      Received: 12/01/20 16:08      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.5	ug/L	8.4	2.5	1		12/14/20 14:11	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		12/14/20 14:11	107-05-1	v2
Benzene	<0.12	ug/L	0.40	0.12	1		12/14/20 14:11	71-43-2	
Bromobenzene	<0.13	ug/L	0.44	0.13	1		12/14/20 14:11	108-86-1	
Bromochloromethane	<0.36	ug/L	1.2	0.36	1		12/14/20 14:11	74-97-5	
Bromodichloromethane	<0.11	ug/L	0.38	0.11	1		12/14/20 14:11	75-27-4	
Bromoform	<0.27	ug/L	0.90	0.27	1		12/14/20 14:11	75-25-2	
Bromomethane	<0.63	ug/L	2.1	0.63	1		12/14/20 14:11	74-83-9	v2
2-Butanone (MEK)	<0.88	ug/L	2.9	0.88	1		12/14/20 14:11	78-93-3	
n-Butylbenzene	<0.16	ug/L	0.52	0.16	1		12/14/20 14:11	104-51-8	
sec-Butylbenzene	<0.15	ug/L	0.49	0.15	1		12/14/20 14:11	135-98-8	
tert-Butylbenzene	<0.13	ug/L	0.43	0.13	1		12/14/20 14:11	98-06-6	
Carbon tetrachloride	<0.17	ug/L	0.56	0.17	1		12/14/20 14:11	56-23-5	
Chlorobenzene	<0.076	ug/L	0.25	0.076	1		12/14/20 14:11	108-90-7	
Chloroethane	<0.42	ug/L	1.4	0.42	1		12/14/20 14:11	75-00-3	
Chloroform	<0.48	ug/L	1.6	0.48	1		12/14/20 14:11	67-66-3	
Chloromethane	<0.15	ug/L	0.49	0.15	1		12/14/20 14:11	74-87-3	
2-Chlorotoluene	<0.16	ug/L	0.55	0.16	1		12/14/20 14:11	95-49-8	
4-Chlorotoluene	<0.050	ug/L	0.17	0.050	1		12/14/20 14:11	106-43-4	
1,2-Dibromo-3-chloropropane	<1.2	ug/L	4.2	1.2	1		12/14/20 14:11	96-12-8	
Dibromochloromethane	<0.20	ug/L	0.66	0.20	1		12/14/20 14:11	124-48-1	
1,2-Dibromoethane (EDB)	<0.18	ug/L	0.60	0.18	1		12/14/20 14:11	106-93-4	
Dibromomethane	<0.15	ug/L	0.51	0.15	1		12/14/20 14:11	74-95-3	
1,2-Dichlorobenzene	<0.14	ug/L	0.45	0.14	1		12/14/20 14:11	95-50-1	
1,3-Dichlorobenzene	<0.12	ug/L	0.39	0.12	1		12/14/20 14:11	541-73-1	
1,4-Dichlorobenzene	<0.082	ug/L	0.27	0.082	1		12/14/20 14:11	106-46-7	
Dichlorodifluoromethane	<0.20	ug/L	0.65	0.20	1		12/14/20 14:11	75-71-8	
1,1-Dichloroethane	<0.17	ug/L	0.55	0.17	1		12/14/20 14:11	75-34-3	
1,2-Dichloroethane	<0.25	ug/L	0.85	0.25	1		12/14/20 14:11	107-06-2	
1,1-Dichloroethene	<0.13	ug/L	0.42	0.13	1		12/14/20 14:11	75-35-4	
cis-1,2-Dichloroethene	<0.20	ug/L	0.66	0.20	1		12/14/20 14:11	156-59-2	
trans-1,2-Dichloroethene	<0.19	ug/L	0.64	0.19	1		12/14/20 14:11	156-60-5	
Dichlorofluoromethane	<0.19	ug/L	0.63	0.19	1		12/14/20 14:11	75-43-4	
1,2-Dichloropropane	<0.14	ug/L	0.46	0.14	1		12/14/20 14:11	78-87-5	
1,3-Dichloropropane	<0.13	ug/L	0.43	0.13	1		12/14/20 14:11	142-28-9	
2,2-Dichloropropane	<0.20	ug/L	0.66	0.20	1		12/14/20 14:11	594-20-7	
1,1-Dichloropropene	<0.22	ug/L	0.74	0.22	1		12/14/20 14:11	563-58-6	
cis-1,3-Dichloropropene	<0.077	ug/L	0.26	0.077	1		12/14/20 14:11	10061-01-5	
trans-1,3-Dichloropropene	<0.32	ug/L	1.0	0.32	1		12/14/20 14:11	10061-02-6	
Diethyl ether (Ethyl ether)	<0.18	ug/L	0.58	0.18	1		12/14/20 14:11	60-29-7	
Ethylbenzene	<0.075	ug/L	0.25	0.075	1		12/14/20 14:11	100-41-4	
Hexachloro-1,3-butadiene	<0.40	ug/L	1.3	0.40	1		12/14/20 14:11	87-68-3	
Isopropylbenzene (Cumene)	<0.13	ug/L	0.44	0.13	1		12/14/20 14:11	98-82-8	
p-Isopropyltoluene	<0.18	ug/L	0.59	0.18	1		12/14/20 14:11	99-87-6	
Methylene Chloride	1.2J	ug/L	3.7	1.1	1		12/14/20 14:11	75-09-2	

### REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

**Sample:** Trip Blank      **Lab ID:** 10540802012      **Collected:**      **Received:** 12/01/20 16:08      **Matrix:** Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.54	ug/L	1.8	0.54	1		12/14/20 14:11	108-10-1	
Methyl-tert-butyl ether	<0.12	ug/L	0.39	0.12	1		12/14/20 14:11	1634-04-4	
Naphthalene	<0.68	ug/L	2.3	0.68	1		12/14/20 14:11	91-20-3	
n-Propylbenzene	<0.18	ug/L	0.61	0.18	1		12/14/20 14:11	103-65-1	
Styrene	<0.11	ug/L	0.37	0.11	1		12/14/20 14:11	100-42-5	
1,1,1,2-Tetrachloroethane	<0.13	ug/L	0.44	0.13	1		12/14/20 14:11	630-20-6	
1,1,2,2-Tetrachloroethane	<0.16	ug/L	0.53	0.16	1		12/14/20 14:11	79-34-5	
Tetrachloroethene	<0.17	ug/L	0.58	0.17	1		12/14/20 14:11	127-18-4	
Tetrahydrofuran	<3.4	ug/L	11.3	3.4	1		12/14/20 14:11	109-99-9	
Toluene	<0.12	ug/L	0.41	0.12	1		12/14/20 14:11	108-88-3	
1,2,3-Trichlorobenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 14:11	87-61-6	
1,2,4-Trichlorobenzene	<0.19	ug/L	0.63	0.19	1		12/14/20 14:11	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.57	0.17	1		12/14/20 14:11	71-55-6	
1,1,2-Trichloroethane	<0.19	ug/L	0.64	0.19	1		12/14/20 14:11	79-00-5	
Trichloroethene	<0.15	ug/L	0.50	0.15	1		12/14/20 14:11	79-01-6	
Trichlorofluoromethane	<0.12	ug/L	0.41	0.12	1		12/14/20 14:11	75-69-4	
1,2,3-Trichloropropane	<0.59	ug/L	2.0	0.59	1		12/14/20 14:11	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.30	ug/L	1.0	0.30	1		12/14/20 14:11	76-13-1	
1,2,4-Trimethylbenzene	<0.17	ug/L	0.57	0.17	1		12/14/20 14:11	95-63-6	
1,3,5-Trimethylbenzene	<0.12	ug/L	0.41	0.12	1		12/14/20 14:11	108-67-8	
Vinyl chloride	<0.099	ug/L	0.33	0.099	1		12/14/20 14:11	75-01-4	
Xylene (Total)	<0.29	ug/L	0.96	0.29	1		12/14/20 14:11	1330-20-7	
m&p-Xylene	<0.29	ug/L	0.96	0.29	1		12/14/20 14:11	179601-23-1	
o-Xylene	<0.15	ug/L	0.50	0.15	1		12/14/20 14:11	95-47-6	
<b>Surrogates</b>									
1,2-Dichloroethane-d4 (S)	99	%	75-125		1		12/14/20 14:11	17060-07-0	
Toluene-d8 (S)	98	%	75-125		1		12/14/20 14:11	2037-26-5	
4-Bromofluorobenzene (S)	100	%	75-125		1		12/14/20 14:11	460-00-4	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

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QC Batch: 715823 Analysis Method: EPA 8260D  
 QC Batch Method: EPA 8260D Analysis Description: 8260D MSV 465 W  
 Laboratory: Pace Analytical Services - Minneapolis

Associated Lab Samples: 10540802001, 10540802002, 10540802003, 10540802004, 10540802005, 10540802006, 10540802007, 10540802008, 10540802009, 10540802010, 10540802011, 10540802012

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METHOD BLANK: 3820686 Matrix: Water

Associated Lab Samples: 10540802001, 10540802002, 10540802003, 10540802004, 10540802005, 10540802006, 10540802007, 10540802008, 10540802009, 10540802010, 10540802011, 10540802012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.13	0.44	12/14/20 13:04	
1,1,1-Trichloroethane	ug/L	<0.17	0.57	12/14/20 13:04	
1,1,2,2-Tetrachloroethane	ug/L	<0.16	0.53	12/14/20 13:04	
1,1,2-Trichloroethane	ug/L	<0.19	0.64	12/14/20 13:04	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.30	1.0	12/14/20 13:04	
1,1-Dichloroethane	ug/L	<0.17	0.55	12/14/20 13:04	
1,1-Dichloroethene	ug/L	<0.13	0.42	12/14/20 13:04	
1,1-Dichloropropene	ug/L	<0.22	0.74	12/14/20 13:04	
1,2,3-Trichlorobenzene	ug/L	<0.17	0.57	12/14/20 13:04	
1,2,3-Trichloropropane	ug/L	<0.59	2.0	12/14/20 13:04	
1,2,4-Trichlorobenzene	ug/L	<0.19	0.63	12/14/20 13:04	
1,2,4-Trimethylbenzene	ug/L	<0.17	0.57	12/14/20 13:04	
1,2-Dibromo-3-chloropropane	ug/L	<1.2	4.2	12/14/20 13:04	
1,2-Dibromoethane (EDB)	ug/L	<0.18	0.60	12/14/20 13:04	
1,2-Dichlorobenzene	ug/L	<0.14	0.45	12/14/20 13:04	
1,2-Dichloroethane	ug/L	<0.25	0.85	12/14/20 13:04	
1,2-Dichloropropane	ug/L	<0.14	0.46	12/14/20 13:04	
1,3,5-Trimethylbenzene	ug/L	<0.12	0.41	12/14/20 13:04	
1,3-Dichlorobenzene	ug/L	<0.12	0.39	12/14/20 13:04	
1,3-Dichloropropane	ug/L	<0.13	0.43	12/14/20 13:04	
1,4-Dichlorobenzene	ug/L	<0.082	0.27	12/14/20 13:04	
2,2-Dichloropropane	ug/L	<0.20	0.66	12/14/20 13:04	
2-Butanone (MEK)	ug/L	<0.88	2.9	12/14/20 13:04	
2-Chlorotoluene	ug/L	<0.16	0.55	12/14/20 13:04	
4-Chlorotoluene	ug/L	<0.050	0.17	12/14/20 13:04	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.54	1.8	12/14/20 13:04	
Acetone	ug/L	<2.5	8.4	12/14/20 13:04	
Allyl chloride	ug/L	<0.27	0.90	12/14/20 13:04	v2
Benzene	ug/L	<0.12	0.40	12/14/20 13:04	
Bromobenzene	ug/L	<0.13	0.44	12/14/20 13:04	
Bromochloromethane	ug/L	<0.36	1.2	12/14/20 13:04	
Bromodichloromethane	ug/L	<0.11	0.38	12/14/20 13:04	
Bromoform	ug/L	<0.27	0.90	12/14/20 13:04	
Bromomethane	ug/L	<0.63	2.1	12/14/20 13:04	v2
Carbon tetrachloride	ug/L	<0.17	0.56	12/14/20 13:04	
Chlorobenzene	ug/L	<0.076	0.25	12/14/20 13:04	
Chloroethane	ug/L	<0.42	1.4	12/14/20 13:04	
Chloroform	ug/L	<0.48	1.6	12/14/20 13:04	
Chloromethane	ug/L	<0.15	0.49	12/14/20 13:04	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

METHOD BLANK: 3820686

Matrix: Water

Associated Lab Samples: 10540802001, 10540802002, 10540802003, 10540802004, 10540802005, 10540802006, 10540802007, 10540802008, 10540802009, 10540802010, 10540802011, 10540802012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.20	0.66	12/14/20 13:04	
cis-1,3-Dichloropropene	ug/L	<0.077	0.26	12/14/20 13:04	
Dibromochloromethane	ug/L	<0.20	0.66	12/14/20 13:04	
Dibromomethane	ug/L	<0.15	0.51	12/14/20 13:04	
Dichlorodifluoromethane	ug/L	<0.20	0.65	12/14/20 13:04	
Dichlorofluoromethane	ug/L	<0.19	0.63	12/14/20 13:04	
Diethyl ether (Ethyl ether)	ug/L	<0.18	0.58	12/14/20 13:04	
Ethylbenzene	ug/L	<0.075	0.25	12/14/20 13:04	
Hexachloro-1,3-butadiene	ug/L	<0.40	1.3	12/14/20 13:04	
Isopropylbenzene (Cumene)	ug/L	<0.13	0.44	12/14/20 13:04	
m&p-Xylene	ug/L	<0.29	0.96	12/14/20 13:04	
Methyl-tert-butyl ether	ug/L	<0.12	0.39	12/14/20 13:04	
Methylene Chloride	ug/L	<1.1	3.7	12/14/20 13:04	
n-Butylbenzene	ug/L	<0.16	0.52	12/14/20 13:04	
n-Propylbenzene	ug/L	<0.18	0.61	12/14/20 13:04	
Naphthalene	ug/L	<0.68	2.3	12/14/20 13:04	
o-Xylene	ug/L	<0.15	0.50	12/14/20 13:04	
p-Isopropyltoluene	ug/L	<0.18	0.59	12/14/20 13:04	
sec-Butylbenzene	ug/L	<0.15	0.49	12/14/20 13:04	
Styrene	ug/L	<0.11	0.37	12/14/20 13:04	
tert-Butylbenzene	ug/L	<0.13	0.43	12/14/20 13:04	
Tetrachloroethene	ug/L	<0.17	0.58	12/14/20 13:04	
Tetrahydrofuran	ug/L	<3.4	11.3	12/14/20 13:04	
Toluene	ug/L	<0.12	0.41	12/14/20 13:04	
trans-1,2-Dichloroethene	ug/L	<0.19	0.64	12/14/20 13:04	
trans-1,3-Dichloropropene	ug/L	<0.32	1.0	12/14/20 13:04	
Trichloroethene	ug/L	<0.15	0.50	12/14/20 13:04	
Trichlorofluoromethane	ug/L	<0.12	0.41	12/14/20 13:04	
Vinyl chloride	ug/L	<0.099	0.33	12/14/20 13:04	
Xylene (Total)	ug/L	<0.29	0.96	12/14/20 13:04	
1,2-Dichloroethane-d4 (S)	%	96	75-125	12/14/20 13:04	
4-Bromofluorobenzene (S)	%	100	75-125	12/14/20 13:04	
Toluene-d8 (S)	%	98	75-125	12/14/20 13:04	

LABORATORY CONTROL SAMPLE: 3820687

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	19.9	100	75-128	
1,1,1-Trichloroethane	ug/L	20	19.7	99	75-128	
1,1,2,2-Tetrachloroethane	ug/L	20	18.6	93	69-129	
1,1,2-Trichloroethane	ug/L	20	20.6	103	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	19.4	97	74-125	
1,1-Dichloroethane	ug/L	20	20.5	103	75-125	

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### QUALITY CONTROL DATA

Project: 6080801 Laundry Basket  
Pace Project No.: 10540802

LABORATORY CONTROL SAMPLE: 3820687

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	20	18.7	93	65-125	
1,1-Dichloropropene	ug/L	20	18.8	94	69-131	
1,2,3-Trichlorobenzene	ug/L	20	20.2	101	75-125	
1,2,3-Trichloropropane	ug/L	20	17.5	87	75-125	
1,2,4-Trichlorobenzene	ug/L	20	20.6	103	67-131	
1,2,4-Trimethylbenzene	ug/L	20	19.5	97	75-125	
1,2-Dibromo-3-chloropropane	ug/L	50	42.1	84	65-128	
1,2-Dibromoethane (EDB)	ug/L	20	20.0	100	75-125	
1,2-Dichlorobenzene	ug/L	20	20.8	104	75-125	
1,2-Dichloroethane	ug/L	20	16.6	83	74-125	
1,2-Dichloropropane	ug/L	20	19.6	98	68-125	
1,3,5-Trimethylbenzene	ug/L	20	19.0	95	75-125	
1,3-Dichlorobenzene	ug/L	20	19.9	99	75-125	
1,3-Dichloropropane	ug/L	20	20.1	100	75-125	
1,4-Dichlorobenzene	ug/L	20	18.2	91	75-125	
2,2-Dichloropropane	ug/L	20	20.5	102	70-133	
2-Butanone (MEK)	ug/L	100	88.8	89	62-142	
2-Chlorotoluene	ug/L	20	19.3	97	75-125	
4-Chlorotoluene	ug/L	20	18.8	94	75-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.7	89	75-125	
Acetone	ug/L	100	112	112	47-150	
Allyl chloride	ug/L	20	15.4	77	65-125 v3	
Benzene	ug/L	20	20.1	100	75-125	
Bromobenzene	ug/L	20	19.1	96	75-125	
Bromochloromethane	ug/L	20	19.9	99	75-125	
Bromodichloromethane	ug/L	20	20.0	100	75-128	
Bromoform	ug/L	20	22.1	111	75-125	
Bromomethane	ug/L	20	11.8	59	43-150 v3	
Carbon tetrachloride	ug/L	20	20.8	104	75-127	
Chlorobenzene	ug/L	20	19.4	97	75-125	
Chloroethane	ug/L	20	19.1	96	72-130	
Chloroform	ug/L	20	19.3	96	75-125	
Chloromethane	ug/L	20	16.9	84	55-128	
cis-1,2-Dichloroethene	ug/L	20	20.9	105	75-125	
cis-1,3-Dichloropropene	ug/L	20	21.4	107	74-132	
Dibromochloromethane	ug/L	20	20.9	104	75-125	
Dibromomethane	ug/L	20	18.5	93	71-137	
Dichlorodifluoromethane	ug/L	20	17.2	86	69-126	
Dichlorofluoromethane	ug/L	20	19.0	95	75-125	
Diethyl ether (Ethyl ether)	ug/L	20	17.6	88	72-125	
Ethylbenzene	ug/L	20	18.8	94	75-125	
Hexachloro-1,3-butadiene	ug/L	20	21.4	107	74-129	
Isopropylbenzene (Cumene)	ug/L	20	20.1	101	75-125	
m&p-Xylene	ug/L	40	38.0	95	74-125	
Methyl-tert-butyl ether	ug/L	20	19.7	99	69-125	
Methylene Chloride	ug/L	20	17.9	90	72-125	
n-Butylbenzene	ug/L	20	22.3	111	75-128	

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### QUALITY CONTROL DATA

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

LABORATORY CONTROL SAMPLE: 3820687

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	20	19.6	98	75-125	
Naphthalene	ug/L	20	18.9	94	70-125	
o-Xylene	ug/L	20	20.0	100	75-125	
p-Isopropyltoluene	ug/L	20	19.6	98	75-125	
sec-Butylbenzene	ug/L	20	18.5	93	75-127	
Styrene	ug/L	20	20.0	100	75-125	
tert-Butylbenzene	ug/L	20	19.1	95	75-125	
Tetrachloroethene	ug/L	20	20.3	101	74-125	
Tetrahydrofuran	ug/L	200	222	111	73-132	
Toluene	ug/L	20	18.1	90	75-125	
trans-1,2-Dichloroethene	ug/L	20	19.2	96	69-125	
trans-1,3-Dichloropropene	ug/L	20	20.0	100	69-130	
Trichloroethene	ug/L	20	19.7	98	75-127	
Trichlorofluoromethane	ug/L	20	20.5	103	71-132	
Vinyl chloride	ug/L	20	17.8	89	65-128	
Xylene (Total)	ug/L	60	58.0	97	75-125	
1,2-Dichloroethane-d4 (S)	%			95	75-125	
4-Bromofluorobenzene (S)	%			98	75-125	
Toluene-d8 (S)	%			99	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3822190 3822191

Parameter	Units	MS		MSD		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
		10542349001 Result	Spike Conc.	Spike Conc.	Conc.								
1,1,1,2-Tetrachloroethane	ug/L	<0.13	20	20	19.9	17.3	99	86	71-128	14	30		
1,1,1-Trichloroethane	ug/L	<0.17	20	20	21.0	18.0	105	90	75-144	15	30		
1,1,2,2-Tetrachloroethane	ug/L	<0.16	20	20	18.6	17.1	93	86	63-125	9	30		
1,1,2-Trichloroethane	ug/L	<0.19	20	20	19.5	18.0	98	90	75-125	8	30		
1,1,2-Trichlorotrifluoroethane	ug/L	<0.30	20	20	21.0	18.0	105	90	69-141	16	30		
1,1-Dichloroethane	ug/L	<0.17	20	20	21.0	18.1	105	91	68-125	15	30		
1,1-Dichloroethene	ug/L	<0.13	20	20	20.7	17.8	104	89	62-135	15	30		
1,1-Dichloropropene	ug/L	<0.22	20	20	20.5	17.8	102	89	61-147	14	30		
1,2,3-Trichlorobenzene	ug/L	<0.17	20	20	20.3	17.5	102	88	59-145	15	30		
1,2,3-Trichloropropane	ug/L	<0.59	20	20	17.8	16.4	89	82	69-125	8	30		
1,2,4-Trichlorobenzene	ug/L	<0.19	20	20	21.3	18.2	107	91	59-144	16	30		
1,2,4-Trimethylbenzene	ug/L	<0.17	20	20	20.2	17.5	101	87	56-139	14	30		
1,2-Dibromo-3-chloropropane	ug/L	<1.2	50	50	41.0	40.2	82	80	64-125	2	30		
1,2-Dibromoethane (EDB)	ug/L	<0.18	20	20	18.8	17.2	94	86	71-125	8	30		
1,2-Dichlorobenzene	ug/L	<0.14	20	20	21.0	17.9	105	90	74-125	16	30		
1,2-Dichloroethane	ug/L	<0.25	20	20	16.3	14.5	81	73	64-125	11	30		
1,2-Dichloropropane	ug/L	<0.14	20	20	19.3	16.7	96	84	63-125	14	30		
1,3,5-Trimethylbenzene	ug/L	<0.12	20	20	19.9	17.5	100	88	63-132	13	30		
1,3-Dichlorobenzene	ug/L	<0.12	20	20	20.3	17.7	102	88	74-125	14	30		
1,3-Dichloropropane	ug/L	<0.13	20	20	19.7	17.2	98	86	75-125	14	30		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:		3822190		3822191									
Parameter	Units	10542349001	MS	MSD	MS	MSD	MS	MSD	% Rec	Max	RPD	RPD	Qual
		Result	Spike Conc.	Spike Conc.	Result	Result	% Rec	% Rec	Limits				
1,4-Dichlorobenzene	ug/L	<0.082	20	20	18.5	16.4	93	82	73-125	12	30		
2,2-Dichloropropane	ug/L	<0.20	20	20	21.9	18.9	109	95	64-145	14	30		
2-Butanone (MEK)	ug/L	<0.88	100	100	76.2	77.4	76	77	39-125	2	30		
2-Chlorotoluene	ug/L	<0.16	20	20	19.7	18.3	98	92	68-128	7	30		
4-Chlorotoluene	ug/L	<0.050	20	20	19.6	17.1	98	85	71-128	14	30		
4-Methyl-2-pentanone (MIBK)	ug/L	<0.54	100	100	84.8	83.9	85	84	65-125	1	30		
Acetone	ug/L	<2.5	100	100	87.5	72.5	88	73	32-133	19	30		
Allyl chloride	ug/L	<0.27	20	20	16.6	14.5	83	72	61-125	14	30	v3	
Benzene	ug/L	<0.12	20	20	20.5	17.9	103	89	63-125	14	30		
Bromobenzene	ug/L	<0.13	20	20	19.3	16.6	97	83	75-125	15	30		
Bromochloromethane	ug/L	<0.36	20	20	19.9	17.1	100	86	67-125	15	30		
Bromodichloromethane	ug/L	<0.11	20	20	19.9	17.9	99	89	67-139	10	30		
Bromoform	ug/L	<0.27	20	20	21.3	19.6	107	98	75-125	8	30		
Bromomethane	ug/L	<0.63	20	20	14.1	13.3	71	66	50-150	6	30	v3	
Carbon tetrachloride	ug/L	<0.17	20	20	22.4	19.8	112	99	70-148	12	30		
Chlorobenzene	ug/L	<0.076	20	20	19.3	16.9	96	85	75-125	13	30		
Chloroethane	ug/L	<0.42	20	20	20.2	18.0	101	90	62-142	11	30		
Chloroform	ug/L	<0.48	20	20	18.9	16.6	95	83	67-125	13	30		
Chloromethane	ug/L	<0.15	20	20	17.8	16.4	89	82	43-140	8	30		
cis-1,2-Dichloroethene	ug/L	<0.20	20	20	21.4	18.6	107	93	64-134	14	30		
cis-1,3-Dichloropropene	ug/L	<0.077	20	20	21.1	18.5	105	93	68-129	13	30		
Dibromochloromethane	ug/L	<0.20	20	20	20.3	17.9	102	90	71-137	13	30		
Dibromomethane	ug/L	<0.15	20	20	18.4	16.4	92	82	66-130	11	30		
Dichlorodifluoromethane	ug/L	<0.20	20	20	19.6	17.3	98	87	61-144	12	30		
Dichlorofluoromethane	ug/L	<0.19	20	20	20.3	18.2	102	91	68-125	11	30		
Diethyl ether (Ethyl ether)	ug/L	<0.18	20	20	17.1	15.1	86	75	57-127	12	30		
Ethylbenzene	ug/L	<0.075	20	20	19.4	16.9	97	85	66-128	13	30		
Hexachloro-1,3-butadiene	ug/L	<0.40	20	20	26.0	19.6	130	98	52-150	28	30		
Isopropylbenzene (Cumene)	ug/L	<0.13	20	20	20.5	18.5	103	92	73-138	11	30		
m&p-Xylene	ug/L	<0.29	40	40	39.4	35.0	99	88	62-133	12	30		
Methyl-tert-butyl ether	ug/L	<0.12	20	20	19.1	17.0	96	85	60-125	12	30		
Methylene Chloride	ug/L	1.1J	20	20	18.3	15.9	86	74	59-125	14	30		
n-Butylbenzene	ug/L	<0.16	20	20	25.4	20.8	127	104	68-146	20	30		
n-Propylbenzene	ug/L	<0.18	20	20	20.9	18.2	104	91	72-132	14	30		
Naphthalene	ug/L	<0.68	20	20	18.8	18.0	94	90	55-135	4	30		
o-Xylene	ug/L	<0.15	20	20	19.9	17.5	99	87	66-128	13	30		
p-Isopropyltoluene	ug/L	<0.18	20	20	21.6	18.4	108	92	69-139	16	30		
sec-Butylbenzene	ug/L	<0.15	20	20	20.5	17.5	103	87	69-149	16	30		
Styrene	ug/L	<0.11	20	20	19.8	17.9	99	89	75-126	10	30		
tert-Butylbenzene	ug/L	<0.13	20	20	20.3	17.7	102	89	67-147	14	30		
Tetrachloroethene	ug/L	<0.17	20	20	21.6	19.1	108	96	70-141	12	30		
Tetrahydrofuran	ug/L	<3.4	200	200	222	187	111	94	64-128	17	30		
Toluene	ug/L	<0.12	20	20	18.5	16.2	92	81	64-125	13	30		
trans-1,2-Dichloroethene	ug/L	<0.19	20	20	19.9	17.1	99	86	62-135	15	30		

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

Parameter	Units	3822190		3822191		MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	Max RPD	Qual
		10542349001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result							
trans-1,3-Dichloropropene	ug/L	<0.32	20	20	19.9	17.3	99	87	69-125	14	30	
Trichloroethene	ug/L	<0.15	20	20	20.3	17.7	101	89	69-141	13	30	
Trichlorofluoromethane	ug/L	<0.12	20	20	22.7	20.2	113	101	61-148	12	30	
Vinyl chloride	ug/L	<0.099	20	20	19.5	17.5	97	88	56-144	11	30	
Xylene (Total)	ug/L	<0.29	60	60	59.3	52.5	99	87	64-131	12	30	
1,2-Dichloroethane-d4 (S)	%						96	97	75-125			
4-Bromofluorobenzene (S)	%						99	99	75-125			
Toluene-d8 (S)	%						100	100	75-125			

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## QUALIFIERS

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

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### 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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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.

### ANALYTE QUALIFIERS

v2 The continuing calibration verification was below the method acceptance limit. The analyte was not detected in the associated samples and the sensitivity of the instrument was verified with a reporting limit check standard.

v3 The continuing calibration verification was below the method acceptance limit. Any detection for the analyte in the associated samples may have a low bias.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 6080801 Laundry Basket

Pace Project No.: 10540802

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10540802001	MW-17	EPA 8260D	715823		
10540802002	MW-17(40)	EPA 8260D	715823		
10540802003	MW-17(70)	EPA 8260D	715823		
10540802004	MW-10-30LT	EPA 8260D	715823		
10540802005	MW-10-50LT	EPA 8260D	715823		
10540802006	MW-6-30LT	EPA 8260D	715823		
10540802007	MW-6-50LT	EPA 8260D	715823		
10540802008	MW-13D	EPA 8260D	715823		
10540802009	MW-15D	EPA 8260D	715823		
10540802010	Municipal Well #2	EPA 8260D	715823		
10540802011	Dup-1	EPA 8260D	715823		
10540802012	Trip Blank	EPA 8260D	715823		

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# CHAIN-OF-CUSTODY Analytical Request Document

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

Company: **MSA Professional Services**  
 Address: **60 Plate Blvd, #140 St. Paul, MN**  
 Report To: **MARK DAVIDSON**  
 Copy To:

Billing Information:  
**60 Plate Blvd, #140**  
**St. Paul, MN 55107**  
 Email To: **mark.davidson@msa-ps.com**  
 Site Collection Info/Address:  
**Cook, WI**

Customer Project Name/Number: **6080801**  
 State: **WI** County/City: **DOUGLAS** Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET  
 Site/Facility ID #: **Lambert Basket**  
 Compliance Monitoring? [ ] Yes [X] No  
 Purchase Order #: **MAEN DAVIDSON**  
 DW PWS ID #: **10540802**  
 Quote #: **10540802**  
 Turnaround Date Required: **12/1**  
 Rush: [ ] Same Day [ ] Next Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)  
 Sample Disposal: [X] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:

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

Customer Sample ID	Matrix *	Comp/Grab	Collected (or Composite Start)		Composite End Date	Res Cl	# of Ctns
			Date	Time			
MM-17	GW	G	12/1	0925			3
MM-17(46)				1000			1
MM-17(75)				1035			1
MM-10-30LT				1120			1
MM-10-50LT				1146			1
MM-6-30LT				1235			1
MM-6-50LT				1306			1
MM-13D				1336			3/3
MM-13D				1400			1
MM-13D				1050			3
MM-13D							3

Customer Remarks / Special Conditions / Possible Hazards:  
 Type of Ice Used: Wet Blue Dry None  
 Packing Material Used:  
 Radchem sample(s) screened (<500 cpm): Y N NA

Relinquished by/Company: (Signature) **Mark Davidson / MSA** Date/Time: **12/1/2016 03**  
 Relinquished by/Company: (Signature) **TJPACE** Date/Time:  
 Relinquished by/Company: (Signature) Date/Time:

LAB USE ONLY - Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

## ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type \*\*  
 Lab Project Manager:

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

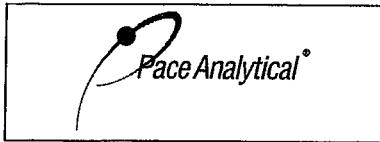
Analyses	Lab Profile/Line: <b>230916/1</b>	Lab Sample Receipt Checklist:
		Custody Seals Present/Intact Y N NA
		Custody Signatures Present Y N NA
		Collector Signatures Present Y N NA
		Bottles Intact Y N NA
		Correct Bottles Y N NA
		Sufficient Volume Y N NA
		Samples Received on Ice Y N NA
		VOA - Headspace Acceptable Y N NA
		USDA Regulated Soils Y N NA
		Samples in Holding Time Y N NA
		Residual Chlorine Present Y N NA

# WO#: 10540802



SHORT HOLDS PRESENT (<72 hours): Y N N/A  
 Lab Tracking #: **2540488**  
 Samples received via: FEDEX UPS Client Courier Pace Courier  
 Date/Time: **12-1-2016 03** Table #: **115**  
 Accnum: **115**  
 Template: **115**  
 Prelogin: **115**  
 PM: **115**  
 PB: **115**

Lab Sample Temperature Info: **115** N NA  
 Temp Blank Received: **115**  
 Therm ID#: **115**  
 Cooler 1 Temp Upon Receipt: **115** oC  
 Cooler 1 Therm Corr. Factor: **115** oC  
 Cooler 1 Corrected Temp: **115** oC  
 Comments: **115**  
 Trip Blank Received: Y N NA  
 HCL MeOH TSP Other  
 Non Conformance(s): YES / NO  
 Page: \_\_\_\_\_ of: \_\_\_\_\_



Document Name:  
**Sample Condition Upon Receipt (SCUR) - MN**  
 Document No.:  
**ENV-FRM-MIN4-0150 Rev.01**

Document Revised: 12Aug2020  
**Page 1 of 1**  
 Pace Analytical Services -  
**Minneapolis**

**Sample Condition Upon Receipt**

**Client Name:**  
**MSA Professional Services**

**Project #:**  
**WO#: 10540802**  
**PM: SRD Due Date: 12/08/20**  
**CLIENT: MSA PROF**

**Courier:**  Fed Ex  UPS  USPS  Client  
 Pace  SpeedDee  Commercial  
**Tracking Number:** \_\_\_\_\_  
 See Exceptions   
 ENV-FRM-MIN4-0142

**Custody Seal on Cooler/Box Present?**  Yes  No **Seals Intact?**  Yes  No **Biological Tissue Frozen?**  Yes  No  N/A  
**Packing Material:**  Bubble Wrap  Bubble Bags  None  Other: \_\_\_\_\_ **Temp Blank?**  Yes  No  
**Thermometer:**  T1(0461)  T2(1336)  T3(0459)  T4(0254)  T5(0489) **Type of Ice:**  Wet  Blue  None  Dry  Melted

**Did Samples Originate in West Virginia?**  Yes  No **Were All Container Temps Taken?**  Yes  No  N/A  
 Temp should be above freezing to 6°C **Cooler Temp Read w/temp blank:** 4.1 °C **Average Corrected Temp (no temp blank only):** \_\_\_\_\_ °C  See Exceptions ENV-FRM-MIN4-0142  1 Container  
**Correction Factor:** +0.1 **Cooler Temp Corrected w/temp blank:** 4.2 °C

**USDA Regulated Soil:**  N/A, water sample/Other: \_\_\_\_\_ **Date/Initials of Person Examining Contents:** ED 12/1/20  
 Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)?  Yes  No **Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?**  Yes  No  
**If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.**

	COMMENTS:
Chain of Custody Present and Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
<b>Short Hold Time Analysis (&lt;72 hr)?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. <input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrome <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
<b>Rush Turn Around Time Requested?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No -Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Field Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10. Is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is sufficient information available to reconcile the samples to the COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other	11. If no, write ID/ Date/Time on Container Below: <input type="checkbox"/> See Exception ENV-FRM-MIN4-0142
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12. Sample # <input type="checkbox"/> NaOH <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> Zinc Acetate
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , <2pH, NaOH >9 Sulfide, NaOH >10 Cyanide) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Positive for Res. <input type="checkbox"/> Yes <input type="checkbox"/> No <b>pH Paper Lot#</b> <input type="checkbox"/> See Exception ENV-FRM-MIN4-0142
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Res. Chlorine <input type="checkbox"/> 0-6 Roll <input type="checkbox"/> 0-6 Strip <input type="checkbox"/> 0-14 Strip
Extra labels present on soil VOA or WIDRO containers? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A Headspace in VOA Vials (greater than 6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. <input type="checkbox"/> See Exception ENV-FRM-MIN4-0140
Trip Blank Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A Trip Blank Custody Seals Present? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. Pace Trip Blank Lot # (if purchased): <u>280727</u>

**CLIENT NOTIFICATION/RESOLUTION**

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Comments/Resolution: \_\_\_\_\_ **Field Data Required?**  Yes  No

**Project Manager Review:** [Signature] **Date:** 12/2/20

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled by: ED 2 Page 41 of 41



April 07, 2021

Mark Davidson  
MSA Professional Services  
332 W. Superior St. #600  
Duluth, MN 55802

RE: Project: Laundry Basket  
Pace Project No.: 10553163

Dear Mark Davidson:

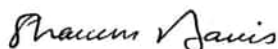
Enclosed are the analytical results for sample(s) received by the laboratory on March 31, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Green Bay

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

Sincerely,



Shawn Davis  
shawn.davis@pacelabs.com  
612-607-6378  
Project Manager

Enclosures

cc: Paul Butler, MSA Professional Services  
Erica Klingfus, MSA Professional Services



## REPORT OF LABORATORY ANALYSIS

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## CERTIFICATIONS

Project: Laundry Basket

Pace Project No.: 10553163

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### **Pace Analytical Services Green Bay**

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky UST Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

New York Certification #: 12064

North Dakota Certification #: R-150

Virginia VELAP ID: 460263

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

Wisconsin Certification #: 405132750

Wisconsin DATCP Certification #: 105-444

USDA Soil Permit #: P330-16-00157

Federal Fish & Wildlife Permit #: LE51774A-0

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## REPORT OF LABORATORY ANALYSIS

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## SAMPLE SUMMARY

Project: Laundry Basket

Pace Project No.: 10553163

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10553163001	MW-17	Water	03/30/21 09:15	03/31/21 14:58
10553163002	MW-17 (40)	Water	03/30/21 09:45	03/31/21 14:58
10553163003	MW-17 (70)	Water	03/30/21 10:20	03/31/21 14:58
10553163004	MW-10-30LT	Water	03/30/21 10:55	03/31/21 14:58
10553163005	MW-10-50LT	Water	03/30/21 11:20	03/31/21 14:58
10553163006	MW-6-30LT	Water	03/30/21 11:50	03/31/21 14:58
10553163007	MW-6-50LT	Water	03/30/21 12:25	03/31/21 14:58
10553163008	MW-13D	Water	03/30/21 12:55	03/31/21 14:58
10553163009	MW-15D	Water	03/30/21 13:25	03/31/21 14:58
10553163010	Municipal Well #2	Water	03/30/21 10:30	03/31/21 14:58
10553163011	Dup -1	Water	03/30/21 00:00	03/31/21 14:58
10553163012	Trip Blank	Water	03/30/21 00:00	03/31/21 14:58

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### SAMPLE ANALYTE COUNT

Project: Laundry Basket

Pace Project No.: 10553163

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10553163001	MW-17	EPA 8260	HNW	64	PASI-G
10553163002	MW-17 (40)	EPA 8260	HNW	64	PASI-G
10553163003	MW-17 (70)	EPA 8260	LAP	64	PASI-G
10553163004	MW-10-30LT	EPA 8260	LAP	64	PASI-G
10553163005	MW-10-50LT	EPA 8260	LAP	64	PASI-G
10553163006	MW-6-30LT	EPA 8260	LAP	64	PASI-G
10553163007	MW-6-50LT	EPA 8260	LAP	64	PASI-G
10553163008	MW-13D	EPA 8260	LAP	64	PASI-G
10553163009	MW-15D	EPA 8260	LAP	64	PASI-G
10553163010	Municipal Well #2	EPA 8260	LAP	64	PASI-G
10553163011	Dup -1	EPA 8260	LAP	64	PASI-G
10553163012	Trip Blank	EPA 8260	LAP	64	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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## PROJECT NARRATIVE

Project: Laundry Basket

Pace Project No.: 10553163

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**Method:** EPA 8260

**Description:** 8260 MSV

**Client:** MSA MN/WI

**Date:** April 07, 2021

**General Information:**

12 samples were analyzed for EPA 8260 by Pace Analytical Services Green Bay. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Initial Calibrations (including MS Tune as applicable):**

All criteria were within method requirements with any exceptions noted below.

**Continuing Calibration:**

All criteria were within method requirements with any exceptions noted below.

**Internal Standards:**

All internal standards were within QC limits with any exceptions noted below.

**Surrogates:**

All surrogates were within QC limits with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-17**      **Lab ID: 10553163001**      Collected: 03/30/21 09:15      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/06/21 12:59	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/06/21 12:59	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/06/21 12:59	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/06/21 12:59	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/06/21 12:59	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/06/21 12:59	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/06/21 12:59	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/06/21 12:59	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/06/21 12:59	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/06/21 12:59	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/06/21 12:59	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/06/21 12:59	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/06/21 12:59	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/06/21 12:59	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/06/21 12:59	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/06/21 12:59	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/06/21 12:59	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/06/21 12:59	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/06/21 12:59	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/06/21 12:59	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/06/21 12:59	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/06/21 12:59	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/06/21 12:59	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/06/21 12:59	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/06/21 12:59	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/06/21 12:59	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/06/21 12:59	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/06/21 12:59	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/06/21 12:59	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/06/21 12:59	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/06/21 12:59	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/06/21 12:59	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/06/21 12:59	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/06/21 12:59	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/06/21 12:59	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/06/21 12:59	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/06/21 12:59	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/06/21 12:59	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/06/21 12:59	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/06/21 12:59	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/06/21 12:59	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/06/21 12:59	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/06/21 12:59	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/06/21 12:59	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/06/21 12:59	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-17**      **Lab ID: 10553163001**      Collected: 03/30/21 09:15      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<b>0.63J</b>	ug/L	1.1	0.33	1		04/06/21 12:59	127-18-4	
Toluene	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		04/06/21 12:59	108-88-3	
Trichloroethene	<b>&lt;0.26</b>	ug/L	1.0	0.26	1		04/06/21 12:59	79-01-6	
Trichlorofluoromethane	<b>&lt;0.21</b>	ug/L	1.0	0.21	1		04/06/21 12:59	75-69-4	
Vinyl chloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		04/06/21 12:59	75-01-4	
cis-1,2-Dichloroethene	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		04/06/21 12:59	156-59-2	
cis-1,3-Dichloropropene	<b>&lt;3.6</b>	ug/L	12.1	3.6	1		04/06/21 12:59	10061-01-5	
m&p-Xylene	<b>&lt;0.47</b>	ug/L	2.0	0.47	1		04/06/21 12:59	179601-23-1	
n-Butylbenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		04/06/21 12:59	104-51-8	
n-Propylbenzene	<b>&lt;0.81</b>	ug/L	5.0	0.81	1		04/06/21 12:59	103-65-1	
o-Xylene	<b>&lt;0.26</b>	ug/L	1.0	0.26	1		04/06/21 12:59	95-47-6	
p-Isopropyltoluene	<b>&lt;0.80</b>	ug/L	2.7	0.80	1		04/06/21 12:59	99-87-6	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	5.0	0.85	1		04/06/21 12:59	135-98-8	
tert-Butylbenzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		04/06/21 12:59	98-06-6	
trans-1,2-Dichloroethene	<b>&lt;0.46</b>	ug/L	1.5	0.46	1		04/06/21 12:59	156-60-5	
trans-1,3-Dichloropropene	<b>&lt;4.4</b>	ug/L	14.6	4.4	1		04/06/21 12:59	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/06/21 12:59	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		04/06/21 12:59	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/06/21 12:59	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-17 (40)**      **Lab ID: 10553163002**      Collected: 03/30/21 09:45      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/06/21 13:20	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/06/21 13:20	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/06/21 13:20	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/06/21 13:20	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/06/21 13:20	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/06/21 13:20	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/06/21 13:20	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/06/21 13:20	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/06/21 13:20	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/06/21 13:20	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/06/21 13:20	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/06/21 13:20	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/06/21 13:20	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/06/21 13:20	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/06/21 13:20	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/06/21 13:20	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/06/21 13:20	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/06/21 13:20	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/06/21 13:20	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/06/21 13:20	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/06/21 13:20	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/06/21 13:20	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/06/21 13:20	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/06/21 13:20	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/06/21 13:20	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/06/21 13:20	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/06/21 13:20	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/06/21 13:20	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/06/21 13:20	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/06/21 13:20	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/06/21 13:20	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/06/21 13:20	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/06/21 13:20	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/06/21 13:20	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/06/21 13:20	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/06/21 13:20	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/06/21 13:20	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/06/21 13:20	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/06/21 13:20	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/06/21 13:20	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/06/21 13:20	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/06/21 13:20	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/06/21 13:20	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/06/21 13:20	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/06/21 13:20	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-17 (40)**      **Lab ID: 10553163002**      Collected: 03/30/21 09:45      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/06/21 13:20	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/06/21 13:20	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/06/21 13:20	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/06/21 13:20	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/06/21 13:20	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/06/21 13:20	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/06/21 13:20	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/06/21 13:20	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/06/21 13:20	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/06/21 13:20	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/06/21 13:20	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/06/21 13:20	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/06/21 13:20	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/06/21 13:20	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/06/21 13:20	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/06/21 13:20	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	101	%	70-130		1		04/06/21 13:20	460-00-4	
Dibromofluoromethane (S)	103	%	70-130		1		04/06/21 13:20	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/06/21 13:20	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-17 (70)**      **Lab ID: 10553163003**      Collected: 03/30/21 10:20      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 14:47	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 14:47	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:47	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 14:47	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 14:47	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 14:47	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 14:47	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 14:47	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 14:47	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 14:47	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 14:47	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 14:47	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 14:47	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:47	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:47	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:47	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 14:47	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 14:47	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 14:47	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 14:47	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 14:47	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 14:47	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 14:47	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 14:47	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 14:47	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 14:47	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 14:47	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 14:47	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 14:47	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 14:47	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:47	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 14:47	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 14:47	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 14:47	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 14:47	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 14:47	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 14:47	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 14:47	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 14:47	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 14:47	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 14:47	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 14:47	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 14:47	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 14:47	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 14:47	100-42-5	

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### ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-17 (70)**      **Lab ID: 10553163003**      Collected: 03/30/21 10:20      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/05/21 14:47	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 14:47	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/05/21 14:47	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 14:47	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 14:47	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/05/21 14:47	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 14:47	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 14:47	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:47	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 14:47	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 14:47	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 14:47	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 14:47	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 14:47	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 14:47	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 14:47	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/05/21 14:47	460-00-4	
Dibromofluoromethane (S)	110	%	70-130		1		04/05/21 14:47	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/05/21 14:47	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-10-30LT**      **Lab ID: 10553163004**      Collected: 03/30/21 10:55      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 15:11	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 15:11	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:11	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 15:11	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 15:11	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 15:11	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 15:11	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 15:11	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 15:11	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 15:11	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 15:11	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 15:11	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 15:11	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:11	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:11	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:11	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 15:11	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 15:11	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 15:11	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 15:11	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 15:11	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 15:11	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 15:11	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 15:11	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 15:11	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 15:11	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 15:11	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 15:11	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 15:11	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 15:11	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:11	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 15:11	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 15:11	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 15:11	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 15:11	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 15:11	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 15:11	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 15:11	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 15:11	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 15:11	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 15:11	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 15:11	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 15:11	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 15:11	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 15:11	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-10-30LT**      **Lab ID: 10553163004**      Collected: 03/30/21 10:55      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<b>2.2</b>	ug/L	1.1	0.33	1		04/05/21 15:11	127-18-4	
Toluene	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		04/05/21 15:11	108-88-3	
Trichloroethene	<b>0.40J</b>	ug/L	1.0	0.26	1		04/05/21 15:11	79-01-6	
Trichlorofluoromethane	<b>&lt;0.21</b>	ug/L	1.0	0.21	1		04/05/21 15:11	75-69-4	
Vinyl chloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		04/05/21 15:11	75-01-4	
cis-1,2-Dichloroethene	<b>0.33J</b>	ug/L	1.0	0.27	1		04/05/21 15:11	156-59-2	
cis-1,3-Dichloropropene	<b>&lt;3.6</b>	ug/L	12.1	3.6	1		04/05/21 15:11	10061-01-5	
m&p-Xylene	<b>&lt;0.47</b>	ug/L	2.0	0.47	1		04/05/21 15:11	179601-23-1	
n-Butylbenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		04/05/21 15:11	104-51-8	
n-Propylbenzene	<b>&lt;0.81</b>	ug/L	5.0	0.81	1		04/05/21 15:11	103-65-1	
o-Xylene	<b>&lt;0.26</b>	ug/L	1.0	0.26	1		04/05/21 15:11	95-47-6	
p-Isopropyltoluene	<b>&lt;0.80</b>	ug/L	2.7	0.80	1		04/05/21 15:11	99-87-6	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	5.0	0.85	1		04/05/21 15:11	135-98-8	
tert-Butylbenzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		04/05/21 15:11	98-06-6	
trans-1,2-Dichloroethene	<b>&lt;0.46</b>	ug/L	1.5	0.46	1		04/05/21 15:11	156-60-5	
trans-1,3-Dichloropropene	<b>&lt;4.4</b>	ug/L	14.6	4.4	1		04/05/21 15:11	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/05/21 15:11	460-00-4	
Dibromofluoromethane (S)	109	%	70-130		1		04/05/21 15:11	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/05/21 15:11	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-10-50LT**      **Lab ID: 10553163005**      Collected: 03/30/21 11:20      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 15:34	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 15:34	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:34	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 15:34	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 15:34	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 15:34	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 15:34	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 15:34	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 15:34	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 15:34	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 15:34	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 15:34	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 15:34	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:34	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:34	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:34	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 15:34	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 15:34	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 15:34	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 15:34	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 15:34	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 15:34	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 15:34	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 15:34	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 15:34	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 15:34	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 15:34	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 15:34	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 15:34	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 15:34	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:34	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 15:34	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 15:34	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 15:34	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 15:34	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 15:34	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 15:34	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 15:34	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 15:34	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 15:34	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 15:34	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 15:34	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 15:34	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 15:34	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 15:34	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-10-50LT**      **Lab ID: 10553163005**      Collected: 03/30/21 11:20      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	3.4	ug/L	1.1	0.33	1		04/05/21 15:34	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 15:34	108-88-3	
Trichloroethene	0.37J	ug/L	1.0	0.26	1		04/05/21 15:34	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 15:34	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 15:34	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/05/21 15:34	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 15:34	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 15:34	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:34	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 15:34	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 15:34	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 15:34	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 15:34	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 15:34	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 15:34	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 15:34	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/05/21 15:34	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		04/05/21 15:34	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/05/21 15:34	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-6-30LT**      **Lab ID: 10553163006**      Collected: 03/30/21 11:50      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 15:58	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 15:58	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:58	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 15:58	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 15:58	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 15:58	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 15:58	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 15:58	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 15:58	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 15:58	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 15:58	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 15:58	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 15:58	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:58	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:58	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 15:58	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 15:58	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 15:58	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 15:58	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 15:58	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 15:58	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 15:58	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 15:58	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 15:58	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 15:58	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 15:58	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 15:58	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 15:58	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 15:58	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 15:58	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:58	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 15:58	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 15:58	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 15:58	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 15:58	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 15:58	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 15:58	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 15:58	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 15:58	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 15:58	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 15:58	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 15:58	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 15:58	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 15:58	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 15:58	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-6-30LT**      **Lab ID: 10553163006**      Collected: 03/30/21 11:50      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/05/21 15:58	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 15:58	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/05/21 15:58	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 15:58	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 15:58	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/05/21 15:58	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 15:58	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 15:58	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 15:58	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 15:58	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 15:58	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 15:58	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 15:58	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 15:58	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 15:58	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 15:58	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/05/21 15:58	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		04/05/21 15:58	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		04/05/21 15:58	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-6-50LT**      **Lab ID: 10553163007**      Collected: 03/30/21 12:25      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 16:22	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 16:22	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 16:22	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 16:22	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 16:22	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 16:22	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 16:22	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 16:22	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 16:22	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 16:22	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 16:22	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 16:22	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 16:22	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 16:22	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 16:22	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 16:22	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 16:22	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 16:22	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 16:22	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 16:22	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 16:22	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 16:22	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 16:22	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 16:22	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 16:22	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 16:22	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 16:22	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 16:22	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 16:22	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 16:22	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 16:22	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 16:22	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 16:22	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 16:22	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 16:22	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 16:22	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 16:22	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 16:22	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 16:22	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 16:22	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 16:22	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 16:22	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 16:22	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 16:22	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 16:22	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-6-50LT**      **Lab ID: 10553163007**      Collected: 03/30/21 12:25      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<b>0.49J</b>	ug/L	1.1	0.33	1		04/05/21 16:22	127-18-4	
Toluene	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		04/05/21 16:22	108-88-3	
Trichloroethene	<b>&lt;0.26</b>	ug/L	1.0	0.26	1		04/05/21 16:22	79-01-6	
Trichlorofluoromethane	<b>&lt;0.21</b>	ug/L	1.0	0.21	1		04/05/21 16:22	75-69-4	
Vinyl chloride	<b>&lt;0.17</b>	ug/L	1.0	0.17	1		04/05/21 16:22	75-01-4	
cis-1,2-Dichloroethene	<b>&lt;0.27</b>	ug/L	1.0	0.27	1		04/05/21 16:22	156-59-2	
cis-1,3-Dichloropropene	<b>&lt;3.6</b>	ug/L	12.1	3.6	1		04/05/21 16:22	10061-01-5	
m&p-Xylene	<b>&lt;0.47</b>	ug/L	2.0	0.47	1		04/05/21 16:22	179601-23-1	
n-Butylbenzene	<b>&lt;0.71</b>	ug/L	2.4	0.71	1		04/05/21 16:22	104-51-8	
n-Propylbenzene	<b>&lt;0.81</b>	ug/L	5.0	0.81	1		04/05/21 16:22	103-65-1	
o-Xylene	<b>&lt;0.26</b>	ug/L	1.0	0.26	1		04/05/21 16:22	95-47-6	
p-Isopropyltoluene	<b>&lt;0.80</b>	ug/L	2.7	0.80	1		04/05/21 16:22	99-87-6	
sec-Butylbenzene	<b>&lt;0.85</b>	ug/L	5.0	0.85	1		04/05/21 16:22	135-98-8	
tert-Butylbenzene	<b>&lt;0.30</b>	ug/L	1.0	0.30	1		04/05/21 16:22	98-06-6	
trans-1,2-Dichloroethene	<b>&lt;0.46</b>	ug/L	1.5	0.46	1		04/05/21 16:22	156-60-5	
trans-1,3-Dichloropropene	<b>&lt;4.4</b>	ug/L	14.6	4.4	1		04/05/21 16:22	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	94	%	70-130		1		04/05/21 16:22	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		04/05/21 16:22	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/05/21 16:22	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-13D**      **Lab ID: 10553163008**      Collected: 03/30/21 12:55      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 16:45	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 16:45	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 16:45	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 16:45	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 16:45	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 16:45	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 16:45	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 16:45	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 16:45	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 16:45	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 16:45	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 16:45	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 16:45	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 16:45	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 16:45	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 16:45	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 16:45	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 16:45	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 16:45	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 16:45	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 16:45	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 16:45	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 16:45	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 16:45	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 16:45	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 16:45	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 16:45	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 16:45	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 16:45	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 16:45	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 16:45	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 16:45	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 16:45	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 16:45	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 16:45	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 16:45	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 16:45	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 16:45	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 16:45	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 16:45	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 16:45	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 16:45	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 16:45	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 16:45	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 16:45	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-13D**      **Lab ID: 10553163008**      Collected: 03/30/21 12:55      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	69.6	ug/L	1.1	0.33	1		04/05/21 16:45	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 16:45	108-88-3	
Trichloroethene	15.2	ug/L	1.0	0.26	1		04/05/21 16:45	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 16:45	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 16:45	75-01-4	
cis-1,2-Dichloroethene	15.4	ug/L	1.0	0.27	1		04/05/21 16:45	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 16:45	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 16:45	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 16:45	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 16:45	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 16:45	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 16:45	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 16:45	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 16:45	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 16:45	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 16:45	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/05/21 16:45	460-00-4	
Dibromofluoromethane (S)	114	%	70-130		1		04/05/21 16:45	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/05/21 16:45	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-15D**      **Lab ID: 10553163009**      Collected: 03/30/21 13:25      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 17:09	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 17:09	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 17:09	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 17:09	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 17:09	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 17:09	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 17:09	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 17:09	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 17:09	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 17:09	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 17:09	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 17:09	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 17:09	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 17:09	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 17:09	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 17:09	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 17:09	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 17:09	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 17:09	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 17:09	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 17:09	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 17:09	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 17:09	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 17:09	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 17:09	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 17:09	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 17:09	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 17:09	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 17:09	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 17:09	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 17:09	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 17:09	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 17:09	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 17:09	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 17:09	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 17:09	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 17:09	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 17:09	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 17:09	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 17:09	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 17:09	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 17:09	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 17:09	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 17:09	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 17:09	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: MW-15D**      **Lab ID: 10553163009**      Collected: 03/30/21 13:25      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	85.3	ug/L	1.1	0.33	1		04/05/21 17:09	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 17:09	108-88-3	
Trichloroethene	20.0	ug/L	1.0	0.26	1		04/05/21 17:09	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 17:09	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 17:09	75-01-4	
cis-1,2-Dichloroethene	27.2	ug/L	1.0	0.27	1		04/05/21 17:09	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 17:09	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 17:09	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 17:09	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 17:09	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 17:09	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 17:09	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 17:09	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 17:09	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 17:09	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 17:09	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	93	%	70-130		1		04/05/21 17:09	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		04/05/21 17:09	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		04/05/21 17:09	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: Municipal Well #2**      **Lab ID: 10553163010**      Collected: 03/30/21 10:30      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 14:23	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 14:23	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:23	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 14:23	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 14:23	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 14:23	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 14:23	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 14:23	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 14:23	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 14:23	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 14:23	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 14:23	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 14:23	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:23	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:23	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:23	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 14:23	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 14:23	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 14:23	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 14:23	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 14:23	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 14:23	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 14:23	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 14:23	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 14:23	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 14:23	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 14:23	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 14:23	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 14:23	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 14:23	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:23	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 14:23	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 14:23	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 14:23	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 14:23	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 14:23	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 14:23	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 14:23	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 14:23	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 14:23	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 14:23	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 14:23	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 14:23	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 14:23	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 14:23	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: Municipal Well #2**      **Lab ID: 10553163010**      Collected: 03/30/21 10:30      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/05/21 14:23	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 14:23	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/05/21 14:23	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 14:23	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 14:23	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/05/21 14:23	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 14:23	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 14:23	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:23	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 14:23	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 14:23	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 14:23	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 14:23	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 14:23	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 14:23	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 14:23	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/05/21 14:23	460-00-4	
Dibromofluoromethane (S)	115	%	70-130		1		04/05/21 14:23	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		04/05/21 14:23	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: Dup -1**      **Lab ID: 10553163011**      Collected: 03/30/21 00:00      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>		Analytical Method: EPA 8260 Pace Analytical Services - Green Bay							
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 17:33	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 17:33	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 17:33	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 17:33	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 17:33	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 17:33	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 17:33	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 17:33	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 17:33	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 17:33	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 17:33	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 17:33	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 17:33	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 17:33	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 17:33	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 17:33	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 17:33	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 17:33	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 17:33	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 17:33	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 17:33	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 17:33	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 17:33	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 17:33	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 17:33	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 17:33	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 17:33	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 17:33	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 17:33	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 17:33	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 17:33	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 17:33	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 17:33	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 17:33	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 17:33	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 17:33	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 17:33	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 17:33	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 17:33	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 17:33	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 17:33	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 17:33	1634-04-4	
Methylene Chloride	<0.58	ug/L	5.0	0.58	1		04/05/21 17:33	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 17:33	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 17:33	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: Dup -1**      **Lab ID: 10553163011**      Collected: 03/30/21 00:00      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	92.5	ug/L	1.1	0.33	1		04/05/21 17:33	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 17:33	108-88-3	
Trichloroethene	21.0	ug/L	1.0	0.26	1		04/05/21 17:33	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 17:33	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 17:33	75-01-4	
cis-1,2-Dichloroethene	28.5	ug/L	1.0	0.27	1		04/05/21 17:33	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 17:33	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 17:33	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 17:33	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 17:33	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 17:33	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 17:33	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 17:33	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 17:33	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 17:33	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 17:33	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/05/21 17:33	460-00-4	
Dibromofluoromethane (S)	111	%	70-130		1		04/05/21 17:33	1868-53-7	
Toluene-d8 (S)	102	%	70-130		1		04/05/21 17:33	2037-26-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: Trip Blank**      **Lab ID: 10553163012**      Collected: 03/30/21 00:00      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
1,1,1,2-Tetrachloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 14:00	630-20-6	
1,1,1-Trichloroethane	<0.24	ug/L	1.0	0.24	1		04/05/21 14:00	71-55-6	
1,1,2,2-Tetrachloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:00	79-34-5	
1,1,2-Trichloroethane	<0.55	ug/L	5.0	0.55	1		04/05/21 14:00	79-00-5	
1,1-Dichloroethane	<0.27	ug/L	1.0	0.27	1		04/05/21 14:00	75-34-3	
1,1-Dichloroethene	<0.24	ug/L	1.0	0.24	1		04/05/21 14:00	75-35-4	
1,1-Dichloropropene	<0.54	ug/L	1.8	0.54	1		04/05/21 14:00	563-58-6	
1,2,3-Trichlorobenzene	<2.2	ug/L	7.4	2.2	1		04/05/21 14:00	87-61-6	
1,2,3-Trichloropropane	<0.59	ug/L	5.0	0.59	1		04/05/21 14:00	96-18-4	
1,2,4-Trichlorobenzene	<0.95	ug/L	5.0	0.95	1		04/05/21 14:00	120-82-1	
1,2,4-Trimethylbenzene	<0.84	ug/L	2.8	0.84	1		04/05/21 14:00	95-63-6	
1,2-Dibromo-3-chloropropane	<1.8	ug/L	5.9	1.8	1		04/05/21 14:00	96-12-8	
1,2-Dibromoethane (EDB)	<0.83	ug/L	2.8	0.83	1		04/05/21 14:00	106-93-4	
1,2-Dichlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:00	95-50-1	
1,2-Dichloroethane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:00	107-06-2	
1,2-Dichloropropane	<0.28	ug/L	1.0	0.28	1		04/05/21 14:00	78-87-5	
1,3,5-Trimethylbenzene	<0.87	ug/L	2.9	0.87	1		04/05/21 14:00	108-67-8	
1,3-Dichlorobenzene	<0.63	ug/L	2.1	0.63	1		04/05/21 14:00	541-73-1	
1,3-Dichloropropane	<0.83	ug/L	2.8	0.83	1		04/05/21 14:00	142-28-9	
1,4-Dichlorobenzene	<0.94	ug/L	3.1	0.94	1		04/05/21 14:00	106-46-7	
2,2-Dichloropropane	<2.3	ug/L	7.6	2.3	1		04/05/21 14:00	594-20-7	
2-Chlorotoluene	<0.93	ug/L	5.0	0.93	1		04/05/21 14:00	95-49-8	
4-Chlorotoluene	<0.76	ug/L	2.5	0.76	1		04/05/21 14:00	106-43-4	
Benzene	<0.25	ug/L	1.0	0.25	1		04/05/21 14:00	71-43-2	
Bromobenzene	<0.24	ug/L	1.0	0.24	1		04/05/21 14:00	108-86-1	
Bromochloromethane	<0.36	ug/L	5.0	0.36	1		04/05/21 14:00	74-97-5	
Bromodichloromethane	<0.36	ug/L	1.2	0.36	1		04/05/21 14:00	75-27-4	
Bromoform	<4.0	ug/L	13.2	4.0	1		04/05/21 14:00	75-25-2	
Bromomethane	<0.97	ug/L	5.0	0.97	1		04/05/21 14:00	74-83-9	
Carbon tetrachloride	<1.1	ug/L	3.6	1.1	1		04/05/21 14:00	56-23-5	
Chlorobenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:00	108-90-7	
Chloroethane	<1.3	ug/L	5.0	1.3	1		04/05/21 14:00	75-00-3	
Chloroform	<1.3	ug/L	5.0	1.3	1		04/05/21 14:00	67-66-3	
Chloromethane	<2.2	ug/L	7.3	2.2	1		04/05/21 14:00	74-87-3	
Dibromochloromethane	<2.6	ug/L	8.7	2.6	1		04/05/21 14:00	124-48-1	
Dibromomethane	<0.94	ug/L	3.1	0.94	1		04/05/21 14:00	74-95-3	
Dichlorodifluoromethane	<0.50	ug/L	5.0	0.50	1		04/05/21 14:00	75-71-8	
Diisopropyl ether	<1.9	ug/L	6.3	1.9	1		04/05/21 14:00	108-20-3	
Ethylbenzene	<0.32	ug/L	1.1	0.32	1		04/05/21 14:00	100-41-4	
Hexachloro-1,3-butadiene	<1.5	ug/L	4.9	1.5	1		04/05/21 14:00	87-68-3	
Isopropylbenzene (Cumene)	<1.7	ug/L	5.6	1.7	1		04/05/21 14:00	98-82-8	
Methyl-tert-butyl ether	<1.2	ug/L	4.2	1.2	1		04/05/21 14:00	1634-04-4	
Methylene Chloride	0.82J	ug/L	5.0	0.58	1		04/05/21 14:00	75-09-2	
Naphthalene	<1.2	ug/L	5.0	1.2	1		04/05/21 14:00	91-20-3	
Styrene	<3.0	ug/L	10.0	3.0	1		04/05/21 14:00	100-42-5	

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## ANALYTICAL RESULTS

Project: Laundry Basket

Pace Project No.: 10553163

**Sample: Trip Blank**      **Lab ID: 10553163012**      Collected: 03/30/21 00:00      Received: 03/31/21 14:58      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260 MSV</b>									
Analytical Method: EPA 8260									
Pace Analytical Services - Green Bay									
Tetrachloroethene	<0.33	ug/L	1.1	0.33	1		04/05/21 14:00	127-18-4	
Toluene	<0.27	ug/L	1.0	0.27	1		04/05/21 14:00	108-88-3	
Trichloroethene	<0.26	ug/L	1.0	0.26	1		04/05/21 14:00	79-01-6	
Trichlorofluoromethane	<0.21	ug/L	1.0	0.21	1		04/05/21 14:00	75-69-4	
Vinyl chloride	<0.17	ug/L	1.0	0.17	1		04/05/21 14:00	75-01-4	
cis-1,2-Dichloroethene	<0.27	ug/L	1.0	0.27	1		04/05/21 14:00	156-59-2	
cis-1,3-Dichloropropene	<3.6	ug/L	12.1	3.6	1		04/05/21 14:00	10061-01-5	
m&p-Xylene	<0.47	ug/L	2.0	0.47	1		04/05/21 14:00	179601-23-1	
n-Butylbenzene	<0.71	ug/L	2.4	0.71	1		04/05/21 14:00	104-51-8	
n-Propylbenzene	<0.81	ug/L	5.0	0.81	1		04/05/21 14:00	103-65-1	
o-Xylene	<0.26	ug/L	1.0	0.26	1		04/05/21 14:00	95-47-6	
p-Isopropyltoluene	<0.80	ug/L	2.7	0.80	1		04/05/21 14:00	99-87-6	
sec-Butylbenzene	<0.85	ug/L	5.0	0.85	1		04/05/21 14:00	135-98-8	
tert-Butylbenzene	<0.30	ug/L	1.0	0.30	1		04/05/21 14:00	98-06-6	
trans-1,2-Dichloroethene	<0.46	ug/L	1.5	0.46	1		04/05/21 14:00	156-60-5	
trans-1,3-Dichloropropene	<4.4	ug/L	14.6	4.4	1		04/05/21 14:00	10061-02-6	
<b>Surrogates</b>									
4-Bromofluorobenzene (S)	95	%	70-130		1		04/05/21 14:00	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		1		04/05/21 14:00	1868-53-7	
Toluene-d8 (S)	99	%	70-130		1		04/05/21 14:00	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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**QUALITY CONTROL DATA**

Project: Laundry Basket

Pace Project No.: 10553163

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QC Batch: 381440 Analysis Method: EPA 8260  
 QC Batch Method: EPA 8260 Analysis Description: 8260 MSV  
 Laboratory: Pace Analytical Services - Green Bay  
 Associated Lab Samples: 10553163003, 10553163004, 10553163005, 10553163006, 10553163007, 10553163008, 10553163009, 10553163010, 10553163011, 10553163012

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METHOD BLANK: 2200303 Matrix: Water  
 Associated Lab Samples: 10553163003, 10553163004, 10553163005, 10553163006, 10553163007, 10553163008, 10553163009, 10553163010, 10553163011, 10553163012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	04/05/21 08:51	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	04/05/21 08:51	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	04/05/21 08:51	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	04/05/21 08:51	
1,1-Dichloroethane	ug/L	<0.27	1.0	04/05/21 08:51	
1,1-Dichloroethene	ug/L	<0.24	1.0	04/05/21 08:51	
1,1-Dichloropropene	ug/L	<0.54	1.8	04/05/21 08:51	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	04/05/21 08:51	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	04/05/21 08:51	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/05/21 08:51	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	04/05/21 08:51	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	04/05/21 08:51	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	04/05/21 08:51	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	04/05/21 08:51	
1,2-Dichloroethane	ug/L	<0.28	1.0	04/05/21 08:51	
1,2-Dichloropropane	ug/L	<0.28	1.0	04/05/21 08:51	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	04/05/21 08:51	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	04/05/21 08:51	
1,3-Dichloropropane	ug/L	<0.83	2.8	04/05/21 08:51	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	04/05/21 08:51	
2,2-Dichloropropane	ug/L	<2.3	7.6	04/05/21 08:51	
2-Chlorotoluene	ug/L	<0.93	5.0	04/05/21 08:51	
4-Chlorotoluene	ug/L	<0.76	2.5	04/05/21 08:51	
Benzene	ug/L	<0.25	1.0	04/05/21 08:51	
Bromobenzene	ug/L	<0.24	1.0	04/05/21 08:51	
Bromochloromethane	ug/L	<0.36	5.0	04/05/21 08:51	
Bromodichloromethane	ug/L	<0.36	1.2	04/05/21 08:51	
Bromoform	ug/L	<4.0	13.2	04/05/21 08:51	
Bromomethane	ug/L	<0.97	5.0	04/05/21 08:51	
Carbon tetrachloride	ug/L	<1.1	3.6	04/05/21 08:51	
Chlorobenzene	ug/L	<0.71	2.4	04/05/21 08:51	
Chloroethane	ug/L	<1.3	5.0	04/05/21 08:51	
Chloroform	ug/L	<1.3	5.0	04/05/21 08:51	
Chloromethane	ug/L	<2.2	7.3	04/05/21 08:51	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	04/05/21 08:51	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	04/05/21 08:51	
Dibromochloromethane	ug/L	<2.6	8.7	04/05/21 08:51	
Dibromomethane	ug/L	<0.94	3.1	04/05/21 08:51	
Dichlorodifluoromethane	ug/L	<0.50	5.0	04/05/21 08:51	

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### QUALITY CONTROL DATA

Project: Laundry Basket

Pace Project No.: 10553163

METHOD BLANK: 2200303

Matrix: Water

Associated Lab Samples: 10553163003, 10553163004, 10553163005, 10553163006, 10553163007, 10553163008, 10553163009, 10553163010, 10553163011, 10553163012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	<1.9	6.3	04/05/21 08:51	
Ethylbenzene	ug/L	<0.32	1.1	04/05/21 08:51	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	04/05/21 08:51	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	04/05/21 08:51	
m&p-Xylene	ug/L	<0.47	2.0	04/05/21 08:51	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	04/05/21 08:51	
Methylene Chloride	ug/L	<0.58	5.0	04/05/21 08:51	
n-Butylbenzene	ug/L	<0.71	2.4	04/05/21 08:51	
n-Propylbenzene	ug/L	<0.81	5.0	04/05/21 08:51	
Naphthalene	ug/L	<1.2	5.0	04/05/21 08:51	
o-Xylene	ug/L	<0.26	1.0	04/05/21 08:51	
p-Isopropyltoluene	ug/L	<0.80	2.7	04/05/21 08:51	
sec-Butylbenzene	ug/L	<0.85	5.0	04/05/21 08:51	
Styrene	ug/L	<3.0	10.0	04/05/21 08:51	
tert-Butylbenzene	ug/L	<0.30	1.0	04/05/21 08:51	
Tetrachloroethene	ug/L	<0.33	1.1	04/05/21 08:51	
Toluene	ug/L	<0.27	1.0	04/05/21 08:51	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	04/05/21 08:51	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	04/05/21 08:51	
Trichloroethene	ug/L	<0.26	1.0	04/05/21 08:51	
Trichlorofluoromethane	ug/L	<0.21	1.0	04/05/21 08:51	
Vinyl chloride	ug/L	<0.17	1.0	04/05/21 08:51	
4-Bromofluorobenzene (S)	%	97	70-130	04/05/21 08:51	
Dibromofluoromethane (S)	%	95	70-130	04/05/21 08:51	
Toluene-d8 (S)	%	100	70-130	04/05/21 08:51	

LABORATORY CONTROL SAMPLE: 2200304

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.9	110	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	53.1	106	66-130	
1,1,2-Trichloroethane	ug/L	50	52.0	104	70-130	
1,1-Dichloroethane	ug/L	50	48.0	96	68-132	
1,1-Dichloroethene	ug/L	50	47.3	95	85-126	
1,2,4-Trichlorobenzene	ug/L	50	52.6	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	50.9	102	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	54.2	108	70-130	
1,2-Dichlorobenzene	ug/L	50	56.7	113	70-130	
1,2-Dichloroethane	ug/L	50	43.1	86	70-130	
1,2-Dichloropropane	ug/L	50	58.5	117	78-125	
1,3-Dichlorobenzene	ug/L	50	59.8	120	70-130	
1,4-Dichlorobenzene	ug/L	50	56.8	114	70-130	
Benzene	ug/L	50	49.3	99	70-132	

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### QUALITY CONTROL DATA

Project: Laundry Basket

Pace Project No.: 10553163

LABORATORY CONTROL SAMPLE: 2200304

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromodichloromethane	ug/L	50	59.1	118	70-130	
Bromoform	ug/L	50	61.4	123	65-130	
Bromomethane	ug/L	50	40.6	81	44-128	
Carbon tetrachloride	ug/L	50	52.3	105	70-130	
Chlorobenzene	ug/L	50	59.2	118	70-130	
Chloroethane	ug/L	50	48.2	96	73-137	
Chloroform	ug/L	50	49.6	99	80-122	
Chloromethane	ug/L	50	37.2	74	27-148	
cis-1,2-Dichloroethene	ug/L	50	49.6	99	70-130	
cis-1,3-Dichloropropene	ug/L	50	56.6	113	70-130	
Dibromochloromethane	ug/L	50	57.0	114	70-130	
Dichlorodifluoromethane	ug/L	50	22.7	45	22-151	
Ethylbenzene	ug/L	50	61.1	122	80-123	
Isopropylbenzene (Cumene)	ug/L	50	61.3	123	70-130	
m&p-Xylene	ug/L	100	122	122	70-130	
Methyl-tert-butyl ether	ug/L	50	40.5	81	66-130	
Methylene Chloride	ug/L	50	48.7	97	70-130	
o-Xylene	ug/L	50	60.1	120	70-130	
Styrene	ug/L	50	61.3	123	70-130	
Tetrachloroethene	ug/L	50	60.4	121	70-130	
Toluene	ug/L	50	59.2	118	80-121	
trans-1,2-Dichloroethene	ug/L	50	47.4	95	70-130	
trans-1,3-Dichloropropene	ug/L	50	52.5	105	58-125	
Trichloroethene	ug/L	50	61.8	124	70-130	
Trichlorofluoromethane	ug/L	50	50.5	101	84-148	
Vinyl chloride	ug/L	50	42.4	85	63-142	
4-Bromofluorobenzene (S)	%			106	70-130	
Dibromofluoromethane (S)	%			96	70-130	
Toluene-d8 (S)	%			105	70-130	

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### QUALITY CONTROL DATA

Project: Laundry Basket

Pace Project No.: 10553163

QC Batch: 381498

Analysis Method: EPA 8260

QC Batch Method: EPA 8260

Analysis Description: 8260 MSV

Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 10553163001, 10553163002

METHOD BLANK: 2200438

Matrix: Water

Associated Lab Samples: 10553163001, 10553163002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	04/06/21 08:18	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	04/06/21 08:18	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	04/06/21 08:18	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	04/06/21 08:18	
1,1-Dichloroethane	ug/L	<0.27	1.0	04/06/21 08:18	
1,1-Dichloroethene	ug/L	<0.24	1.0	04/06/21 08:18	
1,1-Dichloropropene	ug/L	<0.54	1.8	04/06/21 08:18	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	04/06/21 08:18	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	04/06/21 08:18	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	04/06/21 08:18	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	04/06/21 08:18	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	04/06/21 08:18	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	04/06/21 08:18	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	04/06/21 08:18	
1,2-Dichloroethane	ug/L	<0.28	1.0	04/06/21 08:18	
1,2-Dichloropropane	ug/L	<0.28	1.0	04/06/21 08:18	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	04/06/21 08:18	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	04/06/21 08:18	
1,3-Dichloropropane	ug/L	<0.83	2.8	04/06/21 08:18	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	04/06/21 08:18	
2,2-Dichloropropane	ug/L	<2.3	7.6	04/06/21 08:18	
2-Chlorotoluene	ug/L	<0.93	5.0	04/06/21 08:18	
4-Chlorotoluene	ug/L	<0.76	2.5	04/06/21 08:18	
Benzene	ug/L	<0.25	1.0	04/06/21 08:18	
Bromobenzene	ug/L	<0.24	1.0	04/06/21 08:18	
Bromochloromethane	ug/L	<0.36	5.0	04/06/21 08:18	
Bromodichloromethane	ug/L	<0.36	1.2	04/06/21 08:18	
Bromoform	ug/L	<4.0	13.2	04/06/21 08:18	
Bromomethane	ug/L	<0.97	5.0	04/06/21 08:18	
Carbon tetrachloride	ug/L	<1.1	3.6	04/06/21 08:18	
Chlorobenzene	ug/L	<0.71	2.4	04/06/21 08:18	
Chloroethane	ug/L	<1.3	5.0	04/06/21 08:18	
Chloroform	ug/L	<1.3	5.0	04/06/21 08:18	
Chloromethane	ug/L	<2.2	7.3	04/06/21 08:18	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	04/06/21 08:18	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	04/06/21 08:18	
Dibromochloromethane	ug/L	<2.6	8.7	04/06/21 08:18	
Dibromomethane	ug/L	<0.94	3.1	04/06/21 08:18	
Dichlorodifluoromethane	ug/L	<0.50	5.0	04/06/21 08:18	
Diisopropyl ether	ug/L	<1.9	6.3	04/06/21 08:18	

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### QUALITY CONTROL DATA

Project: Laundry Basket

Pace Project No.: 10553163

METHOD BLANK: 2200438

Matrix: Water

Associated Lab Samples: 10553163001, 10553163002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	04/06/21 08:18	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	04/06/21 08:18	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	04/06/21 08:18	
m&p-Xylene	ug/L	<0.47	2.0	04/06/21 08:18	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	04/06/21 08:18	
Methylene Chloride	ug/L	<0.58	5.0	04/06/21 08:18	
n-Butylbenzene	ug/L	<0.71	2.4	04/06/21 08:18	
n-Propylbenzene	ug/L	<0.81	5.0	04/06/21 08:18	
Naphthalene	ug/L	<1.2	5.0	04/06/21 08:18	
o-Xylene	ug/L	<0.26	1.0	04/06/21 08:18	
p-Isopropyltoluene	ug/L	<0.80	2.7	04/06/21 08:18	
sec-Butylbenzene	ug/L	<0.85	5.0	04/06/21 08:18	
Styrene	ug/L	<3.0	10.0	04/06/21 08:18	
tert-Butylbenzene	ug/L	<0.30	1.0	04/06/21 08:18	
Tetrachloroethene	ug/L	<0.33	1.1	04/06/21 08:18	
Toluene	ug/L	<0.27	1.0	04/06/21 08:18	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	04/06/21 08:18	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	04/06/21 08:18	
Trichloroethene	ug/L	<0.26	1.0	04/06/21 08:18	
Trichlorofluoromethane	ug/L	<0.21	1.0	04/06/21 08:18	
Vinyl chloride	ug/L	<0.17	1.0	04/06/21 08:18	
4-Bromofluorobenzene (S)	%	104	70-130	04/06/21 08:18	
Dibromofluoromethane (S)	%	102	70-130	04/06/21 08:18	
Toluene-d8 (S)	%	101	70-130	04/06/21 08:18	

LABORATORY CONTROL SAMPLE: 2200439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	54.0	108	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	48.9	98	66-130	
1,1,2-Trichloroethane	ug/L	50	55.8	112	70-130	
1,1-Dichloroethane	ug/L	50	52.3	105	68-132	
1,1-Dichloroethene	ug/L	50	49.5	99	85-126	
1,2,4-Trichlorobenzene	ug/L	50	52.7	105	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.1	92	51-126	
1,2-Dibromoethane (EDB)	ug/L	50	51.9	104	70-130	
1,2-Dichlorobenzene	ug/L	50	52.5	105	70-130	
1,2-Dichloroethane	ug/L	50	52.7	105	70-130	
1,2-Dichloropropane	ug/L	50	56.9	114	78-125	
1,3-Dichlorobenzene	ug/L	50	53.5	107	70-130	
1,4-Dichlorobenzene	ug/L	50	53.6	107	70-130	
Benzene	ug/L	50	51.5	103	70-132	
Bromodichloromethane	ug/L	50	56.1	112	70-130	
Bromoform	ug/L	50	54.2	108	65-130	

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### QUALITY CONTROL DATA

Project: Laundry Basket

Pace Project No.: 10553163

LABORATORY CONTROL SAMPLE: 2200439

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromomethane	ug/L	50	42.2	84	44-128	
Carbon tetrachloride	ug/L	50	56.9	114	70-130	
Chlorobenzene	ug/L	50	56.3	113	70-130	
Chloroethane	ug/L	50	48.8	98	73-137	
Chloroform	ug/L	50	54.5	109	80-122	
Chloromethane	ug/L	50	43.1	86	27-148	
cis-1,2-Dichloroethene	ug/L	50	52.3	105	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.0	114	70-130	
Dibromochloromethane	ug/L	50	50.1	100	70-130	
Dichlorodifluoromethane	ug/L	50	38.4	77	22-151	
Ethylbenzene	ug/L	50	57.4	115	80-123	
Isopropylbenzene (Cumene)	ug/L	50	56.2	112	70-130	
m&p-Xylene	ug/L	100	112	112	70-130	
Methyl-tert-butyl ether	ug/L	50	48.4	97	66-130	
Methylene Chloride	ug/L	50	49.1	98	70-130	
o-Xylene	ug/L	50	54.4	109	70-130	
Styrene	ug/L	50	56.6	113	70-130	
Tetrachloroethene	ug/L	50	58.1	116	70-130	
Toluene	ug/L	50	55.1	110	80-121	
trans-1,2-Dichloroethene	ug/L	50	49.1	98	70-130	
trans-1,3-Dichloropropene	ug/L	50	55.2	110	58-125	
Trichloroethene	ug/L	50	59.8	120	70-130	
Trichlorofluoromethane	ug/L	50	55.8	112	84-148	
Vinyl chloride	ug/L	50	45.9	92	63-142	
4-Bromofluorobenzene (S)	%			107	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			103	70-130	

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

### REPORT OF LABORATORY ANALYSIS

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without the written consent of Pace Analytical Services, LLC.

## QUALIFIERS

Project: Laundry Basket

Pace Project No.: 10553163

---

### 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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Laundry Basket

Pace Project No.: 10553163

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10553163001	MW-17	EPA 8260	381498		
10553163002	MW-17 (40)	EPA 8260	381498		
10553163003	MW-17 (70)	EPA 8260	381440		
10553163004	MW-10-30LT	EPA 8260	381440		
10553163005	MW-10-50LT	EPA 8260	381440		
10553163006	MW-6-30LT	EPA 8260	381440		
10553163007	MW-6-50LT	EPA 8260	381440		
10553163008	MW-13D	EPA 8260	381440		
10553163009	MW-15D	EPA 8260	381440		
10553163010	Municipal Well #2	EPA 8260	381440		
10553163011	Dup -1	EPA 8260	381440		
10553163012	Trip Blank	EPA 8260	381440		

### REPORT OF LABORATORY ANALYSIS

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WO#: 10553163

**CHAIN-OF-CUSTODY / Analytical Request Docu**  
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed at



**Section A**  
Required Client Information:  
Company: MSA Professional Services  
Address: 60 Platte Blvd #140  
St. Paul, MN 55107  
Phone: 612-499-3184 Fax: 612-499-3184  
Requested Due Date/TAT: \_\_\_\_\_

**Section B**  
Required Project Information:  
Report To: MARK DAVIDSON  
Copy To: \_\_\_\_\_  
Purchase Order No.: \_\_\_\_\_  
Project Name: LAUNDRY BSIET  
Project Number: \_\_\_\_\_

**Section C**  
Invoice Information:  
Attention: \_\_\_\_\_  
Company Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Pace Quote Reference: \_\_\_\_\_  
Pace Project Manager: Saman Davis  
Pace Profile #: \_\_\_\_\_

REGULATORY AGENCY  
 NPDES  GROUND WATER  DRINKING WATER  
 UST  RCRA  OTHER \_\_\_\_\_  
 Site Location: \_\_\_\_\_ STATE: WI

2157822

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE DW Drinking Water WT Waste Water WW Wastewater P Product SL Soil/Solid OL Oil WP Wipe AR Air TS Tissue OT Other	COLLECTED		SAMPLE TYPE (G=GRAB C=COMP)	MATRIX CODE (see valid codes to left)	# OF CONTAINERS	Preservatives Unpreserved H <sub>2</sub> SO <sub>4</sub> HNO <sub>3</sub> HCl NaOH Na <sub>2</sub> O <sub>2</sub> Methanol Other	Analysis Test ↑ Y/N	Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
			COMPOSITE START	COMPOSITE END/GRAB								
1	MW-17				WTG		3	X				001
2	MW-17(40)											002
3	MW-17(70)											003
4	MW-16-30 LT											004
5	MW-16-50 LT											005
6	MW-6-30 LT											006
7	MW-6-50 LT											007
8	MW-13D											008
9	MW-15D											009
10	Municipal Well #2						2					010
11	DUP-1											011
12												

**ADDITIONAL COMMENTS**  
Mark David / MSA  
3/31/21 1450  
1458  
3/31/21 1458  
Y N Y N Y N

**RELINQUISHED BY / AFFILIATION**  
Mark David / MSA  
3/31/21 1450

**ACCEPTED BY / AFFILIATION**  
Mark David / MSA  
3/31/21 1458

**DATE**  
3/31/21 1458

**TEMP IN °C**  
 \_\_\_\_\_

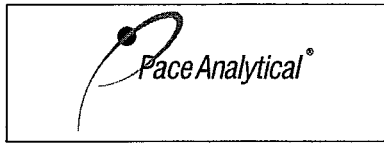
**RECEIVED ON**  
 \_\_\_\_\_

**SEALING**  
 Custody Sealed (Y/N) \_\_\_\_\_  
 Samples Intact (Y/N) \_\_\_\_\_

**SAMPLER NAME AND SIGNATURE**  
 PRINT Name of SAMPLER: MARK DAVIDSON  
 SIGNATURE of SAMPLER: Mark David  
 DATE Signed (MM/DD/YYYY): 03/31/21

ORIGINAL

Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days. F-ALL-Q-020rev.07, 15-May-2007



Document Name:  
**Sample Condition Upon Receipt (SCUR) - MN**

Document No.:  
**ENV-FRM-MIN4-0150 Rev.01**

Document Revised: 12Aug2020  
**Page 1 of 1**

Pace Analytical Services -  
**Minneapolis**

**Sample Condition Upon Receipt**

Client Name: WSP professional services

Project #:

**WO# : 10553163**

PM: SRD Due Date: 04/07/21  
CLIENT: MSA PROF

Courier:  Fed Ex  UPS  USPS  Client  
 Pace  SpeedDee  Commercial

Tracking Number: 9550 9942 1429 See Exceptions  ENV-FRM-MIN4-0142

Custody Seal on Cooler/Box Present?  Yes  No Seals Intact?  Yes  No Biological Tissue Frozen?  Yes  No  N/A

Packing Material:  Bubble Wrap  Bubble Bags  None  Other: Temp Blank?  Yes  No

Thermometer:  T1(0461)  T2(1336)  T3(0459)  T4(0254)  T5(0489) Type of Ice:  Wet  Blue  None  Dry  Melted

Did Samples Originate in West Virginia?  Yes  No Were All Container Temps Taken?  Yes  No  N/A

Temp should be above freezing to 6°C Cooler Temp Read w/temp blank: 2.2 °C Average Corrected Temp (no temp blank only): °C  See Exceptions ENV-FRM-MIN4-0142  1 Container

Correction Factor: -0.1 Cooler Temp Corrected w/temp blank: 2.1 °C

USDA Regulated Soil: ( N/A, water sample/Other: ) Date/initials of Person Examining Contents: 3/31/21 JSR

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)?  Yes  No Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?  Yes  No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

		COMMENTS:
Chain of Custody Present and Filled Out?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Relinquished?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and/or Signature on COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Samples Arrived within Hold Time?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
Short Hold Time Analysis (<72 hr)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. <input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrome <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
Rush Turn Around Time Requested?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Sufficient Volume?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Correct Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
-Pace Containers Used?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Field Filtered Volume Received for Dissolved Tests?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10. Is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is sufficient information available to reconcile the samples to the COC?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. If no, write ID/ Date/Time on Container Below: See Exception <input type="checkbox"/> ENV-FRM-MIN4-0142
Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other		
All containers needing acid/base preservation have been checked?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12. Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , <2pH, NaOH >9 Sulfide, NaOH >10 Cyanide)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	<input type="checkbox"/> NaOH <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Positive for Res. <input type="checkbox"/> Yes <input type="checkbox"/> No Chlorine? <input type="checkbox"/> Yes <input type="checkbox"/> No pH Paper Lot# See Exception <input type="checkbox"/> ENV-FRM-MIN4-0142
Extra labels present on soil VOA or WIDRO containers?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Res. Chlorine 0-6 Roll 0-6 Strip 0-14 Strip
Headspace in VOA Vials (greater than 6mm)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	13. See Exception <input type="checkbox"/> ENV-FRM-MIN4-0142
Trip Blank Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14. Pace Trip Blank Lot # (if purchased): <u>295879</u>
Trip Blank Custody Seals Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	

**CLIENT NOTIFICATION/RESOLUTION**

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_  
Comments/Resolution: \_\_\_\_\_

Field Data Required?  Yes  No

Project Manager Review: Shawn Davis

Date: 4/1/21

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled by: RS RME Page 39 of 42

# Internal Transfer Chain of Custody

40224398



Samples Pre-Logged into eCOC.

State Of Origin: WI  
Cert. Needed:  Yes  No

Workorder: 10553163 Workorder Name: Laundry Basket

Owner Received Date: 3/31/2021 Results Requested By: 4/14/2021

Report To	Subcontract To	Requested Analysis													
-----------	----------------	--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--

Shawn Davis  
Pace Analytical Minnesota  
1700 Elm Street  
Minneapolis, MN 55414  
Phone 612-607-6378

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

VG9H  
Preserved Containers

8260 VOC

Item	Sample ID	Sample Type	Collect Date/Time	Lab ID	Matrix	HCL													LAB USE ONLY
1	MW-17	PS	3/30/2021 09:15	10553163001	Water	3						X							001
2	MW-17 (40)	PS	3/30/2021 09:45	10553163002	Water	3						X							002
3	MW-17 (70)	PS	3/30/2021 10:20	10553163003	Water	3						X							003
4	MW-10-30LT	PS	3/30/2021 10:55	10553163004	Water	3						X							004
5	MW-10-50LT	PS	3/30/2021 11:20	10553163005	Water	3						X							005
6	MW-6-30LT	PS	3/30/2021 11:50	10553163006	Water	3						X							006
7	MW-6-50LT	PS	3/30/2021 12:25	10553163007	Water	3						X							007
8	MW-13D	PS	3/30/2021 12:55	10553163008	Water	3						X							008
9	MW-15D	PS	3/30/2021 13:25	10553163009	Water	3						X							009
10	Municipal Well #2	PS	3/30/2021 10:30	10553163010	Water	3						X							010
11	Dup -1	PS	3/30/2021 00:00	10553163011	Water	3						X							011
12	Trip Blank	PS	3/30/2021 00:00	10553163012	Water	2						X							012

Transfers					Comments													
Transfers	Released By	Date/Time	Received By	Date/Time														
1	<i>Y. K. Pace</i>	4/1/21 1525																
2	Walter	4/2/21 0820	Sum K. Pace	4/2/21 0820														
3																		

Cooler Temperature on Receipt 2.0 °C Custody Seal  or N Received on Ice  or N Samples Intact  or N

\*\*\*In order to maintain client confidentiality, location/name of the sampling site, sampler's name and signature may not be provided on this COC document.  
This chain of custody is considered complete as is since this information is available in the owner laboratory.



# Sample Preservation Receipt Form

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

Client Name: Pace MN

Project # 40224398

All containers needing preservation have been checked and noted below:  Yes  No  N/A

Initial when completed:

Date/Time:


Lab Lot# of pH paper:

Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass							Plastic					Vials				Jars				General			VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act. pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)			
	AG1U	BG1U	AG1H	AG4S	AG4U	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	VG9A	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU								SP5T	ZPLC	GN
001																3																	2.5 / 5 / 10
002																3																	2.5 / 5 / 10
003																3																	2.5 / 5 / 10
004																3																	2.5 / 5 / 10
005																3																	2.5 / 5 / 10
006																3																	2.5 / 5 / 10
007																3																	2.5 / 5 / 10
008																3																	2.5 / 5 / 10
009																3																	2.5 / 5 / 10
010																3																	2.5 / 5 / 10
011																2																	2.5 / 5 / 10
012																2																	2.5 / 5 / 10
013																																	2.5 / 5 / 10
014																																	2.5 / 5 / 10
015																																	2.5 / 5 / 10
016																																	2.5 / 5 / 10
017																																	2.5 / 5 / 10
018																																	2.5 / 5 / 10
019																																	2.5 / 5 / 10
020																																	2.5 / 5 / 10

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other: \_\_\_\_\_ Headspace in VOA Vials (>6mm) :  Yes  No  N/A \*If yes look in headspace column

AG1U 1 liter amber glass	BP1U 1 liter plastic unpres	VG9A 40 mL clear ascorbic	JGFU 4 oz amber jar unpres
BG1U 1 liter clear glass	BP3U 250 mL plastic unpres	DG9T 40 mL amber Na Thio	JG9U 9 oz amber jar unpres
AG1H 1 liter amber glass HCL	BP3B 250 mL plastic NaOH	VG9U 40 mL clear vial unpres	WGFU 4 oz clear jar unpres
AG4S 125 mL amber glass H2SO4	BP3N 250 mL plastic HNO3	VG9H 40 mL clear vial HCL	WPFU 4 oz plastic jar unpres
AG4U 120 mL amber glass unpres	BP3S 250 mL plastic H2SO4	VG9M 40 mL clear vial MeOH	SP5T 120 mL plastic Na Thiosulfate
AG5U 100 mL amber glass unpres		VG9D 40 mL clear vial DI	ZPLC ziploc bag
AG2S 500 mL amber glass H2SO4			GN
BG3U 250 mL clear glass unpres			

 1241 Bellevue Street, Green Bay, WI 54302	Document Name: <b>Sample Condition Upon Receipt (SCUR)</b>	Document Revised: 26Mar2020
	Document No.: <b>ENV-FRM-GBAY-0014-Rev.00</b>	Author: Pace Green Bay Quality Office

**Sample Condition Upon Receipt Form (SCUR)**

Project #:

**WO# : 40224398**

Client Name: Pace MN

Courier:  CS Logistics  Fed Ex  Speedee  UPS  Waltco  
 Client  Pace Other: \_\_\_\_\_



Tracking #: 2799877-1

Custody Seal on Cooler/Box Present:  Yes  No 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 SR - 98 Type of Ice:  Blue Dry None  Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2.0 / Corr: 2.0

Temp Blank Present:  Yes  No

Biological Tissue is Frozen:  Yes  No

Person examining contents: Date: <u>4/2/21</u> / Initials: <u>SRK</u> Labeled By Initials: <u>[Signature]</u>
---

Temp should be above freezing to 6°C.  
 Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	4. <u>IRWO</u> <span style="float:right"><u>4/2/21 SRK</u></span>
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	7.
Sufficient Volume:		8.
For Analysis: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No MS/MSD: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/time/ID/Analysis Matrix: <u>W</u>		
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	13.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased): <u>121420-3CYR</u>		

**Client Notification/ Resolution:** If checked, see attached form for additional comments

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Comments/ Resolution: \_\_\_\_\_

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logir

July 15, 2021

Mark Davidson  
MSA Professional Services  
332 W. Superior St. #600  
Duluth, MN 55802

RE: Project: 06080801 Laundry Basket  
Pace Project No.: 10568192

Dear Mark Davidson:

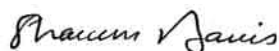
Enclosed are the analytical results for sample(s) received by the laboratory on July 01, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

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

Sincerely,



Shawn Davis  
shawn.davis@pacelabs.com  
612-607-6378  
Project Manager

Enclosures

cc: Erica Klingfus, MSA Professional Services



## REPORT OF LABORATORY ANALYSIS

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

## CERTIFICATIONS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

---

### **Pace Analytical Services, LLC - Minneapolis MN**

1700 Elm Street SE, Minneapolis, MN 55414

A2LA Certification #: 2926.01\*

1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab

Alabama Certification #: 40770

Alaska Contaminated Sites Certification #: 17-009\*

Alaska DW Certification #: MN00064

Arizona Certification #: AZ0014\*

Arkansas DW Certification #: MN00064

Arkansas WW Certification #: 88-0680

California Certification #: 2929

Colorado Certification #: MN00064

Connecticut Certification #: PH-0256

EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137

Florida Certification #: E87605\*

Georgia Certification #: 959

Hawaii Certification #: MN00064

Idaho Certification #: MN00064

Illinois Certification #: 200011

Indiana Certification #: C-MN-01

Iowa Certification #: 368

Kansas Certification #: E-10167

Kentucky DW Certification #: 90062

Kentucky WW Certification #: 90062

Louisiana DEQ Certification #: AI-03086\*

Louisiana DW Certification #: MN00064

Maine Certification #: MN00064\*

Maryland Certification #: 322

Michigan Certification #: 9909

Minnesota Certification #: 027-053-137\*

Minnesota Dept of Ag Approval: via MN 027-053-137

Minnesota Petrofund Registration #: 1240\*

Mississippi Certification #: MN00064

Missouri Certification #: 10100

Montana Certification #: CERT0092

Nebraska Certification #: NE-OS-18-06

Nevada Certification #: MN00064

New Hampshire Certification #: 2081\*

New Jersey Certification #: MN002

New York Certification #: 11647\*

North Carolina DW Certification #: 27700

North Carolina WW Certification #: 530

North Dakota Certification #: R-036

Ohio DW Certification #: 41244

Ohio VAP Certification (1700) #: CL101

Ohio VAP Certification (1800) #: CL110\*

Oklahoma Certification #: 9507\*

Oregon Primary Certification #: MN300001

Oregon Secondary Certification #: MN200001\*

Pennsylvania Certification #: 68-00563\*

Puerto Rico Certification #: MN00064

South Carolina Certification #:74003001

Tennessee Certification #: TN02818

Texas Certification #: T104704192\*

Utah Certification #: MN00064\*

Vermont Certification #: VT-027053137

Virginia Certification #: 460163\*

Washington Certification #: C486\*

West Virginia DEP Certification #: 382

West Virginia DW Certification #: 9952 C

Wisconsin Certification #: 999407970

Wyoming UST Certification #: via A2LA 2926.01

USDA Permit #: P330-19-00208

\*Please Note: Applicable air certifications are denoted with an asterisk (\*).

---

## REPORT OF LABORATORY ANALYSIS

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

## SAMPLE SUMMARY

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10568192001	MW-6-30LT	Water	07/01/21 14:00	07/01/21 19:10
10568192002	MW-6-50LT	Water	07/01/21 14:15	07/01/21 19:10
10568192003	MW-10-30LT	Water	07/01/21 13:10	07/01/21 19:10
10568192004	MW-10-50LT	Water	07/01/21 13:25	07/01/21 19:10
10568192005	MW-13D	Water	07/01/21 11:50	07/01/21 19:10
10568192006	MW-15D	Water	07/01/21 11:30	07/01/21 19:10
10568192007	MW-17	Water	07/01/21 12:15	07/01/21 19:10
10568192008	MW-17-40	Water	07/01/21 12:25	07/01/21 19:10
10568192009	MW-17-70	Water	07/01/21 12:45	07/01/21 19:10
10568192010	Luckwell#2	Water	07/01/21 10:45	07/01/21 19:10
10568192011	Dup	Water	07/01/21 11:51	07/01/21 19:10

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### SAMPLE ANALYTE COUNT

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

Lab ID	Sample ID	Method	Analysts	Analytes Reported
10568192001	MW-6-30LT	EPA 8260D	LPM	72
10568192002	MW-6-50LT	EPA 8260D	LPM	72
10568192003	MW-10-30LT	EPA 8260D	LPM	72
10568192004	MW-10-50LT	EPA 8260D	LPM	72
10568192005	MW-13D	EPA 8260D	LPM	72
10568192006	MW-15D	EPA 8260D	LPM	72
10568192007	MW-17	EPA 8260D	LPM	72
10568192008	MW-17-40	EPA 8260D	LPM	72
10568192009	MW-17-70	EPA 8260D	LPM	72
10568192010	Luckwell#2	EPA 8260D	LPM	72
10568192011	Dup	EPA 8260D	LPM	72

PASI-M = Pace Analytical Services - Minneapolis

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## PROJECT NARRATIVE

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

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**Method:** EPA 8260D

**Description:** 8260D VOC

**Client:** MSA MN/WI

**Date:** July 15, 2021

### General Information:

11 samples were analyzed for EPA 8260D by Pace Analytical Services Minneapolis. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

### Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

### Initial Calibrations (including MS Tune as applicable):

All criteria were within method requirements with any exceptions noted below.

### Continuing Calibration:

All criteria were within method requirements with any exceptions noted below.

QC Batch: 755189

v1: The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

- LCS (Lab ID: 4026483)
  - Acetone
  - Dichlorodifluoromethane
  - Hexachloro-1,3-butadiene

### Internal Standards:

All internal standards were within QC limits with any exceptions noted below.

### Surrogates:

All surrogates were within QC limits with any exceptions noted below.

### Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

### Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

### Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

### Additional Comments:

Batch Comments:

MS/MSD analyzed in sequence reporting in MSV 8260 batch 58069/755082.

- QC Batch: 755189

This data package has been reviewed for quality and completeness and is approved for release.

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-6-30LT**      **Lab ID: 10568192001**      Collected: 07/01/21 14:00      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 17:08	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 17:08	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 17:08	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 17:08	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 17:08	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 17:08	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 17:08	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 17:08	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 17:08	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 17:08	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 17:08	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 17:08	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 17:08	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 17:08	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 17:08	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 17:08	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 17:08	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 17:08	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 17:08	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 17:08	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 17:08	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 17:08	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 17:08	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 17:08	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:08	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 17:08	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 17:08	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 17:08	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 17:08	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 17:08	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.57	0.17	1		07/09/21 17:08	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 17:08	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 17:08	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 17:08	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 17:08	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 17:08	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 17:08	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 17:08	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:08	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 17:08	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 17:08	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 17:08	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 17:08	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 17:08	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 17:08	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-6-30LT**      **Lab ID: 10568192001**      Collected: 07/01/21 14:00      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 17:08	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 17:08	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 17:08	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 17:08	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:08	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 17:08	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 17:08	79-34-5	
Tetrachloroethene	<0.10	ug/L	0.34	0.10	1		07/09/21 17:08	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 17:08	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 17:08	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 17:08	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 17:08	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 17:08	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 17:08	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:08	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 17:08	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 17:08	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 17:08	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 17:08	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 17:08	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 17:08	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 17:08	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 17:08	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 17:08	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		07/09/21 17:08	2199-69-1	
4-Bromofluorobenzene (S)	97	%	75-125		1		07/09/21 17:08	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		07/09/21 17:08	2037-26-5	

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### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

Sample: MW-6-50LT Lab ID: 10568192002 Collected: 07/01/21 14:15 Received: 07/01/21 19:10 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 17:28	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 17:28	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 17:28	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 17:28	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 17:28	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 17:28	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 17:28	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 17:28	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 17:28	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 17:28	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 17:28	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 17:28	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 17:28	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 17:28	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 17:28	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 17:28	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 17:28	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 17:28	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 17:28	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 17:28	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 17:28	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 17:28	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 17:28	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 17:28	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:28	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 17:28	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 17:28	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 17:28	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 17:28	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 17:28	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.57	0.17	1		07/09/21 17:28	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 17:28	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 17:28	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 17:28	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 17:28	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 17:28	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 17:28	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 17:28	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:28	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 17:28	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 17:28	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 17:28	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 17:28	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 17:28	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 17:28	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-6-50LT**      **Lab ID: 10568192002**      Collected: 07/01/21 14:15      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 17:28	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 17:28	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 17:28	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 17:28	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:28	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 17:28	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 17:28	79-34-5	
Tetrachloroethene	0.61	ug/L	0.34	0.10	1		07/09/21 17:28	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 17:28	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 17:28	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 17:28	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 17:28	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 17:28	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 17:28	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:28	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 17:28	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 17:28	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 17:28	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 17:28	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 17:28	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 17:28	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 17:28	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 17:28	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 17:28	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/09/21 17:28	2199-69-1	
4-Bromofluorobenzene (S)	97	%	75-125		1		07/09/21 17:28	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		07/09/21 17:28	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-10-30LT**      **Lab ID: 10568192003**      Collected: 07/01/21 13:10      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 17:49	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 17:49	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 17:49	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 17:49	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 17:49	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 17:49	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 17:49	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 17:49	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 17:49	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 17:49	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 17:49	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 17:49	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 17:49	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 17:49	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 17:49	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 17:49	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 17:49	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 17:49	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 17:49	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 17:49	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 17:49	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 17:49	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 17:49	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 17:49	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:49	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 17:49	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 17:49	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 17:49	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 17:49	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 17:49	75-35-4	
cis-1,2-Dichloroethene	0.46J	ug/L	0.57	0.17	1		07/09/21 17:49	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 17:49	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 17:49	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 17:49	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 17:49	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 17:49	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 17:49	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 17:49	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:49	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 17:49	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 17:49	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 17:49	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 17:49	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 17:49	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 17:49	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-10-30LT**      **Lab ID: 10568192003**      Collected: 07/01/21 13:10      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 17:49	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 17:49	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 17:49	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 17:49	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:49	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 17:49	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 17:49	79-34-5	
Tetrachloroethene	2.2	ug/L	0.34	0.10	1		07/09/21 17:49	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 17:49	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 17:49	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 17:49	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 17:49	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 17:49	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 17:49	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 17:49	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 17:49	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 17:49	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 17:49	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 17:49	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 17:49	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 17:49	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 17:49	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 17:49	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 17:49	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/09/21 17:49	2199-69-1	
4-Bromofluorobenzene (S)	96	%	75-125		1		07/09/21 17:49	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		07/09/21 17:49	2037-26-5	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-10-50LT**      **Lab ID: 10568192004**      Collected: 07/01/21 13:25      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 18:10	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 18:10	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 18:10	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 18:10	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 18:10	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 18:10	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 18:10	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 18:10	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 18:10	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 18:10	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 18:10	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 18:10	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 18:10	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 18:10	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 18:10	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 18:10	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 18:10	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 18:10	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 18:10	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 18:10	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 18:10	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 18:10	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 18:10	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 18:10	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:10	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 18:10	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 18:10	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 18:10	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 18:10	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 18:10	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.57	0.17	1		07/09/21 18:10	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 18:10	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 18:10	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 18:10	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 18:10	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 18:10	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 18:10	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 18:10	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:10	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 18:10	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 18:10	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 18:10	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 18:10	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 18:10	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 18:10	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-10-50LT**      **Lab ID: 10568192004**      Collected: 07/01/21 13:25      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 18:10	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 18:10	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 18:10	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 18:10	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:10	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 18:10	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 18:10	79-34-5	
Tetrachloroethene	3.1	ug/L	0.34	0.10	1		07/09/21 18:10	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 18:10	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 18:10	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 18:10	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 18:10	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 18:10	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 18:10	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:10	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 18:10	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 18:10	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 18:10	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 18:10	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 18:10	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 18:10	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 18:10	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 18:10	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 18:10	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/09/21 18:10	2199-69-1	
4-Bromofluorobenzene (S)	95	%	75-125		1		07/09/21 18:10	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		07/09/21 18:10	2037-26-5	

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### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-13D**      **Lab ID: 10568192005**      Collected: 07/01/21 11:50      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 18:31	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 18:31	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 18:31	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 18:31	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 18:31	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 18:31	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 18:31	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 18:31	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 18:31	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 18:31	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 18:31	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 18:31	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 18:31	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 18:31	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 18:31	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 18:31	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 18:31	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 18:31	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 18:31	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 18:31	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 18:31	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 18:31	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 18:31	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 18:31	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:31	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 18:31	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 18:31	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 18:31	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 18:31	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 18:31	75-35-4	
cis-1,2-Dichloroethene	7.2	ug/L	0.57	0.17	1		07/09/21 18:31	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 18:31	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 18:31	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 18:31	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 18:31	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 18:31	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 18:31	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 18:31	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:31	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 18:31	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 18:31	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 18:31	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 18:31	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 18:31	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 18:31	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-13D**      **Lab ID: 10568192005**      Collected: 07/01/21 11:50      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 18:31	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 18:31	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 18:31	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 18:31	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:31	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 18:31	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 18:31	79-34-5	
Tetrachloroethene	47.4	ug/L	0.34	0.10	1		07/09/21 18:31	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 18:31	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 18:31	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 18:31	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 18:31	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 18:31	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 18:31	79-00-5	
Trichloroethene	10.3	ug/L	0.42	0.13	1		07/09/21 18:31	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 18:31	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 18:31	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 18:31	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 18:31	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 18:31	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 18:31	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 18:31	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 18:31	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 18:31	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		07/09/21 18:31	2199-69-1	
4-Bromofluorobenzene (S)	96	%	75-125		1		07/09/21 18:31	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		07/09/21 18:31	2037-26-5	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-15D**      **Lab ID: 10568192006**      Collected: 07/01/21 11:30      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 18:52	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 18:52	107-05-1	
Benzene	0.15J	ug/L	0.40	0.12	1		07/09/21 18:52	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 18:52	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 18:52	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 18:52	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 18:52	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 18:52	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 18:52	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 18:52	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 18:52	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 18:52	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 18:52	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 18:52	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 18:52	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 18:52	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 18:52	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 18:52	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 18:52	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 18:52	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 18:52	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 18:52	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 18:52	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 18:52	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:52	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 18:52	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 18:52	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 18:52	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 18:52	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 18:52	75-35-4	
cis-1,2-Dichloroethene	27.8	ug/L	0.57	0.17	1		07/09/21 18:52	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 18:52	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 18:52	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 18:52	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 18:52	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 18:52	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 18:52	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 18:52	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:52	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 18:52	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 18:52	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 18:52	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 18:52	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 18:52	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 18:52	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-15D**      **Lab ID: 10568192006**      Collected: 07/01/21 11:30      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 18:52	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 18:52	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 18:52	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 18:52	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 18:52	79-34-5	
Tetrachloroethene	86.6	ug/L	0.34	0.10	1		07/09/21 18:52	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 18:52	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 18:52	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 18:52	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 18:52	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 18:52	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 18:52	79-00-5	
Trichloroethene	21.5	ug/L	0.42	0.13	1		07/09/21 18:52	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 18:52	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 18:52	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 18:52	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 18:52	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 18:52	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 18:52	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 18:52	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 18:52	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 18:52	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	102	%	70-130		1		07/09/21 18:52	2199-69-1	
4-Bromofluorobenzene (S)	97	%	75-125		1		07/09/21 18:52	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		07/09/21 18:52	2037-26-5	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-17**      **Lab ID: 10568192007**      Collected: 07/01/21 12:15      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 19:13	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 19:13	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 19:13	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 19:13	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 19:13	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 19:13	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 19:13	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 19:13	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 19:13	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 19:13	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 19:13	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 19:13	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 19:13	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 19:13	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 19:13	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 19:13	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 19:13	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 19:13	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 19:13	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 19:13	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 19:13	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 19:13	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 19:13	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 19:13	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:13	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 19:13	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 19:13	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 19:13	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 19:13	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 19:13	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.57	0.17	1		07/09/21 19:13	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 19:13	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 19:13	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 19:13	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 19:13	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 19:13	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 19:13	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 19:13	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:13	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 19:13	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 19:13	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 19:13	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 19:13	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 19:13	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 19:13	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-17**      **Lab ID: 10568192007**      Collected: 07/01/21 12:15      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 19:13	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 19:13	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 19:13	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 19:13	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:13	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 19:13	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 19:13	79-34-5	
Tetrachloroethene	0.70	ug/L	0.34	0.10	1		07/09/21 19:13	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 19:13	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 19:13	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 19:13	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 19:13	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 19:13	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 19:13	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:13	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 19:13	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 19:13	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 19:13	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 19:13	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 19:13	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 19:13	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 19:13	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 19:13	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 19:13	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		07/09/21 19:13	2199-69-1	
4-Bromofluorobenzene (S)	97	%	75-125		1		07/09/21 19:13	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		07/09/21 19:13	2037-26-5	

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### ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-17-40**      **Lab ID: 10568192008**      Collected: 07/01/21 12:25      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>		Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 19:34	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 19:34	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 19:34	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 19:34	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 19:34	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 19:34	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 19:34	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 19:34	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 19:34	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 19:34	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 19:34	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 19:34	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 19:34	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 19:34	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 19:34	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 19:34	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 19:34	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 19:34	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 19:34	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 19:34	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 19:34	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 19:34	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 19:34	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 19:34	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:34	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 19:34	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 19:34	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 19:34	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 19:34	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 19:34	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.57	0.17	1		07/09/21 19:34	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 19:34	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 19:34	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 19:34	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 19:34	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 19:34	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 19:34	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 19:34	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:34	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 19:34	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 19:34	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 19:34	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 19:34	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 19:34	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 19:34	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-17-40**      **Lab ID: 10568192008**      Collected: 07/01/21 12:25      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 19:34	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 19:34	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 19:34	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 19:34	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:34	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 19:34	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 19:34	79-34-5	
Tetrachloroethene	<0.10	ug/L	0.34	0.10	1		07/09/21 19:34	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 19:34	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 19:34	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 19:34	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 19:34	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 19:34	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 19:34	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:34	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 19:34	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 19:34	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 19:34	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 19:34	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 19:34	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 19:34	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 19:34	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 19:34	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 19:34	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/09/21 19:34	2199-69-1	
4-Bromofluorobenzene (S)	97	%	75-125		1		07/09/21 19:34	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		07/09/21 19:34	2037-26-5	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-17-70**      **Lab ID: 10568192009**      Collected: 07/01/21 12:45      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 19:55	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 19:55	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 19:55	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 19:55	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 19:55	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 19:55	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 19:55	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 19:55	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 19:55	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 19:55	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 19:55	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 19:55	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 19:55	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 19:55	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 19:55	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 19:55	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 19:55	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 19:55	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 19:55	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 19:55	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 19:55	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 19:55	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 19:55	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 19:55	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:55	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 19:55	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 19:55	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 19:55	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 19:55	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 19:55	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.57	0.17	1		07/09/21 19:55	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 19:55	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 19:55	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 19:55	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 19:55	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 19:55	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 19:55	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 19:55	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:55	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 19:55	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 19:55	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 19:55	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 19:55	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 19:55	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 19:55	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: MW-17-70**      **Lab ID: 10568192009**      Collected: 07/01/21 12:45      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 19:55	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 19:55	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 19:55	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 19:55	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:55	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 19:55	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 19:55	79-34-5	
Tetrachloroethene	<0.10	ug/L	0.34	0.10	1		07/09/21 19:55	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 19:55	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 19:55	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 19:55	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 19:55	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 19:55	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 19:55	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 19:55	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 19:55	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 19:55	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 19:55	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 19:55	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 19:55	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 19:55	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 19:55	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 19:55	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 19:55	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/09/21 19:55	2199-69-1	
4-Bromofluorobenzene (S)	96	%	75-125		1		07/09/21 19:55	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		07/09/21 19:55	2037-26-5	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: Luckwell#2**      **Lab ID: 10568192010**      Collected: 07/01/21 10:45      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 20:16	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 20:16	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 20:16	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 20:16	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 20:16	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 20:16	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 20:16	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 20:16	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 20:16	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 20:16	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 20:16	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 20:16	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 20:16	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 20:16	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 20:16	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 20:16	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 20:16	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 20:16	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 20:16	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 20:16	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 20:16	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 20:16	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 20:16	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 20:16	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 20:16	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 20:16	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 20:16	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 20:16	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 20:16	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 20:16	75-35-4	
cis-1,2-Dichloroethene	<0.17	ug/L	0.57	0.17	1		07/09/21 20:16	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 20:16	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 20:16	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 20:16	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 20:16	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 20:16	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 20:16	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 20:16	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 20:16	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 20:16	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 20:16	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 20:16	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 20:16	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 20:16	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 20:16	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: Luckwell#2**      **Lab ID: 10568192010**      Collected: 07/01/21 10:45      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 20:16	108-10-1	
Methyl-tert-butyl ether	0.34J	ug/L	0.60	0.18	1		07/09/21 20:16	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 20:16	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 20:16	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 20:16	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 20:16	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 20:16	79-34-5	
Tetrachloroethene	<0.10	ug/L	0.34	0.10	1		07/09/21 20:16	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 20:16	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 20:16	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 20:16	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 20:16	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 20:16	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 20:16	79-00-5	
Trichloroethene	<0.13	ug/L	0.42	0.13	1		07/09/21 20:16	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 20:16	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 20:16	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 20:16	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 20:16	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 20:16	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 20:16	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 20:16	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 20:16	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 20:16	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	103	%	70-130		1		07/09/21 20:16	2199-69-1	
4-Bromofluorobenzene (S)	95	%	75-125		1		07/09/21 20:16	460-00-4	
Toluene-d8 (S)	98	%	75-125		1		07/09/21 20:16	2037-26-5	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: Dup**      **Lab ID: 10568192011**      Collected: 07/01/21 11:51      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
Acetone	<2.9	ug/L	9.8	2.9	1		07/09/21 20:36	67-64-1	
Allyl chloride	<0.27	ug/L	0.90	0.27	1		07/09/21 20:36	107-05-1	
Benzene	<0.12	ug/L	0.40	0.12	1		07/09/21 20:36	71-43-2	
Bromobenzene	<0.18	ug/L	0.60	0.18	1		07/09/21 20:36	108-86-1	
Bromochloromethane	<0.40	ug/L	1.3	0.40	1		07/09/21 20:36	74-97-5	
Bromodichloromethane	<0.21	ug/L	0.69	0.21	1		07/09/21 20:36	75-27-4	
Bromoform	<0.24	ug/L	0.80	0.24	1		07/09/21 20:36	75-25-2	
Bromomethane	<1.9	ug/L	6.3	1.9	1		07/09/21 20:36	74-83-9	
2-Butanone (MEK)	<1.5	ug/L	5.1	1.5	1		07/09/21 20:36	78-93-3	
n-Butylbenzene	<0.052	ug/L	0.17	0.052	1		07/09/21 20:36	104-51-8	
sec-Butylbenzene	<0.14	ug/L	0.45	0.14	1		07/09/21 20:36	135-98-8	
tert-Butylbenzene	<0.11	ug/L	0.38	0.11	1		07/09/21 20:36	98-06-6	
Carbon tetrachloride	<0.14	ug/L	0.47	0.14	1		07/09/21 20:36	56-23-5	
Chlorobenzene	<0.11	ug/L	0.36	0.11	1		07/09/21 20:36	108-90-7	
Chloroethane	<0.41	ug/L	1.4	0.41	1		07/09/21 20:36	75-00-3	
Chloroform	<0.14	ug/L	0.48	0.14	1		07/09/21 20:36	67-66-3	
Chloromethane	<0.22	ug/L	0.75	0.22	1		07/09/21 20:36	74-87-3	
2-Chlorotoluene	<0.11	ug/L	0.36	0.11	1		07/09/21 20:36	95-49-8	
4-Chlorotoluene	<0.085	ug/L	0.28	0.085	1		07/09/21 20:36	106-43-4	
1,2-Dibromo-3-chloropropane	<0.82	ug/L	2.7	0.82	1		07/09/21 20:36	96-12-8	
Dibromochloromethane	<0.17	ug/L	0.56	0.17	1		07/09/21 20:36	124-48-1	
1,2-Dibromoethane (EDB)	<0.19	ug/L	0.64	0.19	1		07/09/21 20:36	106-93-4	
Dibromomethane	<0.31	ug/L	1.0	0.31	1		07/09/21 20:36	74-95-3	
1,2-Dichlorobenzene	<0.18	ug/L	0.61	0.18	1		07/09/21 20:36	95-50-1	
1,3-Dichlorobenzene	<0.13	ug/L	0.42	0.13	1		07/09/21 20:36	541-73-1	
1,4-Dichlorobenzene	<0.15	ug/L	0.51	0.15	1		07/09/21 20:36	106-46-7	
Dichlorodifluoromethane	<0.16	ug/L	0.53	0.16	1		07/09/21 20:36	75-71-8	
1,1-Dichloroethane	<0.14	ug/L	0.47	0.14	1		07/09/21 20:36	75-34-3	
1,2-Dichloroethane	<0.14	ug/L	0.48	0.14	1		07/09/21 20:36	107-06-2	
1,1-Dichloroethene	<0.10	ug/L	0.35	0.10	1		07/09/21 20:36	75-35-4	
cis-1,2-Dichloroethene	7.2	ug/L	0.57	0.17	1		07/09/21 20:36	156-59-2	
trans-1,2-Dichloroethene	<0.15	ug/L	0.51	0.15	1		07/09/21 20:36	156-60-5	
Dichlorofluoromethane	<0.27	ug/L	0.91	0.27	1		07/09/21 20:36	75-43-4	
1,2-Dichloropropane	<0.24	ug/L	0.80	0.24	1		07/09/21 20:36	78-87-5	
1,3-Dichloropropane	<0.15	ug/L	0.49	0.15	1		07/09/21 20:36	142-28-9	
2,2-Dichloropropane	<0.27	ug/L	0.90	0.27	1		07/09/21 20:36	594-20-7	
1,1-Dichloropropene	<0.12	ug/L	0.41	0.12	1		07/09/21 20:36	563-58-6	
cis-1,3-Dichloropropene	<0.16	ug/L	0.52	0.16	1		07/09/21 20:36	10061-01-5	
trans-1,3-Dichloropropene	<0.13	ug/L	0.42	0.13	1		07/09/21 20:36	10061-02-6	
Diethyl ether (Ethyl ether)	<0.24	ug/L	0.80	0.24	1		07/09/21 20:36	60-29-7	
Ethylbenzene	<0.069	ug/L	0.23	0.069	1		07/09/21 20:36	100-41-4	
Hexachloro-1,3-butadiene	<0.43	ug/L	1.4	0.43	1		07/09/21 20:36	87-68-3	
Isopropylbenzene (Cumene)	<0.11	ug/L	0.37	0.11	1		07/09/21 20:36	98-82-8	
p-Isopropyltoluene	<0.12	ug/L	0.38	0.12	1		07/09/21 20:36	99-87-6	
Methylene Chloride	<0.83	ug/L	2.8	0.83	1		07/09/21 20:36	75-09-2	

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## ANALYTICAL RESULTS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

**Sample: Dup**      **Lab ID: 10568192011**      Collected: 07/01/21 11:51      Received: 07/01/21 19:10      Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
<b>8260D VOC</b>									
Analytical Method: EPA 8260D									
Pace Analytical Services - Minneapolis									
4-Methyl-2-pentanone (MIBK)	<0.73	ug/L	2.4	0.73	1		07/09/21 20:36	108-10-1	
Methyl-tert-butyl ether	<0.18	ug/L	0.60	0.18	1		07/09/21 20:36	1634-04-4	
Naphthalene	<0.20	ug/L	0.67	0.20	1		07/09/21 20:36	91-20-3	
n-Propylbenzene	<0.090	ug/L	0.30	0.090	1		07/09/21 20:36	103-65-1	
Styrene	<0.13	ug/L	0.42	0.13	1		07/09/21 20:36	100-42-5	
1,1,1,2-Tetrachloroethane	<0.18	ug/L	0.61	0.18	1		07/09/21 20:36	630-20-6	
1,1,2,2-Tetrachloroethane	<0.18	ug/L	0.58	0.18	1		07/09/21 20:36	79-34-5	
Tetrachloroethene	46.2	ug/L	0.34	0.10	1		07/09/21 20:36	127-18-4	
Tetrahydrofuran	<3.3	ug/L	11.0	3.3	1		07/09/21 20:36	109-99-9	
Toluene	<0.11	ug/L	0.38	0.11	1		07/09/21 20:36	108-88-3	
1,2,3-Trichlorobenzene	<0.16	ug/L	0.53	0.16	1		07/09/21 20:36	87-61-6	
1,2,4-Trichlorobenzene	<0.061	ug/L	0.20	0.061	1		07/09/21 20:36	120-82-1	
1,1,1-Trichloroethane	<0.17	ug/L	0.58	0.17	1		07/09/21 20:36	71-55-6	
1,1,2-Trichloroethane	<0.20	ug/L	0.65	0.20	1		07/09/21 20:36	79-00-5	
Trichloroethene	10.2	ug/L	0.42	0.13	1		07/09/21 20:36	79-01-6	
Trichlorofluoromethane	<0.10	ug/L	0.34	0.10	1		07/09/21 20:36	75-69-4	
1,2,3-Trichloropropane	<1.2	ug/L	3.9	1.2	1		07/09/21 20:36	96-18-4	
1,1,2-Trichlorotrifluoroethane	<0.34	ug/L	1.1	0.34	1		07/09/21 20:36	76-13-1	
1,2,4-Trimethylbenzene	<0.12	ug/L	0.40	0.12	1		07/09/21 20:36	95-63-6	
1,3,5-Trimethylbenzene	<0.096	ug/L	0.32	0.096	1		07/09/21 20:36	108-67-8	
Vinyl chloride	<0.063	ug/L	0.21	0.063	1		07/09/21 20:36	75-01-4	
Xylene (Total)	<0.18	ug/L	0.59	0.18	1		07/09/21 20:36	1330-20-7	
m&p-Xylene	<0.18	ug/L	0.59	0.18	1		07/09/21 20:36	179601-23-1	
o-Xylene	<0.12	ug/L	0.38	0.12	1		07/09/21 20:36	95-47-6	
<b>Surrogates</b>									
1,2-Dichlorobenzene-d4 (S)	101	%	70-130		1		07/09/21 20:36	2199-69-1	
4-Bromofluorobenzene (S)	95	%	75-125		1		07/09/21 20:36	460-00-4	
Toluene-d8 (S)	97	%	75-125		1		07/09/21 20:36	2037-26-5	

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

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QC Batch: 755189 Analysis Method: EPA 8260D  
 QC Batch Method: EPA 8260D Analysis Description: 8260D MSV 465 W  
 Laboratory: Pace Analytical Services - Minneapolis  
 Associated Lab Samples: 10568192001, 10568192002, 10568192003, 10568192004, 10568192005, 10568192006, 10568192007, 10568192008, 10568192009, 10568192010, 10568192011

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METHOD BLANK: 4026482 Matrix: Water  
 Associated Lab Samples: 10568192001, 10568192002, 10568192003, 10568192004, 10568192005, 10568192006, 10568192007, 10568192008, 10568192009, 10568192010, 10568192011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.18	0.61	07/09/21 12:58	
1,1,1-Trichloroethane	ug/L	<0.17	0.58	07/09/21 12:58	
1,1,2,2-Tetrachloroethane	ug/L	<0.18	0.58	07/09/21 12:58	
1,1,2-Trichloroethane	ug/L	<0.20	0.65	07/09/21 12:58	
1,1,2-Trichlorotrifluoroethane	ug/L	<0.34	1.1	07/09/21 12:58	
1,1-Dichloroethane	ug/L	<0.14	0.47	07/09/21 12:58	
1,1-Dichloroethene	ug/L	<0.10	0.35	07/09/21 12:58	
1,1-Dichloropropene	ug/L	<0.12	0.41	07/09/21 12:58	
1,2,3-Trichlorobenzene	ug/L	<0.16	0.53	07/09/21 12:58	
1,2,3-Trichloropropane	ug/L	<1.2	3.9	07/09/21 12:58	
1,2,4-Trichlorobenzene	ug/L	<0.061	0.20	07/09/21 12:58	
1,2,4-Trimethylbenzene	ug/L	<0.12	0.40	07/09/21 12:58	
1,2-Dibromo-3-chloropropane	ug/L	<0.82	2.7	07/09/21 12:58	
1,2-Dibromoethane (EDB)	ug/L	<0.19	0.64	07/09/21 12:58	
1,2-Dichlorobenzene	ug/L	<0.18	0.61	07/09/21 12:58	
1,2-Dichloroethane	ug/L	<0.14	0.48	07/09/21 12:58	
1,2-Dichloropropane	ug/L	<0.24	0.80	07/09/21 12:58	
1,3,5-Trimethylbenzene	ug/L	<0.096	0.32	07/09/21 12:58	
1,3-Dichlorobenzene	ug/L	<0.13	0.42	07/09/21 12:58	
1,3-Dichloropropane	ug/L	<0.15	0.49	07/09/21 12:58	
1,4-Dichlorobenzene	ug/L	<0.15	0.51	07/09/21 12:58	
2,2-Dichloropropane	ug/L	<0.27	0.90	07/09/21 12:58	
2-Butanone (MEK)	ug/L	<1.5	5.1	07/09/21 12:58	
2-Chlorotoluene	ug/L	<0.11	0.36	07/09/21 12:58	
4-Chlorotoluene	ug/L	<0.085	0.28	07/09/21 12:58	
4-Methyl-2-pentanone (MIBK)	ug/L	<0.73	2.4	07/09/21 12:58	
Acetone	ug/L	<2.9	9.8	07/09/21 12:58	
Allyl chloride	ug/L	<0.27	0.90	07/09/21 12:58	
Benzene	ug/L	<0.12	0.40	07/09/21 12:58	
Bromobenzene	ug/L	<0.18	0.60	07/09/21 12:58	
Bromochloromethane	ug/L	<0.40	1.3	07/09/21 12:58	
Bromodichloromethane	ug/L	<0.21	0.69	07/09/21 12:58	
Bromoform	ug/L	<0.24	0.80	07/09/21 12:58	
Bromomethane	ug/L	<1.9	6.3	07/09/21 12:58	
Carbon tetrachloride	ug/L	<0.14	0.47	07/09/21 12:58	
Chlorobenzene	ug/L	<0.11	0.36	07/09/21 12:58	
Chloroethane	ug/L	<0.41	1.4	07/09/21 12:58	
Chloroform	ug/L	<0.14	0.48	07/09/21 12:58	
Chloromethane	ug/L	<0.22	0.75	07/09/21 12:58	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

METHOD BLANK: 4026482

Matrix: Water

Associated Lab Samples: 10568192001, 10568192002, 10568192003, 10568192004, 10568192005, 10568192006, 10568192007, 10568192008, 10568192009, 10568192010, 10568192011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,2-Dichloroethene	ug/L	<0.17	0.57	07/09/21 12:58	
cis-1,3-Dichloropropene	ug/L	<0.16	0.52	07/09/21 12:58	
Dibromochloromethane	ug/L	<0.17	0.56	07/09/21 12:58	
Dibromomethane	ug/L	<0.31	1.0	07/09/21 12:58	
Dichlorodifluoromethane	ug/L	<0.16	0.53	07/09/21 12:58	
Dichlorofluoromethane	ug/L	<0.27	0.91	07/09/21 12:58	
Diethyl ether (Ethyl ether)	ug/L	<0.24	0.80	07/09/21 12:58	
Ethylbenzene	ug/L	<0.069	0.23	07/09/21 12:58	
Hexachloro-1,3-butadiene	ug/L	<0.43	1.4	07/09/21 12:58	
Isopropylbenzene (Cumene)	ug/L	<0.11	0.37	07/09/21 12:58	
m&p-Xylene	ug/L	<0.18	0.59	07/09/21 12:58	
Methyl-tert-butyl ether	ug/L	<0.18	0.60	07/09/21 12:58	
Methylene Chloride	ug/L	<0.83	2.8	07/09/21 12:58	
n-Butylbenzene	ug/L	<0.052	0.17	07/09/21 12:58	
n-Propylbenzene	ug/L	<0.090	0.30	07/09/21 12:58	
Naphthalene	ug/L	<0.20	0.67	07/09/21 12:58	
o-Xylene	ug/L	<0.12	0.38	07/09/21 12:58	
p-Isopropyltoluene	ug/L	<0.12	0.38	07/09/21 12:58	
sec-Butylbenzene	ug/L	<0.14	0.45	07/09/21 12:58	
Styrene	ug/L	<0.13	0.42	07/09/21 12:58	
tert-Butylbenzene	ug/L	<0.11	0.38	07/09/21 12:58	
Tetrachloroethene	ug/L	<0.10	0.34	07/09/21 12:58	
Tetrahydrofuran	ug/L	<3.3	11.0	07/09/21 12:58	
Toluene	ug/L	<0.11	0.38	07/09/21 12:58	
trans-1,2-Dichloroethene	ug/L	<0.15	0.51	07/09/21 12:58	
trans-1,3-Dichloropropene	ug/L	<0.13	0.42	07/09/21 12:58	
Trichloroethene	ug/L	<0.13	0.42	07/09/21 12:58	
Trichlorofluoromethane	ug/L	<0.10	0.34	07/09/21 12:58	
Vinyl chloride	ug/L	<0.063	0.21	07/09/21 12:58	MN
Xylene (Total)	ug/L	<0.18	0.59	07/09/21 12:58	
1,2-Dichlorobenzene-d4 (S)	%	100	70-130	07/09/21 12:58	
4-Bromofluorobenzene (S)	%	97	75-125	07/09/21 12:58	
Toluene-d8 (S)	%	97	75-125	07/09/21 12:58	

LABORATORY CONTROL SAMPLE: 4026483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	20	21.5	108	67-134	
1,1,1-Trichloroethane	ug/L	20	19.8	99	72-129	
1,1,2,2-Tetrachloroethane	ug/L	20	18.2	91	74-125	
1,1,2-Trichloroethane	ug/L	20	19.9	99	75-125	
1,1,2-Trichlorotrifluoroethane	ug/L	20	22.4	112	73-130	
1,1-Dichloroethane	ug/L	20	20.7	104	72-128	

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### REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

LABORATORY CONTROL SAMPLE: 4026483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	20	20.0	100	67-130	
1,1-Dichloropropene	ug/L	20	20.2	101	65-131	
1,2,3-Trichlorobenzene	ug/L	20	23.7	119	69-130	
1,2,3-Trichloropropane	ug/L	20	19.2	96	75-125	
1,2,4-Trichlorobenzene	ug/L	20	22.4	112	64-132	
1,2,4-Trimethylbenzene	ug/L	20	19.4	97	75-126	
1,2-Dibromo-3-chloropropane	ug/L	50	46.9	94	59-135	
1,2-Dibromoethane (EDB)	ug/L	20	20.5	103	75-125	
1,2-Dichlorobenzene	ug/L	20	21.6	108	74-127	
1,2-Dichloroethane	ug/L	20	20.8	104	74-125	
1,2-Dichloropropane	ug/L	20	20.3	102	75-125	
1,3,5-Trimethylbenzene	ug/L	20	20.4	102	75-125	
1,3-Dichlorobenzene	ug/L	20	22.1	111	74-127	
1,3-Dichloropropane	ug/L	20	20.8	104	75-125	
1,4-Dichlorobenzene	ug/L	20	21.5	107	73-125	
2,2-Dichloropropane	ug/L	20	21.5	107	68-129	
2-Butanone (MEK)	ug/L	100	103	103	66-129	
2-Chlorotoluene	ug/L	20	19.4	97	75-125	
4-Chlorotoluene	ug/L	20	19.2	96	74-125	
4-Methyl-2-pentanone (MIBK)	ug/L	100	88.4	88	74-129	
Acetone	ug/L	100	120	120	50-150 v1	
Allyl chloride	ug/L	20	18.4	92	55-133	
Benzene	ug/L	20	20.5	102	73-125	
Bromobenzene	ug/L	20	20.6	103	72-125	
Bromochloromethane	ug/L	20	23.2	116	75-127	
Bromodichloromethane	ug/L	20	19.9	100	75-125	
Bromoform	ug/L	20	19.8	99	64-134	
Bromomethane	ug/L	20	16.9	85	30-150	
Carbon tetrachloride	ug/L	20	23.2	116	63-135	
Chlorobenzene	ug/L	20	20.6	103	75-125	
Chloroethane	ug/L	20	16.8	84	61-142	
Chloroform	ug/L	20	19.9	99	75-125	
Chloromethane	ug/L	20	18.1	90	64-129	
cis-1,2-Dichloroethene	ug/L	20	20.8	104	74-125	
cis-1,3-Dichloropropene	ug/L	20	20.0	100	75-126	
Dibromochloromethane	ug/L	20	21.4	107	71-131	
Dibromomethane	ug/L	20	23.0	115	75-126	
Dichlorodifluoromethane	ug/L	20	24.6	123	60-135 v1	
Dichlorofluoromethane	ug/L	20	18.5	93	72-125	
Diethyl ether (Ethyl ether)	ug/L	20	19.5	97	70-128	
Ethylbenzene	ug/L	20	19.4	97	75-125	
Hexachloro-1,3-butadiene	ug/L	20	25.8	129	63-134 v1	
Isopropylbenzene (Cumene)	ug/L	20	20.7	103	75-125	
m&p-Xylene	ug/L	40	40.3	101	75-125	
Methyl-tert-butyl ether	ug/L	20	18.1	91	75-125	
Methylene Chloride	ug/L	20	20.5	102	69-125	
n-Butylbenzene	ug/L	20	21.2	106	72-128	

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### QUALITY CONTROL DATA

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

LABORATORY CONTROL SAMPLE: 4026483

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
n-Propylbenzene	ug/L	20	19.8	99	75-125	
Naphthalene	ug/L	20	18.8	94	69-127	
o-Xylene	ug/L	20	20.2	101	75-125	
p-Isopropyltoluene	ug/L	20	21.4	107	75-125	
sec-Butylbenzene	ug/L	20	21.1	105	75-127	
Styrene	ug/L	20	20.0	100	75-127	
tert-Butylbenzene	ug/L	20	20.5	103	75-125	
Tetrachloroethene	ug/L	20	22.0	110	69-131	
Tetrahydrofuran	ug/L	200	198	99	70-135	
Toluene	ug/L	20	20.2	101	75-125	
trans-1,2-Dichloroethene	ug/L	20	21.5	107	69-130	
trans-1,3-Dichloropropene	ug/L	20	20.0	100	74-128	
Trichloroethene	ug/L	20	22.3	112	75-130	
Trichlorofluoromethane	ug/L	20	22.7	113	71-133	
Vinyl chloride	ug/L	20	16.5	83	67-129	
Xylene (Total)	ug/L	60	60.5	101	75-125	
1,2-Dichlorobenzene-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			96	75-125	
Toluene-d8 (S)	%			98	75-125	

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## QUALIFIERS

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

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### 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, percent moisture, initial weight and final volume.

LOQ - Limit of Quantitation adjusted for dilution factor, percent moisture, initial weight and final volume.

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.

### WORKORDER QUALIFIERS

WO: 10568192

[1] The enclosed data is not intended for regulatory compliance; certification was waived by the client.

### BATCH QUALIFIERS

Batch: 755189

[1] MS/MSD analyzed in sequence reporting in MSV 8260 batch 58069/755082.

### ANALYTE QUALIFIERS

MN The reporting limit has been raised in accordance with Minnesota Statutes 4740.2100 Subpart 8. C, D. Reporting Limit Evaluation Rule.

v1 The continuing calibration verification was above the method acceptance limit. Any detection for the analyte in the associated samples may have a high bias.

## REPORT OF LABORATORY ANALYSIS

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### QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 06080801 Laundry Basket

Pace Project No.: 10568192

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10568192001	MW-6-30LT	EPA 8260D	755189		
10568192002	MW-6-50LT	EPA 8260D	755189		
10568192003	MW-10-30LT	EPA 8260D	755189		
10568192004	MW-10-50LT	EPA 8260D	755189		
10568192005	MW-13D	EPA 8260D	755189		
10568192006	MW-15D	EPA 8260D	755189		
10568192007	MW-17	EPA 8260D	755189		
10568192008	MW-17-40	EPA 8260D	755189		
10568192009	MW-17-70	EPA 8260D	755189		
10568192010	Luckwell#2	EPA 8260D	755189		
10568192011	Dup	EPA 8260D	755189		

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# CHAIN-OF-CUSTODY Analytical Request Document

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

Company: **MSA Professional Services**  
 Billing Information: **MSA**  
 Address: **332 W. Superior St. Ste 600 Duluth, MN**  
 Report To: **Erica Klinghs**  
 Email To: **ekinghs@msa-ps.com**  
 Copy To: **Erica Klinghs**  
 Site Collection Info/Address:

Customer Project Name/Number: **Laundry Basket/06080801**  
 State: **WI** County/City: **Luck** Time Zone Collected: **[ ] PT [ ] MT [X] CT [ ] ET**  
 Site/Facility ID #: **W1 LUCK**  
 Compliance Monitoring? **[ ] Yes [ ] No**  
 Collected By (print): **Erica Klinghs**  
 Purchase Order #: **W1 LUCK**  
 Quote #: **W1 LUCK**  
 Turnaround Date Required: **W1 LUCK**  
 Rush: **[ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)**  
 Field Filtered (if applicable): **[ ] Yes [ ] No Analysis: N/A**

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start)		Composite End	Res Cl	# of Ctns
			Date	Time			
MW-6-30LT	GW	Grab	7/1/21	1400			3
MW-6-30LT				1415			
MW-10-30LT				1310			
MW-10-30LT				1325			
MW-13D				1150			
MW-15D				1130			
MW-17				1215			
MW-17-40				1225			
MW-17-70				1245			
W1 LUCKWEL#2 DW				1045			

Customer Remarks / Special Conditions / Possible Hazards: **coc pg 1 of 2**  
 PM: **Shawn Davis**

Relinquished by/Company: (Signature) **[Signature]** Date/Time: **7/1/21 1635**  
 Relinquished by/Company: (Signature) **[Signature]** Date/Time: **7/1/21 1635**  
 Relinquished by/Company: (Signature) **[Signature]** Date/Time: **7/1/21 1635**

LAB USE ONLY - Affix Work Order # **10568192**  
 ALL SHADE **10568192**

Container Preservative Type: **ALL SHADE**  
 Lab Project Manager:

Analyses: **UOS**  
 Lab Profile/Line: **UOS**  
 Lab Sample Receipt Checklist:  
 Custody Seals Present/Intact **Y N NA**  
 Custody Signatures Present **Y N NA**  
 Collector Signatures Present **Y N NA**  
 Bottles Intact **Y N NA**  
 Correct Bottles **Y N NA**  
 Sufficient Volume **Y N NA**  
 Samples Received on Ice **Y N NA**  
 VOA - Headspace Acceptable **Y N NA**  
 USDA Regulated Soils **Y N NA**  
 Samples in Holding Time **Y N NA**  
 Residual Chlorine Present **Y N NA**  
 Cl Strips: **Y N NA**  
 Sample pH Acceptable **Y N NA**  
 pH Strips: **Y N NA**  
 Sulfide present **Y N NA**  
 Lead Acetate Strips: **Y N NA**

LAB USE ONLY:  
 Lab Sample # / Comments: **001**  
**002**  
**003**  
**004**  
**005**  
**006**  
**007**  
**008**  
**009**  
**010**

Lab Sample Temperature Info:  
 Temp Blank Received: **Y N NA**  
 Therm ID#: **7.3**  
 Cooler 1 Temp Upon Receipt: **7.3**  
 Cooler 1 Therm Corr. Factor: **0C**  
 Cooler 1 Corrected Temp: **7.3**  
 Comments: **W1**

SHORT-HOLDS PRESENT (<72 hours): **Y N N/A**  
 Lab Tracking #: **2549582**  
 Samples received via: **FEDEX UPS Client Courier Pace Courier**  
 Date/Time: **7/1/21 1655**  
 Date/Time: **7/1/21 1915**  
 Date/Time: **7/1/21 1915**  
 Table #: **MTIL LAB USE ONLY**  
 Acctnum: **MTIL LAB USE ONLY**  
 Template: **MTIL LAB USE ONLY**  
 Prelogin: **MTIL LAB USE ONLY**  
 PM: **MTIL LAB USE ONLY**  
 PB: **MTIL LAB USE ONLY**  
 Trip Blank Received: **Y N NA**  
 HCL MeOH TSP Other  
 Non Conformance(s): **YES / NO**  
 Page: **1** of: **2**





Document Name:  
**Sample Condition Upon Receipt (SCUR) - MN**

Document No.:  
**ENV-FRM-MIN4-0150 Rev.02**

Document Revised: 14Apr2021  
**Page 1 of 1**

Pace Analytical Services -  
**Minneapolis**

**Sample Condition Upon Receipt**

**Client Name:** MSA Professional

**Project #:** \_\_\_\_\_

**Courier:**  Fed Ex  UPS  USPS  Client  
 Pace  SpeedDee  Commercial

**Tracking Number:** \_\_\_\_\_  See Exceptions ENV-FRM-MIN4-0142

**WO# : 10568192**

**PM: SRD** **Due Date: 07/19/21**

**CLIENT: MSA PROF**

**Custody Seal on Cooler/Box Present?**  Yes  No **Seals Intact?**  Yes  No **Biological Tissue Frozen?**  Yes  No  N/A

**Packing Material:**  Bubble Wrap  Bubble Bags  None  Other: \_\_\_\_\_ **Temp Blank?**  Yes  No

**Thermometer:**  T1(0461)  T2(1336)  T3(0459)  OS418-LS  T4(0254)  T5(0489)  160285052 **Type of Ice:**  Wet  Blue  None  Dry  Melted

**Did Samples Originate in West Virginia?**  Yes  No **Were All Container Temps Taken?**  Yes  No  N/A

Temp should be above freezing to 6°C **Cooler Temp Read w/temp blank:** 1.2 °C **Average Corrected Temp (no temp blank only):** \_\_\_\_\_ °C  See Exceptions ENV-FRM-MIN4-0142  1 Container

**Correction Factor:** 0.1 **Cooler Temp Corrected w/temp blank:** 1.1 °C

**USDA Regulated Soil:** ( N/A, water sample/Other: \_\_\_\_\_) **Date/Initials of Person Examining Contents:** 7/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)?  Yes  No **Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?**  Yes  No

**If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.**

	COMMENTS:
Chain of Custody Present and Filled Out? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	1.
Chain of Custody Relinquished? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	2.
Sampler Name and/or Signature on COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Samples Arrived within Hold Time? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	4.
<b>Short Hold Time Analysis (&lt;72 hr)?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	5. <input type="checkbox"/> Fecal Coliform <input type="checkbox"/> HPC <input type="checkbox"/> Total Coliform/E coli <input type="checkbox"/> BOD/cBOD <input type="checkbox"/> Hex Chrome <input type="checkbox"/> Turbidity <input type="checkbox"/> Nitrate <input type="checkbox"/> Nitrite <input type="checkbox"/> Orthophos <input type="checkbox"/> Other
<b>Rush Turn Around Time Requested?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6.
Sufficient Volume? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	7.
Correct Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	8.
-Pace Containers Used? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Containers Intact? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	9.
Field Filtered Volume Received for Dissolved Tests? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	10. Is sediment visible in the dissolved container? <input type="checkbox"/> Yes <input type="checkbox"/> No
Is sufficient information available to reconcile the samples to the COC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	11. If no, write ID/ Date/Time on Container Below: <input type="checkbox"/> See Exception ENV-FRM-MIN4-0142
Matrix: <input checked="" type="checkbox"/> Water <input type="checkbox"/> Soil <input type="checkbox"/> Oil <input type="checkbox"/> Other	
All containers needing acid/base preservation have been checked? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	12. Sample # <input type="checkbox"/> NaOH <input type="checkbox"/> HNO <sub>3</sub> <input type="checkbox"/> H <sub>2</sub> SO <sub>4</sub> <input type="checkbox"/> Zinc Acetate
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , <2pH, NaOH >9 Sulfide, NaOH >10 Cyanide) <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Positive for Res. <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> See Exception ENV-FRM-MIN4-0142
Exceptions: <input checked="" type="checkbox"/> VOA Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<b>pH Paper Lot#</b> <input type="checkbox"/> Res. Chlorine <input type="checkbox"/> 0-6 Roll <input type="checkbox"/> 0-6 Strip <input type="checkbox"/> 0-14 Strip
Extra labels present on soil VOA or WIDRO containers? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> See Exception ENV-FRM-MIN4-0140
Headspace in VOA Vials (greater than 6mm)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	
Trip Blank Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	14. Pace Trip Blank Lot # (if purchased): _____
Trip Blank Custody Seals Present? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	

**CLIENT NOTIFICATION/RESOLUTION**

Person Contacted: \_\_\_\_\_ Date/Time: \_\_\_\_\_ **Field Data Required?**  Yes  No

Comments/Resolution: \_\_\_\_\_

**Project Manager Review:** Shawn Davis **Date:** 7/21

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e. out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled by: RNC

**MSA Professional Services**

Sample Delivery Group: L1410244  
Samples Received: 09/28/2021  
Project Number: 06080801  
Description: Laundry Basket

Report To: Mark Davidson  
332 W. Superior Street, Suite 600  
Duluth, MN 55802

Entire Report Reviewed By:



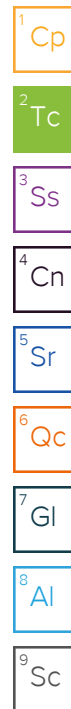
John Hawkins  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [www.pacenational.com](http://www.pacenational.com)

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# SAMPLE SUMMARY

## MW-6-30LT L1410244-01 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 11:40  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 05:06	10/08/21 05:06	ACG	Mt. Juliet, TN

1 Cp

2 Tc

## MW-6-50LT L1410244-02 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 11:20  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 05:26	10/08/21 05:26	ACG	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

## MW-10-30LT L1410244-03 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 11:55  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 05:46	10/08/21 05:46	ACG	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

## MW-10-50LT L1410244-04 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 12:15  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 06:05	10/08/21 06:05	ACG	Mt. Juliet, TN

9 Sc

## MW-13D L1410244-05 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 14:20  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 06:25	10/08/21 06:25	ACG	Mt. Juliet, TN

## MW-15D L1410244-06 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 13:35  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 06:45	10/08/21 06:45	ACG	Mt. Juliet, TN

## MW-17 L1410244-07 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 12:40  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 07:05	10/08/21 07:05	ACG	Mt. Juliet, TN

## MW-17-40 L1410244-08 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 12:55  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 07:44	10/08/21 07:44	ACG	Mt. Juliet, TN

# SAMPLE SUMMARY

## MW-17-70 L1410244-09 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 13:15  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 07:25	10/08/21 07:25	ACG	Mt. Juliet, TN

<sup>1</sup> Cp

<sup>2</sup> Tc

## LUCK WELL #2 L1410244-10 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 10:45  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 08:04	10/08/21 08:04	ACG	Mt. Juliet, TN

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

## DUPLICATE L1410244-11 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 13:40  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 08:24	10/08/21 08:24	ACG	Mt. Juliet, TN

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



John Hawkins  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 05:06	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 05:06	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 05:06	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 05:06	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 05:06	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 05:06	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 05:06	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 05:06	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 05:06	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 05:06	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 05:06	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 05:06	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 05:06	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 05:06	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 05:06	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 05:06	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 05:06	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 05:06	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 05:06	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 05:06	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 05:06	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 05:06	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 05:06	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 05:06	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 05:06	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 05:06	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 05:06	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 05:06	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 05:06	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 05:06	WG1752015
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 05:06	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 05:06	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 05:06	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 05:06	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 05:06	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 05:06	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 05:06	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 05:06	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 05:06	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 05:06	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 05:06	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 05:06	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 05:06	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 05:06	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 05:06	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 05:06	WG1752015
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 05:06	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 05:06	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 05:06	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 05:06	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 05:06	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 05:06	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 05:06	WG1752015
Tetrachloroethene	0.698	J	0.300	1.00	1	10/08/2021 05:06	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 05:06	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 05:06	WG1752015

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 05:06	<a href="#">WG1752015</a>
(S) Toluene-d8	115			80.0-120		10/08/2021 05:06	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	104			77.0-126		10/08/2021 05:06	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 05:06	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 05:26	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 05:26	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 05:26	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 05:26	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 05:26	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 05:26	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 05:26	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 05:26	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 05:26	WG1752015
sec-Butylbenzene	0.407	J	0.125	0.417	1	10/08/2021 05:26	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 05:26	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 05:26	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 05:26	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 05:26	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 05:26	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 05:26	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 05:26	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 05:26	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 05:26	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 05:26	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 05:26	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 05:26	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 05:26	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 05:26	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 05:26	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 05:26	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 05:26	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 05:26	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 05:26	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 05:26	WG1752015
cis-1,2-Dichloroethene	0.200	J	0.126	0.420	1	10/08/2021 05:26	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 05:26	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 05:26	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 05:26	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 05:26	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 05:26	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 05:26	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 05:26	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 05:26	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 05:26	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 05:26	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 05:26	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 05:26	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 05:26	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 05:26	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 05:26	WG1752015
Methyl tert-butyl ether	0.215	J	0.101	0.337	1	10/08/2021 05:26	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 05:26	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 05:26	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 05:26	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 05:26	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 05:26	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 05:26	WG1752015
Tetrachloroethene	0.398	J	0.300	1.00	1	10/08/2021 05:26	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 05:26	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 05:26	WG1752015

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

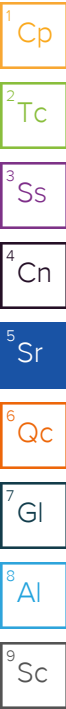
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 05:26	<a href="#">WG1752015</a>
(S) Toluene-d8	109			80.0-120		10/08/2021 05:26	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	100			77.0-126		10/08/2021 05:26	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	98.5			70.0-130		10/08/2021 05:26	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 05:46	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 05:46	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 05:46	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 05:46	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 05:46	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 05:46	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 05:46	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 05:46	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 05:46	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 05:46	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 05:46	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 05:46	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 05:46	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 05:46	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 05:46	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 05:46	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 05:46	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 05:46	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 05:46	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 05:46	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 05:46	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 05:46	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 05:46	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 05:46	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 05:46	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 05:46	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 05:46	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 05:46	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 05:46	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 05:46	WG1752015
cis-1,2-Dichloroethene	0.640		0.126	0.420	1	10/08/2021 05:46	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 05:46	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 05:46	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 05:46	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 05:46	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 05:46	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 05:46	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 05:46	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 05:46	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 05:46	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 05:46	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 05:46	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 05:46	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 05:46	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 05:46	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 05:46	WG1752015
Methyl tert-butyl ether	0.159	J	0.101	0.337	1	10/08/2021 05:46	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 05:46	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 05:46	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 05:46	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 05:46	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 05:46	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 05:46	WG1752015
Tetrachloroethene	3.18		0.300	1.00	1	10/08/2021 05:46	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 05:46	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 05:46	WG1752015





Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Trichloroethene	0.343	<u>J</u>	0.190	0.633	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 05:46	<a href="#">WG1752015</a>
(S) Toluene-d8	117			80.0-120		10/08/2021 05:46	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	107			77.0-126		10/08/2021 05:46	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 05:46	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 06:05	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 06:05	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 06:05	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 06:05	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 06:05	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 06:05	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 06:05	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 06:05	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 06:05	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 06:05	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 06:05	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 06:05	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 06:05	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 06:05	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 06:05	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 06:05	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 06:05	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 06:05	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 06:05	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 06:05	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 06:05	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 06:05	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 06:05	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 06:05	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 06:05	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 06:05	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 06:05	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 06:05	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 06:05	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 06:05	WG1752015
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 06:05	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 06:05	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 06:05	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 06:05	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 06:05	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 06:05	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 06:05	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 06:05	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 06:05	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 06:05	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 06:05	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 06:05	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 06:05	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 06:05	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 06:05	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 06:05	WG1752015
Methyl tert-butyl ether	0.115	J	0.101	0.337	1	10/08/2021 06:05	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 06:05	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 06:05	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 06:05	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 06:05	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 06:05	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 06:05	WG1752015
Tetrachloroethene	3.54		0.300	1.00	1	10/08/2021 06:05	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 06:05	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 06:05	WG1752015

1 Cp  
2 Tc  
3 Ss  
4 Cn  
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7 Gl  
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Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Trichloroethene	0.298	<u>J</u>	0.190	0.633	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 06:05	<a href="#">WG1752015</a>
(S) Toluene-d8	114			80.0-120		10/08/2021 06:05	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	100			77.0-126		10/08/2021 06:05	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		10/08/2021 06:05	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 06:25	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 06:25	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 06:25	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 06:25	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 06:25	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 06:25	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	4.05		0.126	0.420	1	10/08/2021 06:25	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 06:25	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 06:25	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 06:25	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 06:25	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 06:25	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 06:25	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 06:25	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Tetrachloroethene	35.6		0.300	1.00	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 06:25	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Trichloroethene	6.68		0.190	0.633	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 06:25	<a href="#">WG1752015</a>
(S) Toluene-d8	110			80.0-120		10/08/2021 06:25	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	99.5			77.0-126		10/08/2021 06:25	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		10/08/2021 06:25	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Benzene	0.195	<u>J</u>	0.0941	0.314	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 06:45	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 06:45	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 06:45	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 06:45	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 06:45	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1-Dichloroethene	0.202	<u>J</u>	0.188	0.627	1	10/08/2021 06:45	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	27.9		0.126	0.420	1	10/08/2021 06:45	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 06:45	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 06:45	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 06:45	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 06:45	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 06:45	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 06:45	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 06:45	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Tetrachloroethene	98.5		0.300	1.00	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 06:45	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Trichloroethene	20.9		0.190	0.633	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 06:45	<a href="#">WG1752015</a>
(S) Toluene-d8	116			80.0-120		10/08/2021 06:45	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	102			77.0-126		10/08/2021 06:45	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		10/08/2021 06:45	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 07:05	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 07:05	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 07:05	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 07:05	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 07:05	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 07:05	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 07:05	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 07:05	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 07:05	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 07:05	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 07:05	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 07:05	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 07:05	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 07:05	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 07:05	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 07:05	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 07:05	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 07:05	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 07:05	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 07:05	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 07:05	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 07:05	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 07:05	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 07:05	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 07:05	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 07:05	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 07:05	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 07:05	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 07:05	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 07:05	WG1752015
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 07:05	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 07:05	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 07:05	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 07:05	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 07:05	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 07:05	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 07:05	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 07:05	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 07:05	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 07:05	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 07:05	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 07:05	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 07:05	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 07:05	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 07:05	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 07:05	WG1752015
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 07:05	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 07:05	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 07:05	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 07:05	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 07:05	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 07:05	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 07:05	WG1752015
Tetrachloroethene	0.952	J	0.300	1.00	1	10/08/2021 07:05	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 07:05	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 07:05	WG1752015

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 07:05	<a href="#">WG1752015</a>
(S) Toluene-d8	114			80.0-120		10/08/2021 07:05	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	99.3			77.0-126		10/08/2021 07:05	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	96.1			70.0-130		10/08/2021 07:05	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 07:44	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 07:44	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 07:44	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 07:44	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 07:44	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 07:44	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 07:44	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 07:44	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 07:44	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 07:44	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 07:44	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 07:44	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 07:44	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 07:44	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Tetrachloroethene	U		0.300	1.00	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 07:44	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 07:44	<a href="#">WG1752015</a>
(S) Toluene-d8	114			80.0-120		10/08/2021 07:44	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	103			77.0-126		10/08/2021 07:44	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.4			70.0-130		10/08/2021 07:44	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 07:25	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 07:25	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 07:25	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 07:25	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 07:25	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 07:25	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 07:25	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 07:25	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 07:25	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 07:25	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 07:25	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 07:25	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 07:25	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 07:25	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Tetrachloroethene	U		0.300	1.00	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 07:25	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 07:25	<a href="#">WG1752015</a>
(S) Toluene-d8	117			80.0-120		10/08/2021 07:25	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	105			77.0-126		10/08/2021 07:25	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 07:25	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## LUCK WELL #2

## SAMPLE RESULTS - 10

Collected date/time: 09/24/21 10:45

L1410244

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 08:04	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 08:04	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 08:04	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 08:04	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 08:04	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 08:04	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 08:04	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 08:04	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 08:04	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 08:04	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 08:04	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 08:04	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 08:04	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Methyl tert-butyl ether	0.372		0.101	0.337	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 08:04	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Tetrachloroethene	U		0.300	1.00	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 08:04	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

MSA Professional Services

PROJECT:

06080801

SDG:

L1410244

DATE/TIME:

10/12/21 08:29

PAGE:

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Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 08:04	<a href="#">WG1752015</a>
(S) Toluene-d8	113			80.0-120		10/08/2021 08:04	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	105			77.0-126		10/08/2021 08:04	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 08:04	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Benzene	0.189	<u>J</u>	0.0941	0.314	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 08:24	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 08:24	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 08:24	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 08:24	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 08:24	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 08:24	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	29.7		0.126	0.420	1	10/08/2021 08:24	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 08:24	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 08:24	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 08:24	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 08:24	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 08:24	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 08:24	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 08:24	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Tetrachloroethene	98.2		0.300	1.00	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 08:24	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Trichloroethene	22.2		0.190	0.633	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 08:24	<a href="#">WG1752015</a>
(S) Toluene-d8	107			80.0-120		10/08/2021 08:24	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	95.6			77.0-126		10/08/2021 08:24	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	100			70.0-130		10/08/2021 08:24	<a href="#">WG1752015</a>

1  
Cp

2  
Tc

3  
Ss

4  
Cn

5  
Sr

6  
Qc

7  
Gl

8  
Al

9  
Sc

Method Blank (MB)

(MB) R3714975-3 10/08/21 02:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	37.7
Benzene	U		0.0941	0.314
Bromobenzene	U		0.118	0.393
Bromodichloromethane	U		0.136	0.453
Bromochloromethane	U		0.128	0.427
Bromoform	U		0.129	0.430
Bromomethane	U		0.605	2.02
n-Butylbenzene	U		0.157	0.523
sec-Butylbenzene	U		0.125	0.417
tert-Butylbenzene	U		0.127	0.423
Carbon tetrachloride	U		0.128	0.427
Chlorobenzene	U		0.116	0.387
Chlorodibromomethane	U		0.140	0.467
Chloroethane	U		0.192	0.640
Chloroform	U		0.111	0.370
Chloromethane	U		0.960	3.20
2-Chlorotoluene	U		0.106	0.353
4-Chlorotoluene	U		0.114	0.380
1,2-Dibromo-3-Chloropropane	U		0.276	0.920
1,2-Dibromoethane	U		0.126	0.420
Dibromomethane	U		0.122	0.407
1,2-Dichlorobenzene	U		0.107	0.357
1,3-Dichlorobenzene	U		0.110	0.367
1,4-Dichlorobenzene	U		0.120	0.400
Dichlorodifluoromethane	U		0.374	1.25
Dichlorofluoromethane	U		0.130	0.433
1,1-Dichloroethane	U		0.100	0.333
1,2-Dichloroethane	U		0.0819	0.273
1,1-Dichloroethene	U		0.188	0.627
cis-1,2-Dichloroethene	U		0.126	0.420
trans-1,2-Dichloroethene	U		0.149	0.497
1,2-Dichloropropane	U		0.149	0.497
1,1-Dichloropropene	U		0.142	0.473
1,3-Dichloropropane	U		0.110	0.367
cis-1,3-Dichloropropene	U		0.111	0.370
trans-1,3-Dichloropropene	U		0.118	0.393
2,2-Dichloropropane	U		0.161	0.537
Ethylbenzene	U		0.137	0.457
Ethyl ether	U		0.115	0.383
Hexachloro-1,3-butadiene	U		0.337	1.12

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R3714975-3 10/08/21 02:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	0.350
p-Isopropyltoluene	U		0.120	0.400
2-Butanone (MEK)	U		1.19	3.97
Methylene Chloride	U		0.430	1.43
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59
Methyl tert-butyl ether	U		0.101	0.337
Naphthalene	U		1.00	3.33
n-Propylbenzene	U		0.0993	0.331
Styrene	U		0.118	0.393
1,1,1,2-Tetrachloroethane	U		0.147	0.490
1,1,2,2-Tetrachloroethane	U		0.133	0.443
Tetrachloroethene	U		0.300	1.00
Tetrahydrofuran	U		0.929	3.10
Toluene	U		0.278	0.927
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600
1,2,3-Trichlorobenzene	0.276	U	0.230	0.767
1,2,4-Trichlorobenzene	U		0.481	1.60
1,1,1-Trichloroethane	U		0.149	0.497
1,1,2-Trichloroethane	U		0.158	0.527
Trichloroethene	U		0.190	0.633
Trichlorofluoromethane	U		0.160	0.533
1,2,3-Trichloropropane	U		0.237	0.790
1,2,4-Trimethylbenzene	U		0.322	1.07
1,3,5-Trimethylbenzene	U		0.104	0.347
Vinyl chloride	U		0.234	0.780
Xylenes, Total	U		0.174	0.580
Allyl Chloride	U		0.500	1.67
(S) Toluene-d8	115			80.0-120
(S) 4-Bromofluorobenzene	107			77.0-126
(S) 1,2-Dichloroethane-d4	99.1			70.0-130

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3714975-1 10/08/21 01:29 • (LCSD) R3714975-2 10/08/21 01:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	19.6	18.6	78.4	74.4	19.0-160			5.24	27
Benzene	5.00	4.82	4.87	96.4	97.4	70.0-123			1.03	20
Bromobenzene	5.00	4.49	4.58	89.8	91.6	73.0-121			1.98	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3714975-1 10/08/21 01:29 • (LCSD) R3714975-2 10/08/21 01:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromodichloromethane	5.00	4.75	4.96	95.0	99.2	75.0-120			4.33	20
Bromochloromethane	5.00	5.80	5.63	116	113	76.0-122			2.97	20
Bromoform	5.00	4.80	4.65	96.0	93.0	68.0-132			3.17	20
Bromomethane	5.00	5.76	5.56	115	111	30.0-160			3.53	25
n-Butylbenzene	5.00	4.83	4.90	96.6	98.0	73.0-125			1.44	20
sec-Butylbenzene	5.00	4.78	4.92	95.6	98.4	75.0-125			2.89	20
tert-Butylbenzene	5.00	4.54	4.97	90.8	99.4	76.0-124			9.04	20
Carbon tetrachloride	5.00	4.77	4.80	95.4	96.0	68.0-126			0.627	20
Chlorobenzene	5.00	4.71	4.92	94.2	98.4	80.0-121			4.36	20
Chlorodibromomethane	5.00	4.80	4.96	96.0	99.2	77.0-125			3.28	20
Chloroethane	5.00	5.02	5.13	100	103	47.0-150			2.17	20
Chloroform	5.00	4.94	4.98	98.8	99.6	73.0-120			0.806	20
Chloromethane	5.00	4.32	4.52	86.4	90.4	41.0-142			4.52	20
2-Chlorotoluene	5.00	4.47	4.85	89.4	97.0	76.0-123			8.15	20
4-Chlorotoluene	5.00	4.61	4.98	92.2	99.6	75.0-122			7.72	20
1,2-Dibromo-3-Chloropropane	5.00	4.67	4.93	93.4	98.6	58.0-134			5.42	20
1,2-Dibromoethane	5.00	4.70	5.22	94.0	104	80.0-122			10.5	20
Dibromomethane	5.00	5.06	5.30	101	106	80.0-120			4.63	20
1,2-Dichlorobenzene	5.00	5.15	5.12	103	102	79.0-121			0.584	20
1,3-Dichlorobenzene	5.00	5.02	5.20	100	104	79.0-120			3.52	20
1,4-Dichlorobenzene	5.00	4.55	5.06	91.0	101	79.0-120			10.6	20
Dichlorodifluoromethane	5.00	4.61	4.44	92.2	88.8	51.0-149			3.76	20
Dichlorofluoromethane	5.00	4.78	5.10	95.6	102	65.0-133			6.48	20
1,1-Dichloroethane	5.00	4.81	5.07	96.2	101	70.0-126			5.26	20
1,2-Dichloroethane	5.00	5.10	5.12	102	102	70.0-128			0.391	20
1,1-Dichloroethene	5.00	4.70	4.49	94.0	89.8	71.0-124			4.57	20
cis-1,2-Dichloroethene	5.00	4.48	4.93	89.6	98.6	73.0-120			9.56	20
trans-1,2-Dichloroethene	5.00	4.59	4.62	91.8	92.4	73.0-120			0.651	20
1,2-Dichloropropane	5.00	5.07	5.45	101	109	77.0-125			7.22	20
1,1-Dichloropropene	5.00	4.78	4.89	95.6	97.8	74.0-126			2.28	20
1,3-Dichloropropane	5.00	4.83	5.06	96.6	101	80.0-120			4.65	20
cis-1,3-Dichloropropene	5.00	4.71	4.97	94.2	99.4	80.0-123			5.37	20
trans-1,3-Dichloropropene	5.00	4.47	5.06	89.4	101	78.0-124			12.4	20
2,2-Dichloropropane	5.00	4.45	4.32	89.0	86.4	58.0-130			2.96	20
Ethylbenzene	5.00	4.70	5.03	94.0	101	79.0-123			6.78	20
Ethyl ether	5.00	4.99	5.22	99.8	104	66.0-130			4.51	20
Hexachloro-1,3-butadiene	5.00	4.41	4.65	88.2	93.0	54.0-138			5.30	20
Isopropylbenzene	5.00	4.54	4.62	90.8	92.4	76.0-127			1.75	20
p-Isopropyltoluene	5.00	4.68	4.75	93.6	95.0	76.0-125			1.48	20
2-Butanone (MEK)	25.0	19.6	17.7	78.4	70.8	44.0-160			10.2	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3714975-1 10/08/21 01:29 • (LCSD) R3714975-2 10/08/21 01:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methylene Chloride	5.00	5.15	5.29	103	106	67.0-120			2.68	20
4-Methyl-2-pentanone (MIBK)	25.0	24.8	25.2	99.2	101	68.0-142			1.60	20
Methyl tert-butyl ether	5.00	5.18	5.28	104	106	68.0-125			1.91	20
Naphthalene	5.00	4.48	5.45	89.6	109	54.0-135			19.5	20
n-Propylbenzene	5.00	4.39	4.80	87.8	96.0	77.0-124			8.92	20
Styrene	5.00	4.73	4.92	94.6	98.4	73.0-130			3.94	20
1,1,1,2-Tetrachloroethane	5.00	4.56	4.88	91.2	97.6	75.0-125			6.78	20
1,1,2,2-Tetrachloroethane	5.00	4.48	4.69	89.6	93.8	65.0-130			4.58	20
Tetrachloroethene	5.00	4.67	4.81	93.4	96.2	72.0-132			2.95	20
Tetrahydrofuran	5.00	4.52	4.54	90.4	90.8	41.0-146			0.442	20
Toluene	5.00	4.72	4.77	94.4	95.4	79.0-120			1.05	20
1,1,2-Trichlorotrifluoroethane	5.00	5.06	4.79	101	95.8	69.0-132			5.48	20
1,2,3-Trichlorobenzene	5.00	4.60	5.52	92.0	110	50.0-138			18.2	20
1,2,4-Trichlorobenzene	5.00	4.85	5.37	97.0	107	57.0-137			10.2	20
1,1,1-Trichloroethane	5.00	4.67	4.83	93.4	96.6	73.0-124			3.37	20
1,1,2-Trichloroethane	5.00	4.69	5.05	93.8	101	80.0-120			7.39	20
Trichloroethene	5.00	4.90	5.22	98.0	104	78.0-124			6.32	20
Trichlorofluoromethane	5.00	4.86	4.87	97.2	97.4	59.0-147			0.206	20
1,2,3-Trichloropropane	5.00	4.61	5.27	92.2	105	73.0-130			13.4	20
1,2,4-Trimethylbenzene	5.00	4.48	4.89	89.6	97.8	76.0-121			8.75	20
1,3,5-Trimethylbenzene	5.00	4.42	4.62	88.4	92.4	76.0-122			4.42	20
Vinyl chloride	5.00	4.87	4.95	97.4	99.0	67.0-131			1.63	20
Xylenes, Total	15.0	13.6	14.8	90.7	98.7	79.0-123			8.45	20
Allyl chloride	25.0	25.0	25.2	100	101	72.0-128			0.797	20
(S) Toluene-d8				101	103	80.0-120				
(S) 4-Bromofluorobenzene				93.1	99.1	77.0-126				
(S) 1,2-Dichloroethane-d4				105	102	70.0-130				

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

# GLOSSARY OF TERMS

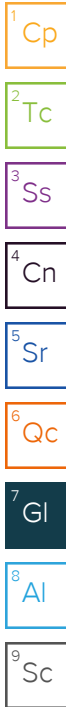
## Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.
Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.



# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc


<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

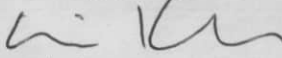
Company Name/Address: **MSA Professional Services**  
 332 W. Superior Street, Suite 600  
 Duluth, MN 55802

Billing Information:  
 332 W. Superior St, Ste. 600  
 Duluth, MN 55802

Chain of Custody Page 1 of 2  
  
 Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to: **Erica Klingfus**  
 Email To: **eklingfus@msa-ps.com**

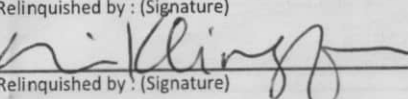
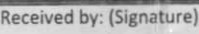
Project Description: **Laundry Basket** City/State Collected: **Luck, WI** Please Circle: **PT MT CT ET**

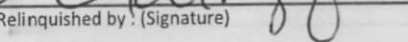
Phone: **218-722-3915** Client Project #: **06080801** Lab Project #:  
 Collected by (print): **Erica Klingfus** Site/Facility ID #: P.O. #  
 Collected by (signature):  Quote #  
 Immediately Packed on Ice N    Y X Rush? (Lab MUST Be Notified)  
 Same Day  Five Day  
 Next Day  5 Day (Rad Only)  
 Two Day  10 Day (Rad Only)  
 Three Day Date Results Needed: No. of Cntrs: **3**

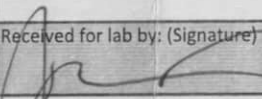
Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative
MW-6-30LT	G	GW	-	9/24/21	1140	3	X
MW-6-50LT			-		1120		X
MW-10-30LT			-		1155		X
MW-10-50LT			-		1215		X
MW-13D			-		1420		X
MW-15D			-		1335		X
MW-17			-		1240		X
MW-17-40			-		1255		X
MW-17-70			-		1315		X
Luck well #2		DW	-		1045		X

Remarks:  
 \* Matrix: SS - Soil AIR - Air F - Filter  
 GW - Groundwater B - Bioassay  
 WW - WasteWater  
 DW - Drinking Water  
 OT - Other

Samples returned via:    UPS    FedEx    Courier    Tracking # **521733121037**

Relinquished by: (Signature)  Date: **9/27/21** Time: **900**  
 Received by: (Signature)  Trip Blank Received:  Yes  No  
 HCL / MeOH  
 TBR

Relinquished by: (Signature)  Date: Time: Received by: (Signature) Temp: **15.00°C** Bottles Received: **33**  
**1.8 ± 0.1.8**

Relinquished by: (Signature)  Date: **9/28/21** Time: **930** Hold: Condition: **NCF 10**

Sample Receipt Checklist  
 COC Seal Present/Intact:  NP  Y  N  
 COC Signed/Accurate:  Y  N  
 Bottles arrive intact:  Y  N  
 Correct bottles used:  Y  N  
 Sufficient volume sent:  Y  N  
 If Applicable  
 VOA Zero Headspace:  Y  N  
 Preservation Correct/Checked:  Y  N  
 RAD Screen <0.5 mR/hr:  Y  N





**MSA Professional Services**

Sample Delivery Group: L1410244  
Samples Received: 09/28/2021  
Project Number: 06080801  
Description: Laundry Basket

Report To: Mark Davidson  
332 W. Superior Street, Suite 600  
Duluth, MN 55802

Entire Report Reviewed By:



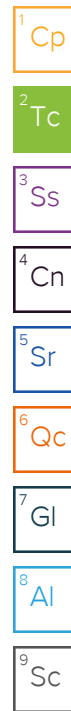
John Hawkins  
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

**Pace Analytical National**12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 [www.pacenational.com](http://www.pacenational.com)

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MW-10-30LT L1410244-03	10
MW-10-50LT L1410244-04	12
MW-13D L1410244-05	14
MW-15D L1410244-06	16
MW-17 L1410244-07	18
MW-17-40 L1410244-08	20
MW-17-70 L1410244-09	22
LUCK WELL #2 L1410244-10	24
DUPLICATE L1410244-11	26
<b>Qc: Quality Control Summary</b>	<b>28</b>
<b>Volatile Organic Compounds (GC/MS) by Method 8260D</b>	<b>28</b>
<b>Gl: Glossary of Terms</b>	<b>32</b>
<b>Al: Accreditations &amp; Locations</b>	<b>33</b>
<b>Sc: Sample Chain of Custody</b>	<b>34</b>



# SAMPLE SUMMARY

## MW-6-30LT L1410244-01 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 11:40  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 05:06	10/08/21 05:06	ACG	Mt. Juliet, TN

1 Cp

2 Tc

## MW-6-50LT L1410244-02 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 11:20  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 05:26	10/08/21 05:26	ACG	Mt. Juliet, TN

3 Ss

4 Cn

5 Sr

## MW-10-30LT L1410244-03 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 11:55  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 05:46	10/08/21 05:46	ACG	Mt. Juliet, TN

6 Qc

7 Gl

8 Al

## MW-10-50LT L1410244-04 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 12:15  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 06:05	10/08/21 06:05	ACG	Mt. Juliet, TN

9 Sc

## MW-13D L1410244-05 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 14:20  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 06:25	10/08/21 06:25	ACG	Mt. Juliet, TN

## MW-15D L1410244-06 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 13:35  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 06:45	10/08/21 06:45	ACG	Mt. Juliet, TN

## MW-17 L1410244-07 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 12:40  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 07:05	10/08/21 07:05	ACG	Mt. Juliet, TN

## MW-17-40 L1410244-08 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 12:55  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 07:44	10/08/21 07:44	ACG	Mt. Juliet, TN

# SAMPLE SUMMARY

## MW-17-70 L1410244-09 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 13:15  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 07:25	10/08/21 07:25	ACG	Mt. Juliet, TN

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

## LUCK WELL #2 L1410244-10 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 10:45  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 08:04	10/08/21 08:04	ACG	Mt. Juliet, TN

<sup>4</sup>Cn

<sup>5</sup>Sr

## DUPLICATE L1410244-11 GW

Collected by Erica Klingfus  
 Collected date/time 09/24/21 13:40  
 Received date/time 09/28/21 09:30

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260D	WG1752015	1	10/08/21 08:24	10/08/21 08:24	ACG	Mt. Juliet, TN

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

# CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



John Hawkins  
Project Manager

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 05:06	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 05:06	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 05:06	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 05:06	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 05:06	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 05:06	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 05:06	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 05:06	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 05:06	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 05:06	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 05:06	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 05:06	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 05:06	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 05:06	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Tetrachloroethene	0.698	<u>J</u>	0.300	1.00	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 05:06	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 05:06	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 05:06	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 05:06	<a href="#">WG1752015</a>
(S) Toluene-d8	115			80.0-120		10/08/2021 05:06	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	104			77.0-126		10/08/2021 05:06	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 05:06	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 05:26	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 05:26	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 05:26	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 05:26	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 05:26	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 05:26	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 05:26	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 05:26	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 05:26	WG1752015
sec-Butylbenzene	0.407	J	0.125	0.417	1	10/08/2021 05:26	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 05:26	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 05:26	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 05:26	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 05:26	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 05:26	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 05:26	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 05:26	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 05:26	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 05:26	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 05:26	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 05:26	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 05:26	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 05:26	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 05:26	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 05:26	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 05:26	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 05:26	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 05:26	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 05:26	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 05:26	WG1752015
cis-1,2-Dichloroethene	0.200	J	0.126	0.420	1	10/08/2021 05:26	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 05:26	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 05:26	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 05:26	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 05:26	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 05:26	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 05:26	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 05:26	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 05:26	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 05:26	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 05:26	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 05:26	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 05:26	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 05:26	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 05:26	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 05:26	WG1752015
Methyl tert-butyl ether	0.215	J	0.101	0.337	1	10/08/2021 05:26	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 05:26	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 05:26	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 05:26	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 05:26	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 05:26	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 05:26	WG1752015
Tetrachloroethene	0.398	J	0.300	1.00	1	10/08/2021 05:26	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 05:26	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 05:26	WG1752015

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 05:26	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 05:26	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 05:26	<a href="#">WG1752015</a>
(S) Toluene-d8	109			80.0-120		10/08/2021 05:26	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	100			77.0-126		10/08/2021 05:26	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	98.5			70.0-130		10/08/2021 05:26	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 05:46	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 05:46	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 05:46	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 05:46	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 05:46	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 05:46	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 05:46	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 05:46	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 05:46	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 05:46	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 05:46	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 05:46	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 05:46	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 05:46	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 05:46	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 05:46	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 05:46	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 05:46	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 05:46	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 05:46	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 05:46	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 05:46	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 05:46	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 05:46	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 05:46	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 05:46	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 05:46	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 05:46	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 05:46	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 05:46	WG1752015
cis-1,2-Dichloroethene	0.640		0.126	0.420	1	10/08/2021 05:46	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 05:46	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 05:46	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 05:46	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 05:46	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 05:46	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 05:46	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 05:46	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 05:46	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 05:46	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 05:46	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 05:46	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 05:46	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 05:46	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 05:46	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 05:46	WG1752015
Methyl tert-butyl ether	0.159	J	0.101	0.337	1	10/08/2021 05:46	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 05:46	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 05:46	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 05:46	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 05:46	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 05:46	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 05:46	WG1752015
Tetrachloroethene	3.18		0.300	1.00	1	10/08/2021 05:46	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 05:46	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 05:46	WG1752015

1 Cp  
2 Tc  
3 Ss  
4 Cn  
5 Sr  
6 Qc  
7 Gl  
8 Al  
9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Trichloroethene	0.343	<u>J</u>	0.190	0.633	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 05:46	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 05:46	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 05:46	<a href="#">WG1752015</a>
(S) Toluene-d8	117			80.0-120		10/08/2021 05:46	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	107			77.0-126		10/08/2021 05:46	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 05:46	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
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- 7 Gl
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Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 06:05	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 06:05	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 06:05	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 06:05	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 06:05	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 06:05	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 06:05	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 06:05	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 06:05	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 06:05	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 06:05	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 06:05	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 06:05	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 06:05	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 06:05	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 06:05	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 06:05	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 06:05	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 06:05	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 06:05	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 06:05	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 06:05	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 06:05	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 06:05	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 06:05	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 06:05	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 06:05	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 06:05	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 06:05	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 06:05	WG1752015
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 06:05	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 06:05	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 06:05	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 06:05	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 06:05	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 06:05	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 06:05	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 06:05	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 06:05	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 06:05	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 06:05	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 06:05	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 06:05	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 06:05	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 06:05	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 06:05	WG1752015
Methyl tert-butyl ether	0.115	J	0.101	0.337	1	10/08/2021 06:05	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 06:05	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 06:05	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 06:05	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 06:05	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 06:05	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 06:05	WG1752015
Tetrachloroethene	3.54		0.300	1.00	1	10/08/2021 06:05	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 06:05	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 06:05	WG1752015

1 Cp  
2 Tc  
3 Ss  
4 Cn  
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Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Trichloroethene	0.298	<u>J</u>	0.190	0.633	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 06:05	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 06:05	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 06:05	<a href="#">WG1752015</a>
(S) Toluene-d8	114			80.0-120		10/08/2021 06:05	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	100			77.0-126		10/08/2021 06:05	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		10/08/2021 06:05	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 06:25	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 06:25	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 06:25	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 06:25	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 06:25	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 06:25	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	4.05		0.126	0.420	1	10/08/2021 06:25	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 06:25	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 06:25	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 06:25	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 06:25	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 06:25	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 06:25	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 06:25	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Tetrachloroethene	35.6		0.300	1.00	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 06:25	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Trichloroethene	6.68		0.190	0.633	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 06:25	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 06:25	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 06:25	<a href="#">WG1752015</a>
(S) Toluene-d8	110			80.0-120		10/08/2021 06:25	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	99.5			77.0-126		10/08/2021 06:25	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.7			70.0-130		10/08/2021 06:25	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Benzene	0.195	<u>J</u>	0.0941	0.314	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 06:45	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 06:45	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 06:45	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 06:45	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 06:45	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1-Dichloroethene	0.202	<u>J</u>	0.188	0.627	1	10/08/2021 06:45	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	27.9		0.126	0.420	1	10/08/2021 06:45	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 06:45	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 06:45	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 06:45	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 06:45	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 06:45	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 06:45	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 06:45	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Tetrachloroethene	98.5		0.300	1.00	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 06:45	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Trichloroethene	20.9		0.190	0.633	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 06:45	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 06:45	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 06:45	<a href="#">WG1752015</a>
(S) Toluene-d8	116			80.0-120		10/08/2021 06:45	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	102			77.0-126		10/08/2021 06:45	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.9			70.0-130		10/08/2021 06:45	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 07:05	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 07:05	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 07:05	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 07:05	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 07:05	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 07:05	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 07:05	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 07:05	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 07:05	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 07:05	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 07:05	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 07:05	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 07:05	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 07:05	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Tetrachloroethene	0.952	<u>J</u>	0.300	1.00	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 07:05	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 07:05	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 07:05	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 07:05	<a href="#">WG1752015</a>
(S) Toluene-d8	114			80.0-120		10/08/2021 07:05	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	99.3			77.0-126		10/08/2021 07:05	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	96.1			70.0-130		10/08/2021 07:05	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 07:44	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 07:44	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 07:44	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 07:44	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 07:44	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 07:44	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 07:44	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 07:44	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 07:44	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 07:44	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 07:44	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 07:44	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 07:44	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 07:44	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 07:44	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 07:44	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 07:44	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 07:44	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 07:44	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 07:44	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 07:44	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 07:44	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 07:44	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 07:44	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 07:44	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 07:44	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 07:44	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 07:44	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 07:44	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 07:44	WG1752015
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 07:44	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 07:44	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 07:44	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 07:44	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 07:44	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 07:44	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 07:44	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 07:44	WG1752015
Ethylbenzene	U		0.137	0.457	1	10/08/2021 07:44	WG1752015
Ethyl ether	U		0.115	0.383	1	10/08/2021 07:44	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 07:44	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 07:44	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 07:44	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 07:44	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 07:44	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 07:44	WG1752015
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 07:44	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 07:44	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 07:44	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 07:44	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 07:44	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 07:44	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 07:44	WG1752015
Tetrachloroethene	U		0.300	1.00	1	10/08/2021 07:44	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 07:44	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 07:44	WG1752015

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 07:44	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 07:44	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 07:44	<a href="#">WG1752015</a>
(S) Toluene-d8	114			80.0-120		10/08/2021 07:44	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	103			77.0-126		10/08/2021 07:44	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	99.4			70.0-130		10/08/2021 07:44	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	C3	11.3	37.7	1	10/08/2021 07:25	WG1752015
Allyl chloride	U		0.500	1.67	1	10/08/2021 07:25	WG1752015
Benzene	U		0.0941	0.314	1	10/08/2021 07:25	WG1752015
Bromobenzene	U		0.118	0.393	1	10/08/2021 07:25	WG1752015
Bromochloromethane	U		0.128	0.427	1	10/08/2021 07:25	WG1752015
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 07:25	WG1752015
Bromoform	U		0.129	0.430	1	10/08/2021 07:25	WG1752015
Bromomethane	U		0.605	2.02	1	10/08/2021 07:25	WG1752015
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 07:25	WG1752015
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 07:25	WG1752015
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 07:25	WG1752015
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 07:25	WG1752015
Chlorobenzene	U		0.116	0.387	1	10/08/2021 07:25	WG1752015
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 07:25	WG1752015
Chloroethane	U		0.192	0.640	1	10/08/2021 07:25	WG1752015
Chloroform	U		0.111	0.370	1	10/08/2021 07:25	WG1752015
Chloromethane	U		0.960	3.20	1	10/08/2021 07:25	WG1752015
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 07:25	WG1752015
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 07:25	WG1752015
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 07:25	WG1752015
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 07:25	WG1752015
Dibromomethane	U		0.122	0.407	1	10/08/2021 07:25	WG1752015
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 07:25	WG1752015
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 07:25	WG1752015
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 07:25	WG1752015
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 07:25	WG1752015
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 07:25	WG1752015
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 07:25	WG1752015
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 07:25	WG1752015
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 07:25	WG1752015
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 07:25	WG1752015
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 07:25	WG1752015
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 07:25	WG1752015
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 07:25	WG1752015
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 07:25	WG1752015
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 07:25	WG1752015
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 07:25	WG1752015
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 07:25	WG1752015
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Ethyl ether	U		0.115	0.383	1	10/08/2021 07:25	WG1752015
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 07:25	WG1752015
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 07:25	WG1752015
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 07:25	WG1752015
2-Butanone (MEK)	U	C3	1.19	3.97	1	10/08/2021 07:25	WG1752015
Methylene Chloride	U		0.430	1.43	1	10/08/2021 07:25	WG1752015
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 07:25	WG1752015
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 07:25	WG1752015
Naphthalene	U		1.00	3.33	1	10/08/2021 07:25	WG1752015
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 07:25	WG1752015
Styrene	U		0.118	0.393	1	10/08/2021 07:25	WG1752015
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 07:25	WG1752015
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 07:25	WG1752015
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 07:25	WG1752015
Tetrachloroethene	U		0.300	1.00	1	10/08/2021 07:25	WG1752015
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 07:25	WG1752015
Toluene	U		0.278	0.927	1	10/08/2021 07:25	WG1752015

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 07:25	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 07:25	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 07:25	<a href="#">WG1752015</a>
(S) Toluene-d8	117			80.0-120		10/08/2021 07:25	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	105			77.0-126		10/08/2021 07:25	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 07:25	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc



## LUCK WELL #2

## SAMPLE RESULTS - 10

Collected date/time: 09/24/21 10:45

L1410244

## Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Benzene	U		0.0941	0.314	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 08:04	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 08:04	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 08:04	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 08:04	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 08:04	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 08:04	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	U		0.126	0.420	1	10/08/2021 08:04	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 08:04	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 08:04	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 08:04	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 08:04	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 08:04	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 08:04	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Methyl tert-butyl ether	0.372		0.101	0.337	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 08:04	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Tetrachloroethene	U		0.300	1.00	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 08:04	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

ACCOUNT:

MSA Professional Services

PROJECT:

06080801

SDG:

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DATE/TIME:

10/12/21 08:29

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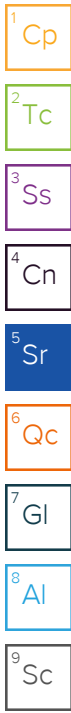
Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Trichloroethene	U		0.190	0.633	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 08:04	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 08:04	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 08:04	<a href="#">WG1752015</a>
(S) Toluene-d8	113			80.0-120		10/08/2021 08:04	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	105			77.0-126		10/08/2021 08:04	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	101			70.0-130		10/08/2021 08:04	<a href="#">WG1752015</a>

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	ug/l		ug/l	ug/l		date / time	
Acetone	U	<u>C3</u>	11.3	37.7	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Allyl chloride	U		0.500	1.67	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Benzene	0.189	<u>J</u>	0.0941	0.314	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromobenzene	U		0.118	0.393	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromochloromethane	U		0.128	0.427	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromodichloromethane	U		0.136	0.453	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromoform	U		0.129	0.430	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Bromomethane	U		0.605	2.02	1	10/08/2021 08:24	<a href="#">WG1752015</a>
n-Butylbenzene	U		0.157	0.523	1	10/08/2021 08:24	<a href="#">WG1752015</a>
sec-Butylbenzene	U		0.125	0.417	1	10/08/2021 08:24	<a href="#">WG1752015</a>
tert-Butylbenzene	U		0.127	0.423	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Carbon tetrachloride	U		0.128	0.427	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chlorobenzene	U		0.116	0.387	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chlorodibromomethane	U		0.140	0.467	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chloroethane	U		0.192	0.640	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chloroform	U		0.111	0.370	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Chloromethane	U		0.960	3.20	1	10/08/2021 08:24	<a href="#">WG1752015</a>
2-Chlorotoluene	U		0.106	0.353	1	10/08/2021 08:24	<a href="#">WG1752015</a>
4-Chlorotoluene	U		0.114	0.380	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dibromo-3-Chloropropane	U		0.276	0.920	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dibromoethane	U		0.126	0.420	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Dibromomethane	U		0.122	0.407	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dichlorobenzene	U		0.107	0.357	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,3-Dichlorobenzene	U		0.110	0.367	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,4-Dichlorobenzene	U		0.120	0.400	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Dichlorodifluoromethane	U		0.374	1.25	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Dichlorofluoromethane	U		0.130	0.433	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1-Dichloroethane	U		0.100	0.333	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dichloroethane	U		0.0819	0.273	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1-Dichloroethene	U		0.188	0.627	1	10/08/2021 08:24	<a href="#">WG1752015</a>
cis-1,2-Dichloroethene	29.7		0.126	0.420	1	10/08/2021 08:24	<a href="#">WG1752015</a>
trans-1,2-Dichloroethene	U		0.149	0.497	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2-Dichloropropane	U		0.149	0.497	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1-Dichloropropene	U		0.142	0.473	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,3-Dichloropropane	U		0.110	0.367	1	10/08/2021 08:24	<a href="#">WG1752015</a>
cis-1,3-Dichloropropene	U		0.111	0.370	1	10/08/2021 08:24	<a href="#">WG1752015</a>
trans-1,3-Dichloropropene	U		0.118	0.393	1	10/08/2021 08:24	<a href="#">WG1752015</a>
2,2-Dichloropropane	U		0.161	0.537	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Ethylbenzene	U		0.137	0.457	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Ethyl ether	U		0.115	0.383	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Hexachloro-1,3-butadiene	U		0.337	1.12	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Isopropylbenzene	U		0.105	0.350	1	10/08/2021 08:24	<a href="#">WG1752015</a>
p-Isopropyltoluene	U		0.120	0.400	1	10/08/2021 08:24	<a href="#">WG1752015</a>
2-Butanone (MEK)	U	<u>C3</u>	1.19	3.97	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Methylene Chloride	U		0.430	1.43	1	10/08/2021 08:24	<a href="#">WG1752015</a>
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Methyl tert-butyl ether	U		0.101	0.337	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Naphthalene	U		1.00	3.33	1	10/08/2021 08:24	<a href="#">WG1752015</a>
n-Propylbenzene	U		0.0993	0.331	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Styrene	U		0.118	0.393	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,1,2-Tetrachloroethane	U		0.147	0.490	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,2,2-Tetrachloroethane	U		0.133	0.443	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Tetrachloroethene	98.2		0.300	1.00	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Tetrahydrofuran	U		0.929	3.10	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Toluene	U		0.278	0.927	1	10/08/2021 08:24	<a href="#">WG1752015</a>



Volatile Organic Compounds (GC/MS) by Method 8260D

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
1,2,3-Trichlorobenzene	U		0.230	0.767	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2,4-Trichlorobenzene	U		0.481	1.60	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,1-Trichloroethane	U		0.149	0.497	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,1,2-Trichloroethane	U		0.158	0.527	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Trichloroethene	22.2		0.190	0.633	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Trichlorofluoromethane	U		0.160	0.533	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2,3-Trichloropropane	U		0.237	0.790	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,2,4-Trimethylbenzene	U		0.322	1.07	1	10/08/2021 08:24	<a href="#">WG1752015</a>
1,3,5-Trimethylbenzene	U		0.104	0.347	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Vinyl chloride	U		0.234	0.780	1	10/08/2021 08:24	<a href="#">WG1752015</a>
Xylenes, Total	U		0.174	0.580	1	10/08/2021 08:24	<a href="#">WG1752015</a>
(S) Toluene-d8	107			80.0-120		10/08/2021 08:24	<a href="#">WG1752015</a>
(S) 4-Bromofluorobenzene	95.6			77.0-126		10/08/2021 08:24	<a href="#">WG1752015</a>
(S) 1,2-Dichloroethane-d4	100			70.0-130		10/08/2021 08:24	<a href="#">WG1752015</a>

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3714975-3 10/08/21 02:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Acetone	U		11.3	37.7
Benzene	U		0.0941	0.314
Bromobenzene	U		0.118	0.393
Bromodichloromethane	U		0.136	0.453
Bromochloromethane	U		0.128	0.427
Bromoform	U		0.129	0.430
Bromomethane	U		0.605	2.02
n-Butylbenzene	U		0.157	0.523
sec-Butylbenzene	U		0.125	0.417
tert-Butylbenzene	U		0.127	0.423
Carbon tetrachloride	U		0.128	0.427
Chlorobenzene	U		0.116	0.387
Chlorodibromomethane	U		0.140	0.467
Chloroethane	U		0.192	0.640
Chloroform	U		0.111	0.370
Chloromethane	U		0.960	3.20
2-Chlorotoluene	U		0.106	0.353
4-Chlorotoluene	U		0.114	0.380
1,2-Dibromo-3-Chloropropane	U		0.276	0.920
1,2-Dibromoethane	U		0.126	0.420
Dibromomethane	U		0.122	0.407
1,2-Dichlorobenzene	U		0.107	0.357
1,3-Dichlorobenzene	U		0.110	0.367
1,4-Dichlorobenzene	U		0.120	0.400
Dichlorodifluoromethane	U		0.374	1.25
Dichlorofluoromethane	U		0.130	0.433
1,1-Dichloroethane	U		0.100	0.333
1,2-Dichloroethane	U		0.0819	0.273
1,1-Dichloroethene	U		0.188	0.627
cis-1,2-Dichloroethene	U		0.126	0.420
trans-1,2-Dichloroethene	U		0.149	0.497
1,2-Dichloropropane	U		0.149	0.497
1,1-Dichloropropene	U		0.142	0.473
1,3-Dichloropropane	U		0.110	0.367
cis-1,3-Dichloropropene	U		0.111	0.370
trans-1,3-Dichloropropene	U		0.118	0.393
2,2-Dichloropropane	U		0.161	0.537
Ethylbenzene	U		0.137	0.457
Ethyl ether	U		0.115	0.383
Hexachloro-1,3-butadiene	U		0.337	1.12

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Method Blank (MB)

(MB) R3714975-3 10/08/21 02:28

Analyte	MB Result ug/l	MB Qualifier	MB MDL ug/l	MB RDL ug/l
Isopropylbenzene	U		0.105	0.350
p-Isopropyltoluene	U		0.120	0.400
2-Butanone (MEK)	U		1.19	3.97
Methylene Chloride	U		0.430	1.43
4-Methyl-2-pentanone (MIBK)	U		0.478	1.59
Methyl tert-butyl ether	U		0.101	0.337
Naphthalene	U		1.00	3.33
n-Propylbenzene	U		0.0993	0.331
Styrene	U		0.118	0.393
1,1,1,2-Tetrachloroethane	U		0.147	0.490
1,1,2,2-Tetrachloroethane	U		0.133	0.443
Tetrachloroethene	U		0.300	1.00
Tetrahydrofuran	U		0.929	3.10
Toluene	U		0.278	0.927
1,1,2-Trichlorotrifluoroethane	U		0.180	0.600
1,2,3-Trichlorobenzene	0.276	U	0.230	0.767
1,2,4-Trichlorobenzene	U		0.481	1.60
1,1,1-Trichloroethane	U		0.149	0.497
1,1,2-Trichloroethane	U		0.158	0.527
Trichloroethene	U		0.190	0.633
Trichlorofluoromethane	U		0.160	0.533
1,2,3-Trichloropropane	U		0.237	0.790
1,2,4-Trimethylbenzene	U		0.322	1.07
1,3,5-Trimethylbenzene	U		0.104	0.347
Vinyl chloride	U		0.234	0.780
Xylenes, Total	U		0.174	0.580
Allyl Chloride	U		0.500	1.67
(S) Toluene-d8	115			80.0-120
(S) 4-Bromofluorobenzene	107			77.0-126
(S) 1,2-Dichloroethane-d4	99.1			70.0-130

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3714975-1 10/08/21 01:29 • (LCSD) R3714975-2 10/08/21 01:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Acetone	25.0	19.6	18.6	78.4	74.4	19.0-160			5.24	27
Benzene	5.00	4.82	4.87	96.4	97.4	70.0-123			1.03	20
Bromobenzene	5.00	4.49	4.58	89.8	91.6	73.0-121			1.98	20

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3714975-1 10/08/21 01:29 • (LCSD) R3714975-2 10/08/21 01:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD %	RPD Limits %
Bromodichloromethane	5.00	4.75	4.96	95.0	99.2	75.0-120			4.33	20
Bromochloromethane	5.00	5.80	5.63	116	113	76.0-122			2.97	20
Bromoform	5.00	4.80	4.65	96.0	93.0	68.0-132			3.17	20
Bromomethane	5.00	5.76	5.56	115	111	30.0-160			3.53	25
n-Butylbenzene	5.00	4.83	4.90	96.6	98.0	73.0-125			1.44	20
sec-Butylbenzene	5.00	4.78	4.92	95.6	98.4	75.0-125			2.89	20
tert-Butylbenzene	5.00	4.54	4.97	90.8	99.4	76.0-124			9.04	20
Carbon tetrachloride	5.00	4.77	4.80	95.4	96.0	68.0-126			0.627	20
Chlorobenzene	5.00	4.71	4.92	94.2	98.4	80.0-121			4.36	20
Chlorodibromomethane	5.00	4.80	4.96	96.0	99.2	77.0-125			3.28	20
Chloroethane	5.00	5.02	5.13	100	103	47.0-150			2.17	20
Chloroform	5.00	4.94	4.98	98.8	99.6	73.0-120			0.806	20
Chloromethane	5.00	4.32	4.52	86.4	90.4	41.0-142			4.52	20
2-Chlorotoluene	5.00	4.47	4.85	89.4	97.0	76.0-123			8.15	20
4-Chlorotoluene	5.00	4.61	4.98	92.2	99.6	75.0-122			7.72	20
1,2-Dibromo-3-Chloropropane	5.00	4.67	4.93	93.4	98.6	58.0-134			5.42	20
1,2-Dibromoethane	5.00	4.70	5.22	94.0	104	80.0-122			10.5	20
Dibromomethane	5.00	5.06	5.30	101	106	80.0-120			4.63	20
1,2-Dichlorobenzene	5.00	5.15	5.12	103	102	79.0-121			0.584	20
1,3-Dichlorobenzene	5.00	5.02	5.20	100	104	79.0-120			3.52	20
1,4-Dichlorobenzene	5.00	4.55	5.06	91.0	101	79.0-120			10.6	20
Dichlorodifluoromethane	5.00	4.61	4.44	92.2	88.8	51.0-149			3.76	20
Dichlorofluoromethane	5.00	4.78	5.10	95.6	102	65.0-133			6.48	20
1,1-Dichloroethane	5.00	4.81	5.07	96.2	101	70.0-126			5.26	20
1,2-Dichloroethane	5.00	5.10	5.12	102	102	70.0-128			0.391	20
1,1-Dichloroethene	5.00	4.70	4.49	94.0	89.8	71.0-124			4.57	20
cis-1,2-Dichloroethene	5.00	4.48	4.93	89.6	98.6	73.0-120			9.56	20
trans-1,2-Dichloroethene	5.00	4.59	4.62	91.8	92.4	73.0-120			0.651	20
1,2-Dichloropropane	5.00	5.07	5.45	101	109	77.0-125			7.22	20
1,1-Dichloropropene	5.00	4.78	4.89	95.6	97.8	74.0-126			2.28	20
1,3-Dichloropropane	5.00	4.83	5.06	96.6	101	80.0-120			4.65	20
cis-1,3-Dichloropropene	5.00	4.71	4.97	94.2	99.4	80.0-123			5.37	20
trans-1,3-Dichloropropene	5.00	4.47	5.06	89.4	101	78.0-124			12.4	20
2,2-Dichloropropane	5.00	4.45	4.32	89.0	86.4	58.0-130			2.96	20
Ethylbenzene	5.00	4.70	5.03	94.0	101	79.0-123			6.78	20
Ethyl ether	5.00	4.99	5.22	99.8	104	66.0-130			4.51	20
Hexachloro-1,3-butadiene	5.00	4.41	4.65	88.2	93.0	54.0-138			5.30	20
Isopropylbenzene	5.00	4.54	4.62	90.8	92.4	76.0-127			1.75	20
p-Isopropyltoluene	5.00	4.68	4.75	93.6	95.0	76.0-125			1.48	20
2-Butanone (MEK)	25.0	19.6	17.7	78.4	70.8	44.0-160			10.2	20

<sup>1</sup>Cp

<sup>2</sup>Tc

<sup>3</sup>Ss

<sup>4</sup>Cn

<sup>5</sup>Sr

<sup>6</sup>Qc

<sup>7</sup>Gl

<sup>8</sup>Al

<sup>9</sup>Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3714975-1 10/08/21 01:29 • (LCSD) R3714975-2 10/08/21 01:49

Analyte	Spike Amount ug/l	LCS Result ug/l	LCSD Result ug/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Methylene Chloride	5.00	5.15	5.29	103	106	67.0-120			2.68	20
4-Methyl-2-pentanone (MIBK)	25.0	24.8	25.2	99.2	101	68.0-142			1.60	20
Methyl tert-butyl ether	5.00	5.18	5.28	104	106	68.0-125			1.91	20
Naphthalene	5.00	4.48	5.45	89.6	109	54.0-135			19.5	20
n-Propylbenzene	5.00	4.39	4.80	87.8	96.0	77.0-124			8.92	20
Styrene	5.00	4.73	4.92	94.6	98.4	73.0-130			3.94	20
1,1,1,2-Tetrachloroethane	5.00	4.56	4.88	91.2	97.6	75.0-125			6.78	20
1,1,2,2-Tetrachloroethane	5.00	4.48	4.69	89.6	93.8	65.0-130			4.58	20
Tetrachloroethene	5.00	4.67	4.81	93.4	96.2	72.0-132			2.95	20
Tetrahydrofuran	5.00	4.52	4.54	90.4	90.8	41.0-146			0.442	20
Toluene	5.00	4.72	4.77	94.4	95.4	79.0-120			1.05	20
1,1,2-Trichlorotrifluoroethane	5.00	5.06	4.79	101	95.8	69.0-132			5.48	20
1,2,3-Trichlorobenzene	5.00	4.60	5.52	92.0	110	50.0-138			18.2	20
1,2,4-Trichlorobenzene	5.00	4.85	5.37	97.0	107	57.0-137			10.2	20
1,1,1-Trichloroethane	5.00	4.67	4.83	93.4	96.6	73.0-124			3.37	20
1,1,2-Trichloroethane	5.00	4.69	5.05	93.8	101	80.0-120			7.39	20
Trichloroethene	5.00	4.90	5.22	98.0	104	78.0-124			6.32	20
Trichlorofluoromethane	5.00	4.86	4.87	97.2	97.4	59.0-147			0.206	20
1,2,3-Trichloropropane	5.00	4.61	5.27	92.2	105	73.0-130			13.4	20
1,2,4-Trimethylbenzene	5.00	4.48	4.89	89.6	97.8	76.0-121			8.75	20
1,3,5-Trimethylbenzene	5.00	4.42	4.62	88.4	92.4	76.0-122			4.42	20
Vinyl chloride	5.00	4.87	4.95	97.4	99.0	67.0-131			1.63	20
Xylenes, Total	15.0	13.6	14.8	90.7	98.7	79.0-123			8.45	20
Allyl chloride	25.0	25.0	25.2	100	101	72.0-128			0.797	20
(S) Toluene-d8				101	103	80.0-120				
(S) 4-Bromofluorobenzene				93.1	99.1	77.0-126				
(S) 1,2-Dichloroethane-d4				105	102	70.0-130				

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc



# GLOSSARY OF TERMS

## Guide to Reading and Understanding Your Laboratory Report

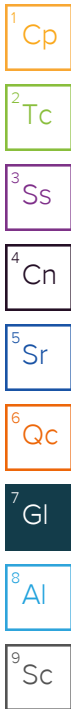
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

### Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
C3	The reported concentration is an estimate. The continuing calibration standard associated with this data responded low. Method sensitivity check is acceptable.
J	The identification of the analyte is acceptable; the reported value is an estimate.



# ACCREDITATIONS & LOCATIONS

## Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico <sup>1</sup>	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina <sup>1</sup>	DW21704
Georgia	NELAP	North Carolina <sup>3</sup>	41
Georgia <sup>1</sup>	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky <sup>1,6</sup>	KY90010	South Carolina	84004002
Kentucky <sup>2</sup>	16	South Dakota	n/a
Louisiana	AI30792	Tennessee <sup>1,4</sup>	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas <sup>5</sup>	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 <sup>5</sup>	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

<sup>1</sup> Drinking Water <sup>2</sup> Underground Storage Tanks <sup>3</sup> Aquatic Toxicity <sup>4</sup> Chemical/Microbiological <sup>5</sup> Mold <sup>6</sup> Wastewater n/a Accreditation not applicable

\* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

\* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

<sup>1</sup> Cp

<sup>2</sup> Tc

<sup>3</sup> Ss

<sup>4</sup> Cn

<sup>5</sup> Sr

<sup>6</sup> Qc

<sup>7</sup> Gl

<sup>8</sup> Al

<sup>9</sup> Sc



# MSA Professional Services

332 W. Superior Street, Suite 600  
Duluth, MN 55802

### Billing Information:

332 W. Superior St, Ste. 600  
Duluth, MN 55802

Pres  
Chk

### Analysis / Container / Preservative



12065 Lebanon Rd  
Mount Juliet, TN 37122  
Phone: 615-758-5858  
Phone: 800-767-5859  
Fax: 615-758-5859



### Report to:

Erica Klingfus

### Email To:

eklingfus@msa-ps.com

### Project Description:

Laundry Basket

### City/State

Collected: Luck, WI

### Please Circle:

PT MT **CT** ET

Phone: 218-722-3915

### Client Project #

04080801

### Lab Project #

### Collected by (print):

Erica Klingfus

### Site/Facility ID #

### P.O. #

### Collected by (signature):

*[Signature]*

### Rush? (Lab MUST Be Notified)

Same Day  Five Day  
 Next Day  5 Day (Rad Only)  
 Two Day  10 Day (Rad Only)  
 Three Day

### Quote #

### Date Results Needed

No.  
of  
Cnts

Immediately  
Packed on Ice N  Y

### Sample ID

### Comp/Grab

### Matrix \*

### Depth

### Date

### Time

### No. of Cnts

Duplicate

G

GW

-

9/24/21

1340

3

9 10 11

### SDG #

140244

### Table #

### Acctnum: MSAPRODMN

### Template:

### Prelogin:

PM: 341 - John Hawkins

### PB:

### Shipped Via:

### Remarks

### Sample # (lab only)

-11

### \* Matrix:

SS - Soil AIR - Air F - Filter  
GW - Groundwater B - Bioassay  
WW - WasteWater  
DW - Drinking Water  
OT - Other \_\_\_\_\_

### Remarks:

pH \_\_\_\_\_ Temp \_\_\_\_\_

Flow \_\_\_\_\_ Other \_\_\_\_\_

### Samples returned via:

UPS  FedEx  Courier \_\_\_\_\_

### Tracking #

" "

### Sample Receipt Checklist

COC Seal Present/Intact:  Y  N  
COC Signed/Accurate:  Y  N  
Bottles arrive intact:  Y  N  
Correct bottles used:  Y  N  
Sufficient volume sent:  Y  N  
**If Applicable**  
VOA Zero Headspace:  Y  N  
Preservation Correct/Checked:  Y  N  
RAD Screen <0.5 mR/hr:  Y  N

### Relinquished by: (Signature)

*[Signature]*

### Date:

9/21/21

### Time:

900

### Received by: (Signature)

*[Signature]*

### Trip Blank Received: Yes / No

HCL / MeOH  
TBR

### Relinquished by: (Signature)

*[Signature]*

### Date:

### Time:

### Received by: (Signature)

*[Signature]*

### Temp: *APHC*

1.8 ± 0.18

### Bottles Received:

33

### If preservation required by Login: Date/Time

### Relinquished by: (Signature)

*[Signature]*

### Date:

### Time:

### Received for lab by: (Signature)

*[Signature]*

### Date:

9/28/21

### Time:

930

### Hold:

### Condition:

NCF  OK