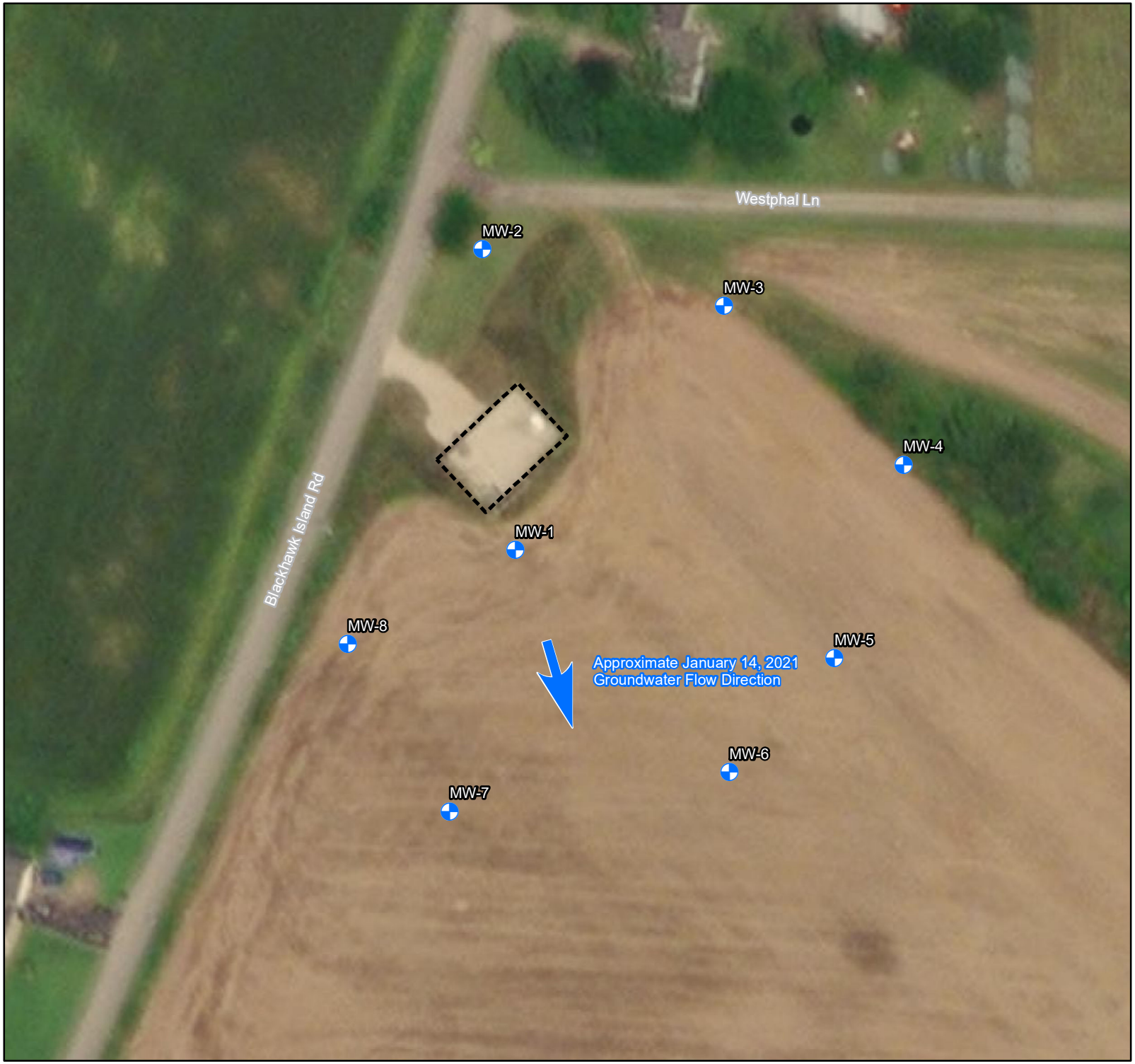

ENBRIDGE

Figure 1- Monitoring Well Layout Map
MP 312 Valve Station
Line 13 MP 312

Legend

- Monitoring Well
- MW-1 Well ID
- Fenced Valve Site

N

0 125 Feet
1 inch = 125 feet

Prepared by:
AECOM
230 West Superior Street, Suite 400
Duluth, MN 55802

Drawn:	WJM 2/16/2021
Approved:	DRA 2/16/2021
Scale:	1:1,500
Project No:	60626859
Figure No:	1

Document Path: C:\Users\william.montz\Desktop\GIS\MP 312\Map_Docs\Figures\January_2021_GW_Memo\Figure 1- Site Layout.mxd

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Groundwater Analytical Results
Line 13 MP312 Valve Station
Fort Atkinson, Wisconsin
AECOM Project No. 60626859

	ES	PAL	MW-1		MW-2		MW-3		MW-4	
Analyte			10/9/2020	1/15/2021	10/8/2020	1/14/2021	10/8/2020	1/14/2021	10/8/2020	1/14/2021
Petroleum Hydrocarbons (ug/L)										
GRO			NA	42900	NA	<30.5	NA	<30.5	NA	<30.5
VOCs (ug/L)										
Benzene	5	0.5	**23700**	**24400**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
Bromobenzene	--	--	<48.2	<48.2	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Bromochloromethane	--	--	<72.4	<72.4	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<72.7	<72.7	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Bromoform	4.4	0.44	<794	<794	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Bromomethane	10	1	<194	<194	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
n-Butylbenzene	--	--	<142	<142	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
sec-Butylbenzene	--	--	<170	<170	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
tert-Butylbenzene	--	--	<60.8	<60.8	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Carbon tetrachloride	5	0.5	<215	<215	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Chlorobenzene	100	20	<142	<142	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
Chloroethane	400	80	<268	<268	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Chloroform	6	0.6	<255	<255	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Chloromethane	30	3	<438	<438	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
2-Chlorotoluene	--	--	<185	<185	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
4-Chlorotoluene	--	--	<151	<151	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<353	<353	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Dibromochloromethane	60	6	<520	<520	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	<166	<166	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
Dibromomethane	--	--	<187	<187	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<141	<141	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<126	<126	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<189	<189	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
Dichlorodifluoromethane	1000	200	<99.9	<99.9	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<54.5	<54.5	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<56.0	<56.0	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<49.0	<49.0	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<54.2	<54.2	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	<92.8	<92.8	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2-Dichloropropane	5	0.5	<56.6	<56.6	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,3-Dichloropropane	--	--	<165	<165	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
2,2-Dichloropropane	--	--	<453	<453	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
1,1-Dichloropropene	--	--	<108	<108	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<726	<726	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<874		<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
Diisopropyl ether	--	--	<378	<378	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Ethylbenzene	700	140	*222*	*244*	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Hexachloro-1,3-butadiene	--	--	<293	<293	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Isopropylbenzene (Cumene)	--	--	<337	<337	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
p-Isopropyltoluene	--	--	<160	<160	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Methylene Chloride	5	0.5	<116	<116	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Methyl-tert-butyl ether	60	12	<249	<249	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Naphthalene	100	10	<235	<235	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
n-Propylbenzene	--	--	<162	<162	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
Styrene	100	10	<602	<602	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
1,1,1,2-Tetrachloroethane	70	7	<53.8	<53.8	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<55.1	<55.1	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Tetrachloroethene	5	0.5	<65.3	<65.3	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Toluene	800	160	**7650**	**10400**	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,2,3-Trichlorobenzene	--	--	<442	<442	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2,4-Trichlorobenzene	70	14	<190	<190	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<49.0	<49.0	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<110	<110	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
Trichloroethene	5	0.5	<51.0	<51.0	<0.26	<0.26	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	3490	698	<43.0	<0.43	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<118	<118	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
1,2,4-Trimethylbenzene	480	96	<168	<168	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
1,3,5-Trimethylbenzene	480	96	<175	<175	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
Vinyl chloride	0.2	0.02	<34.9	<34.9	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
m&p-Xylene	--	--	412	441	<0.47	<1.5	<0.47	<1.5	<0.47	<1.5
o-Xylene	--	--	316	334	<0.26	<0.47	<0.26	<0.47	<0.26	<0.47
Xylene, Total (Calculated)	2000	400	*728*	*775*	<0.73	<0.26	<0.73	<0.26	<0.73	<0.26

General Notes:
Shaded = Regulatory exceedance
Underline Bold = ES exceedance
Underline/italics = PAL exceedance

Acronyms and Abbreviations:
ES = Enforcement Standard, Wisconsin Administrative Code NR 140.10 Table 1, February 2017
ug/L= micrograms per liter
NA = not analyzed
PAL = Preventive Action Limit, Wisconsin Administrative Code NR 140.10 Table 1, February 2017
VOC = volatile organic compounds
J = Estimated concentration at or above the Limit of Detection and below the Limit of Quantitation

Table 8
Groundwater Analytical Results
Line 13 MP312 Valve Station
Fort Atkinson, Wisconsin
AECOM Project No. 60626859

	ES	PAL	MW-5		MW-6		MW-7		MW-8	
Analyte			10/8/2020	1/14/2021	10/8/2020	1/14/2021	10/9/2020	1/14/2021	10/9/2020	1/14/2021
Petroleum Hydrocarbons (ug/L)										
GRO			NA	<30.5	NA	<30.5	NA	<30.5	NA	<30.5
VOCs (ug/L)										
Benzene	5	0.5	<0.25	<0.25	<0.25	0.34 J	<0.25	<0.25	<0.25	<0.25
Bromobenzene	--	--	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
Bromochloromethane	--	--	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97	<0.97
n-Butylbenzene	--	--	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
sec-Butylbenzene	--	--	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85	<0.85
tert-Butylbenzene	--	--	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30	<0.30
Carbon tetrachloride	5	0.5	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1
Chlorobenzene	100	20	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
2-Chlorotoluene	--	--	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93	<0.93
4-Chlorotoluene	--	--	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
Dibromomethane	--	--	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94	<0.94
Dichlorodifluoromethane	1000	200	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46	<0.46
1,2-Dichloropropane	5	0.5	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
1,3-Dichloropropane	--	--	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83	<0.83
2,2-Dichloropropane	--	--	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3	<2.3
1,1-Dichloropropene	--	--	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4	<4.4
Diisopropyl ether	--	--	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9	<1.9
Ethylbenzene	700	140	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Hexachloro-1,3-butadiene	--	--	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Isopropylbenzene (Cumene)	--	--	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
p-Isopropyltoluene	--	--	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58
Methyl-tert-butyl ether	60	12	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
n-Propylbenzene	--	--	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81	<0.81
Styrene	100	10	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28	<0.28
Tetrachloroethene	5	0.5	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33	<0.33
Toluene	800	160	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27	<0.27
1,2,3-Trichlorobenzene	--	--	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2	<2.2
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55	<0.55
Trichloroethene	5	0.5	<0.26	<0.26	*1.0*	*1.7*	<0.26	<0.26	<0.26	<0.26
Trichlorofluoromethane	3490	698	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59	<0.59
1,2,4-Trimethylbenzene	480	96	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84	<0.84
1,3,5-Trimethylbenzene	480	96	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87	<0.87
Vinyl chloride	0.2	0.02	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
m&p-Xylene	--	--	<0.47	<1.5	<0.47	<1.5	<0.47	<1.5	<0.47	<1.5
o-Xylene	--	--	<0.26	<0.47	<0.26	<0.47	<0.26	<0.47	<0.26	<0.47
Xylene, Total (Calculated)	2000	400	<0.73	<0.26	<0.73	<0.26	<0.73	<0.26	<0.73	<0.26

General Notes:
Shaded = Regulatory exceedance
Underline Bold = ES exceedance
Underline/italics = PAL exceedance

Acronyms and Abbreviations:
ES = Enforcement Standard, Wisconsin Adminis
ug/L= micrograms per liter
NA = not analyzed
PAL = Preventive Action Limit, Wisconsin Admin
VOC = volatile organic compounds
J = Estimated concentration at or above the

Table 8
Groundwater Analytical Results
Line 13 MP312 Valve Station
Fort Atkinson, Wisconsin
AECOM Project No. 60626859

Analyte	ES	PAL	DUP 20201009 (MW-8)	MW-8 Dup	MACLEOD RESIDENCE	MACLEOD RESIDENCE DUP	Field Blank	Trip Blank
			10/9/2020	1/15/2021	10/2/2020	10/2/2020	1/15/2021	1/15/2021
Petroleum Hydrocarbons (ug/L)								
GRO			NA	<30.5	<30.5	<30.5	<30.5	NA
VOCs (ug/L)								
Benzene	5	0.5	<0.25	<0.25	<0.31	<0.31	<0.25	<0.25
Bromobenzene	--	--	<0.24	<0.24	NA	NA	<0.24	<0.24
Bromochloromethane	--	--	<0.36	<0.36	NA	NA	<0.36	<0.36
Bromodichloromethane	0.6	0.06	<0.36	<0.36	NA	NA	<0.36	<0.36
Bromoform	4.4	0.44	<4.0	<4.0	NA	NA	<4.0	<4.0
Bromomethane	10	1	<0.97	<0.97	NA	NA	<0.97	<0.97
n-Butylbenzene	--	--	<0.71	<0.71	NA	NA	<0.71	<0.71
sec-Butylbenzene	--	--	<0.85	<0.85	NA	NA	<0.85	<0.85
tert-Butylbenzene	--	--	<0.30	<0.30	NA	NA	<0.30	<0.30
Carbon tetrachloride	5	0.5	<1.1	<1.1	NA	NA	<1.1	<1.1
Chlorobenzene	100	20	<0.71	<0.71	NA	NA	<0.71	<0.71
Chloroethane	400	80	<1.3	<1.3	NA	NA	<1.3	<1.3
Chloroform	6	0.6	<1.3	<1.3	NA	NA	<1.3	<1.3
Chloromethane	30	3	<2.2	<2.2	NA	NA	<2.2	<2.2
2-Chlorotoluene	--	--	<0.93	<0.93	NA	NA	<0.93	<0.93
4-Chlorotoluene	--	--	<0.76	<0.76	NA	NA	<0.76	<0.76
1,2-Dibromo-3-chloropropane	0.2	0.02	<1.8	<1.8	NA	NA	<1.8	<1.8
Dibromochloromethane	60	6	<2.6	<2.6	NA	NA	<2.6	<2.6
1,2-Dibromoethane (EDB)	0.05	0.005	<0.83	<0.83	NA	NA	<0.83	<0.83
Dibromomethane	--	--	<0.94	<0.94	NA	NA	<0.94	<0.94
1,2-Dichlorobenzene	600	60	<0.71	<0.71	NA	NA	<0.71	<0.71
1,3-Dichlorobenzene	600	120	<0.63	<0.63	NA	NA	<0.63	<0.63
1,4-Dichlorobenzene	75	15	<0.94	<0.94	NA	NA	<0.94	<0.94
Dichlorodifluoromethane	1000	200	<0.50	<0.50	NA	NA	<0.50	<0.50
1,1-Dichloroethane	850	85	<0.27	<0.27	NA	NA	<0.27	<0.27
1,2-Dichloroethane	5	0.5	<0.28	<0.28	NA	NA	<0.28	<0.28
1,1-Dichloroethene	7	0.7	<0.24	<0.24	NA	NA	<0.24	<0.24
cis-1,2-Dichloroethene	70	7	<0.27	<0.27	NA	NA	<0.27	<0.27
trans-1,2-Dichloroethene	100	20	<0.46	<0.46	NA	NA	<0.46	<0.46
1,2-Dichloropropane	5	0.5	<0.28	<0.28	NA	NA	<0.28	<0.28
1,3-Dichloropropane	--	--	<0.83	<0.83	NA	NA	<0.83	<0.83
2,2-Dichloropropane	--	--	<2.3	<2.3	NA	NA	<2.3	<2.3
1,1-Dichloropropene	--	--	<0.54	<0.54	NA	NA	<0.54	<0.54
cis-1,3-Dichloropropene	0.4	0.04	<3.6	<3.6	NA	NA	<3.6	<3.6
trans-1,3-Dichloropropene	0.4	0.04	<4.4	<4.4	NA	NA	<4.4	<4.4
Diisopropyl ether	--	--	<1.9	<1.9	NA	NA	<1.9	<1.9
Ethylbenzene	700	140	<0.32	<0.32	<0.33	<0.33	<0.32	<0.32
Hexachloro-1,3-butadiene	--	--	<1.5	<1.5	NA	NA	<1.5	<1.5
Isopropylbenzene (Cumene)	--	--	<1.7	<1.7	NA	NA	<1.7	<1.7
p-Isopropyltoluene	--	--	<0.80	<0.80	NA	NA	<0.80	<0.80
Methylene Chloride	5	0.5	<0.58	<0.58	NA	NA	<0.58	<0.58
Methyl-tert-butyl ether	60	12	<1.2	<1.2	NA	NA	<1.2	<1.2
Naphthalene	100	10	<1.2	<1.2	NA	NA	<1.2	<1.2
n-Propylbenzene	--	--	<0.81	<0.81	NA	NA	<0.81	<0.81
Styrene	100	10	<3.0	<3.0	NA	NA	<3.0	<3.0
1,1,1,2-Tetrachloroethane	70	7	<0.27	<0.27	NA	NA	<0.27	<0.27
1,1,2,2-Tetrachloroethane	0.2	0.02	<0.28	<0.28	NA	NA	<0.28	<0.28
Tetrachloroethene	5	0.5	<0.33	<0.33	NA	NA	<0.33	<0.33
Toluene	800	160	<0.27	<0.27	<0.16	<0.16	<0.27	<0.27
1,2,3-Trichlorobenzene	--	--	<2.2	<2.2	NA	NA	<2.2	<2.2
1,2,4-Trichlorobenzene	70	14	<0.95	<0.95	NA	NA	<0.95	<0.95
1,1,1-Trichloroethane	200	40	<0.24	<0.24	NA	NA	<0.24	<0.24
1,1,2-Trichloroethane	5	0.5	<0.55	<0.55	NA	NA	<0.55	<0.55
Trichloroethene	5	0.5	<0.26	<0.26	NA	NA	<0.26	<0.26
Trichlorofluoromethane	3490	698	<0.21	<0.21	NA	NA	<0.21	<0.21
1,2,3-Trichloropropane	60	12	<0.59	<0.59	NA	NA	<0.59	<0.59
1,2,4-Trimethylbenzene	480	96	<0.84	<0.84	NA	NA	<0.84	<0.84
1,3,5-Trimethylbenzene	480	96	<0.87	<0.87	NA	NA	<0.87	<0.87
Vinyl chloride	0.2	0.02	<0.17	<0.17	NA	NA	<0.17	<0.17
m&p-Xylene	--	--	<0.47	<1.5	<0.32	<0.32	<1.5	<1.5
o-Xylene	--	--	<0.26	<0.47	<0.15	<0.15	<0.47	<0.47
Xylene, Total (Calculated)	2000	400	<0.73	<0.26	<0.47	<0.47	<0.26	<0.26

General Notes:
Shaded = Regulatory exceedance
Underline Bold = ES exceedance
Underline/italics = PAL exceedance

Acronyms and Abbreviations:
ES = Enforcement Standard, Wisconsin Adminis
ug/L= micrograms per liter
NA = not analyzed
PAL = Preventive Action Limit, Wisconsin Admin
VOC = volatile organic compounds
J = Estimated concentration at or above the

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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January 21, 2021

Darin Albrecht
AECOM
Duluth Technology Village
11 E. Superior St, Suite 150
Duluth, MN 55802

RE: Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Dear Darin Albrecht:

Enclosed are the analytical results for sample(s) received by the laboratory on January 16, 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,

Christopher Hyska
christopher.hyska@pacelabs.com
(920)469-2436
Project Manager

Enclosures

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CERTIFICATIONS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

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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SAMPLE SUMMARY

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40221094001	**MW-1**	Water	01/15/21 12:45	01/16/21 08:30
40221094002	**MW-2**	Water	01/14/21 13:00	01/16/21 08:30
40221094003	**MW-3**	Water	01/14/21 14:30	01/16/21 08:30
40221094004	**MW-4**	Water	01/14/21 15:30	01/16/21 08:30
40221094005	**MW-5**	Water	01/14/21 16:15	01/16/21 08:30
40221094006	**MW-6**	Water	01/15/21 12:00	01/16/21 08:30
40221094007	**MW-7**	Water	01/15/21 12:15	01/16/21 08:30
40221094008	**MW-8**	Water	01/15/21 12:30	01/16/21 08:30
40221094009	**MW-8-DUP**	Water	01/15/21 12:30	01/16/21 08:30
40221094010	**FB**	Water	01/15/21 11:45	01/16/21 08:30
40221094011	**TB**	Water	01/15/21 14:00	01/16/21 08:30

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SAMPLE ANALYTE COUNT

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40221094001	**MW-1**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	LAP	65	PASI-G
40221094002	**MW-2**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	LAP	65	PASI-G
40221094003	**MW-3**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	LAP	65	PASI-G
40221094004	**MW-4**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	LAP	65	PASI-G
40221094005	**MW-5**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	LAP	65	PASI-G
40221094006	**MW-6**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	HNW	65	PASI-G
40221094007	**MW-7**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	HNW	65	PASI-G
40221094008	**MW-8**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	HNW	65	PASI-G
40221094009	**MW-8-DUP**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	HNW	65	PASI-G
40221094010	**FB**	WI MOD GRO	ALD	1	PASI-G
		EPA 8260	HNW	65	PASI-G
40221094011	**TB**	EPA 8260	HNW	65	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40221094001	**MW-1**					
WI MOD GRO	Gasoline Range Organics	42900	ug/L	5000	01/20/21 11:20	G-
EPA 8260	Benzene	24400	ug/L	200	01/18/21 08:22	
EPA 8260	Ethylbenzene	244	ug/L	212	01/18/21 08:22	
EPA 8260	Toluene	10400	ug/L	200	01/18/21 08:22	
EPA 8260	Xylene (Total)	775	ug/L	600	01/18/21 08:22	
EPA 8260	m&p-Xylene	441	ug/L	400	01/18/21 08:22	
EPA 8260	o-Xylene	334	ug/L	200	01/18/21 08:22	
40221094006	**MW-6**					
EPA 8260	Benzene	0.34J	ug/L	1.0	01/19/21 15:36	
EPA 8260	Trichloroethene	1.7	ug/L	1.0	01/19/21 15:36	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-1 **Lab ID: 40221094001** Collected: 01/15/21 12:45 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**42900**	ug/L	5000	1520	50		01/20/21 11:20		G-
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<53.8**	ug/L	200	53.8	200		01/18/21 08:22	630-20-6	
1,1,1-Trichloroethane	**<49.0**	ug/L	200	49.0	200		01/18/21 08:22	71-55-6	
1,1,2,2-Tetrachloroethane	**<55.1**	ug/L	200	55.1	200		01/18/21 08:22	79-34-5	
1,1,2-Trichloroethane	**<110**	ug/L	1000	110	200		01/18/21 08:22	79-00-5	
1,1-Dichloroethane	**<54.5**	ug/L	200	54.5	200		01/18/21 08:22	75-34-3	
1,1-Dichloroethene	**<49.0**	ug/L	200	49.0	200		01/18/21 08:22	75-35-4	
1,1-Dichloropropene	**<108**	ug/L	360	108	200		01/18/21 08:22	563-58-6	
1,2,3-Trichlorobenzene	**<442**	ug/L	1470	442	200		01/18/21 08:22	87-61-6	
1,2,3-Trichloropropane	**<118**	ug/L	1000	118	200		01/18/21 08:22	96-18-4	
1,2,4-Trichlorobenzene	**<190**	ug/L	1000	190	200		01/18/21 08:22	120-82-1	
1,2,4-Trimethylbenzene	**<168**	ug/L	560	168	200		01/18/21 08:22	95-63-6	
1,2-Dibromo-3-chloropropane	**<353**	ug/L	1180	353	200		01/18/21 08:22	96-12-8	
1,2-Dibromoethane (EDB)	**<166**	ug/L	553	166	200		01/18/21 08:22	106-93-4	
1,2-Dichlorobenzene	**<141**	ug/L	470	141	200		01/18/21 08:22	95-50-1	
1,2-Dichloroethane	**<56.0**	ug/L	200	56.0	200		01/18/21 08:22	107-06-2	
1,2-Dichloropropane	**<56.6**	ug/L	200	56.6	200		01/18/21 08:22	78-87-5	
1,3,5-Trimethylbenzene	**<175**	ug/L	582	175	200		01/18/21 08:22	108-67-8	
1,3-Dichlorobenzene	**<126**	ug/L	419	126	200		01/18/21 08:22	541-73-1	
1,3-Dichloropropane	**<165**	ug/L	551	165	200		01/18/21 08:22	142-28-9	
1,4-Dichlorobenzene	**<189**	ug/L	629	189	200		01/18/21 08:22	106-46-7	
2,2-Dichloropropane	**<453**	ug/L	1510	453	200		01/18/21 08:22	594-20-7	
2-Chlorotoluene	**<185**	ug/L	1000	185	200		01/18/21 08:22	95-49-8	
4-Chlorotoluene	**<151**	ug/L	504	151	200		01/18/21 08:22	106-43-4	
Benzene	**24400**	ug/L	200	49.3	200		01/18/21 08:22	71-43-2	
Bromobenzene	**<48.2**	ug/L	200	48.2	200		01/18/21 08:22	108-86-1	
Bromochloromethane	**<72.4**	ug/L	1000	72.4	200		01/18/21 08:22	74-97-5	
Bromodichloromethane	**<72.7**	ug/L	242	72.7	200		01/18/21 08:22	75-27-4	
Bromoform	**<794**	ug/L	2650	794	200		01/18/21 08:22	75-25-2	
Bromomethane	**<194**	ug/L	1000	194	200		01/18/21 08:22	74-83-9	
Carbon tetrachloride	**<215**	ug/L	718	215	200		01/18/21 08:22	56-23-5	
Chlorobenzene	**<142**	ug/L	474	142	200		01/18/21 08:22	108-90-7	
Chloroethane	**<268**	ug/L	1000	268	200		01/18/21 08:22	75-00-3	
Chloroform	**<255**	ug/L	1000	255	200		01/18/21 08:22	67-66-3	
Chloromethane	**<438**	ug/L	1460	438	200		01/18/21 08:22	74-87-3	
Dibromochloromethane	**<520**	ug/L	1730	520	200		01/18/21 08:22	124-48-1	
Dibromomethane	**<187**	ug/L	625	187	200		01/18/21 08:22	74-95-3	
Dichlorodifluoromethane	**<99.9**	ug/L	1000	99.9	200		01/18/21 08:22	75-71-8	
Diisopropyl ether	**<378**	ug/L	1260	378	200		01/18/21 08:22	108-20-3	
Ethylbenzene	**244**	ug/L	212	63.7	200		01/18/21 08:22	100-41-4	
Hexachloro-1,3-butadiene	**<293**	ug/L	976	293	200		01/18/21 08:22	87-68-3	
Isopropylbenzene (Cumene)	**<337**	ug/L	1120	337	200		01/18/21 08:22	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-1 **Lab ID: 40221094001** Collected: 01/15/21 12:45 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<249**	ug/L	831	249	200		01/18/21 08:22	1634-04-4	
Methylene Chloride	**<116**	ug/L	1000	116	200		01/18/21 08:22	75-09-2	
Naphthalene	**<235**	ug/L	1000	235	200		01/18/21 08:22	91-20-3	
Styrene	**<602**	ug/L	2010	602	200		01/18/21 08:22	100-42-5	
Tetrachloroethene	**<65.3**	ug/L	218	65.3	200		01/18/21 08:22	127-18-4	
Toluene	**10400**	ug/L	200	53.9	200		01/18/21 08:22	108-88-3	
Trichloroethene	**<51.0**	ug/L	200	51.0	200		01/18/21 08:22	79-01-6	
Trichlorofluoromethane	**<43.0**	ug/L	200	43.0	200		01/18/21 08:22	75-69-4	
Vinyl chloride	**<34.9**	ug/L	200	34.9	200		01/18/21 08:22	75-01-4	
Xylene (Total)	**775**	ug/L	600	300	200		01/18/21 08:22	1330-20-7	
cis-1,2-Dichloroethene	**<54.2**	ug/L	200	54.2	200		01/18/21 08:22	156-59-2	
cis-1,3-Dichloropropene	**<726**	ug/L	2420	726	200		01/18/21 08:22	10061-01-5	
m&p-Xylene	**441**	ug/L	400	93.1	200		01/18/21 08:22	179601-23-1	
n-Butylbenzene	**<142**	ug/L	472	142	200		01/18/21 08:22	104-51-8	
n-Propylbenzene	**<162**	ug/L	1000	162	200		01/18/21 08:22	103-65-1	
o-Xylene	**334**	ug/L	200	52.4	200		01/18/21 08:22	95-47-6	
p-Isopropyltoluene	**<160**	ug/L	533	160	200		01/18/21 08:22	99-87-6	
sec-Butylbenzene	**<170**	ug/L	1000	170	200		01/18/21 08:22	135-98-8	
tert-Butylbenzene	**<60.8**	ug/L	203	60.8	200		01/18/21 08:22	98-06-6	
trans-1,2-Dichloroethene	**<92.8**	ug/L	309	92.8	200		01/18/21 08:22	156-60-5	
trans-1,3-Dichloropropene	**<874**	ug/L	2910	874	200		01/18/21 08:22	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		200		01/18/21 08:22	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		200		01/18/21 08:22	1868-53-7	
Toluene-d8 (S)	107	%	70-130		200		01/18/21 08:22	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-2 **Lab ID: 40221094002** Collected: 01/14/21 13:00 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 13:34		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 13:59	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/18/21 13:59	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 13:59	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/18/21 13:59	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 13:59	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 13:59	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/18/21 13:59	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/18/21 13:59	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/18/21 13:59	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/18/21 13:59	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/18/21 13:59	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/18/21 13:59	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/18/21 13:59	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 13:59	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 13:59	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 13:59	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/18/21 13:59	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/18/21 13:59	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/18/21 13:59	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/18/21 13:59	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/18/21 13:59	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/18/21 13:59	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/18/21 13:59	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/18/21 13:59	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 13:59	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/18/21 13:59	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/18/21 13:59	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/18/21 13:59	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/18/21 13:59	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/18/21 13:59	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 13:59	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/18/21 13:59	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/18/21 13:59	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/18/21 13:59	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/18/21 13:59	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/18/21 13:59	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/18/21 13:59	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/18/21 13:59	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/18/21 13:59	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/18/21 13:59	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/18/21 13:59	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-2 **Lab ID: 40221094002** Collected: 01/14/21 13:00 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/18/21 13:59	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/18/21 13:59	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/18/21 13:59	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/18/21 13:59	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/18/21 13:59	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 13:59	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 13:59	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/18/21 13:59	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/18/21 13:59	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/18/21 13:59	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 13:59	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/18/21 13:59	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/18/21 13:59	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 13:59	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/18/21 13:59	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 13:59	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/18/21 13:59	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/18/21 13:59	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/18/21 13:59	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/18/21 13:59	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/18/21 13:59	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	92	%	70-130		1		01/18/21 13:59	460-00-4	pH
Dibromofluoromethane (S)	102	%	70-130		1		01/18/21 13:59	1868-53-7	
Toluene-d8 (S)	105	%	70-130		1		01/18/21 13:59	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-3 **Lab ID: 40221094003** Collected: 01/14/21 14:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 14:00		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:18	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:18	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/18/21 14:18	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:18	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:18	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/18/21 14:18	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/18/21 14:18	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/18/21 14:18	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/18/21 14:18	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/18/21 14:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/18/21 14:18	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/18/21 14:18	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:18	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:18	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:18	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/18/21 14:18	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/18/21 14:18	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/18/21 14:18	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/18/21 14:18	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/18/21 14:18	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/18/21 14:18	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/18/21 14:18	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/18/21 14:18	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:18	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/18/21 14:18	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/18/21 14:18	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/18/21 14:18	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/18/21 14:18	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/18/21 14:18	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:18	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/18/21 14:18	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/18/21 14:18	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/18/21 14:18	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/18/21 14:18	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/18/21 14:18	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/18/21 14:18	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/18/21 14:18	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/18/21 14:18	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/18/21 14:18	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/18/21 14:18	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-3 **Lab ID: 40221094003** Collected: 01/14/21 14:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/18/21 14:18	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/18/21 14:18	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/18/21 14:18	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/18/21 14:18	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/18/21 14:18	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:18	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 14:18	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/18/21 14:18	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/18/21 14:18	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/18/21 14:18	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:18	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/18/21 14:18	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/18/21 14:18	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:18	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/18/21 14:18	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 14:18	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/18/21 14:18	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/18/21 14:18	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/18/21 14:18	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/18/21 14:18	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/18/21 14:18	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	94	%	70-130		1		01/18/21 14:18	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		01/18/21 14:18	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		01/18/21 14:18	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-4 **Lab ID: 40221094004** Collected: 01/14/21 15:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 14:25		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:37	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:37	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:37	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/18/21 14:37	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:37	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:37	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/18/21 14:37	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/18/21 14:37	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/18/21 14:37	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/18/21 14:37	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/18/21 14:37	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/18/21 14:37	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/18/21 14:37	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:37	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:37	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:37	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/18/21 14:37	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/18/21 14:37	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/18/21 14:37	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/18/21 14:37	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/18/21 14:37	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/18/21 14:37	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/18/21 14:37	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/18/21 14:37	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:37	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/18/21 14:37	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/18/21 14:37	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/18/21 14:37	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/18/21 14:37	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/18/21 14:37	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:37	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/18/21 14:37	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/18/21 14:37	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/18/21 14:37	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/18/21 14:37	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/18/21 14:37	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/18/21 14:37	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/18/21 14:37	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/18/21 14:37	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/18/21 14:37	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/18/21 14:37	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-4 **Lab ID: 40221094004** Collected: 01/14/21 15:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/18/21 14:37	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/18/21 14:37	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/18/21 14:37	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/18/21 14:37	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/18/21 14:37	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:37	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 14:37	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/18/21 14:37	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/18/21 14:37	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/18/21 14:37	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:37	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/18/21 14:37	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/18/21 14:37	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:37	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/18/21 14:37	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 14:37	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/18/21 14:37	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/18/21 14:37	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/18/21 14:37	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/18/21 14:37	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/18/21 14:37	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	93	%	70-130		1		01/18/21 14:37	460-00-4	
Dibromofluoromethane (S)	106	%	70-130		1		01/18/21 14:37	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		01/18/21 14:37	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-5 **Lab ID: 40221094005** Collected: 01/14/21 16:15 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 14:51		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:56	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:56	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:56	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/18/21 14:56	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:56	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:56	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/18/21 14:56	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/18/21 14:56	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/18/21 14:56	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/18/21 14:56	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/18/21 14:56	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/18/21 14:56	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/18/21 14:56	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:56	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:56	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/18/21 14:56	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/18/21 14:56	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/18/21 14:56	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/18/21 14:56	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/18/21 14:56	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/18/21 14:56	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/18/21 14:56	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/18/21 14:56	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/18/21 14:56	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/18/21 14:56	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/18/21 14:56	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/18/21 14:56	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/18/21 14:56	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/18/21 14:56	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/18/21 14:56	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:56	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/18/21 14:56	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/18/21 14:56	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/18/21 14:56	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/18/21 14:56	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/18/21 14:56	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/18/21 14:56	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/18/21 14:56	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/18/21 14:56	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/18/21 14:56	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/18/21 14:56	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-5 **Lab ID: 40221094005** Collected: 01/14/21 16:15 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/18/21 14:56	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/18/21 14:56	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/18/21 14:56	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/18/21 14:56	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/18/21 14:56	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:56	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 14:56	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/18/21 14:56	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/18/21 14:56	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/18/21 14:56	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/18/21 14:56	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/18/21 14:56	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/18/21 14:56	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/18/21 14:56	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/18/21 14:56	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/18/21 14:56	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/18/21 14:56	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/18/21 14:56	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/18/21 14:56	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/18/21 14:56	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/18/21 14:56	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		01/18/21 14:56	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/18/21 14:56	1868-53-7	
Toluene-d8 (S)	104	%	70-130		1		01/18/21 14:56	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-6 **Lab ID: 40221094006** Collected: 01/15/21 12:00 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 15:17		pH
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:36	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/19/21 15:36	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 15:36	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/19/21 15:36	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:36	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 15:36	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/19/21 15:36	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/19/21 15:36	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/19/21 15:36	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/19/21 15:36	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/19/21 15:36	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/19/21 15:36	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/19/21 15:36	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 15:36	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 15:36	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 15:36	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/19/21 15:36	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/19/21 15:36	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/19/21 15:36	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/19/21 15:36	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/19/21 15:36	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/19/21 15:36	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/19/21 15:36	106-43-4	
Benzene	**0.34J**	ug/L	1.0	0.25	1		01/19/21 15:36	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 15:36	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/19/21 15:36	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/19/21 15:36	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/19/21 15:36	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/19/21 15:36	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/19/21 15:36	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 15:36	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/19/21 15:36	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/21 15:36	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/19/21 15:36	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/19/21 15:36	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/19/21 15:36	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/19/21 15:36	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/19/21 15:36	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/19/21 15:36	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/19/21 15:36	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/19/21 15:36	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-6 **Lab ID: 40221094006** Collected: 01/15/21 12:00 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/19/21 15:36	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/19/21 15:36	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/19/21 15:36	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/19/21 15:36	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/19/21 15:36	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:36	108-88-3	
Trichloroethene	**1.7**	ug/L	1.0	0.26	1		01/19/21 15:36	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/19/21 15:36	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/19/21 15:36	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/19/21 15:36	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:36	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/19/21 15:36	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/19/21 15:36	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 15:36	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/19/21 15:36	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 15:36	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/19/21 15:36	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/19/21 15:36	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/19/21 15:36	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/19/21 15:36	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/19/21 15:36	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/19/21 15:36	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/19/21 15:36	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		01/19/21 15:36	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-7 **Lab ID: 40221094007** Collected: 01/15/21 12:15 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 15:42		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:58	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/19/21 15:58	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 15:58	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/19/21 15:58	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:58	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 15:58	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/19/21 15:58	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/19/21 15:58	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/19/21 15:58	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/19/21 15:58	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/19/21 15:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/19/21 15:58	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/19/21 15:58	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 15:58	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 15:58	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 15:58	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/19/21 15:58	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/19/21 15:58	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/19/21 15:58	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/19/21 15:58	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/19/21 15:58	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/19/21 15:58	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/19/21 15:58	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/19/21 15:58	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 15:58	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/19/21 15:58	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/19/21 15:58	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/19/21 15:58	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/19/21 15:58	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/19/21 15:58	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 15:58	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/19/21 15:58	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/21 15:58	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/19/21 15:58	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/19/21 15:58	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/19/21 15:58	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/19/21 15:58	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/19/21 15:58	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/19/21 15:58	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/19/21 15:58	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/19/21 15:58	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-7 **Lab ID: 40221094007** Collected: 01/15/21 12:15 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/19/21 15:58	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/19/21 15:58	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/19/21 15:58	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/19/21 15:58	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/19/21 15:58	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:58	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 15:58	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/19/21 15:58	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/19/21 15:58	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/19/21 15:58	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 15:58	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/19/21 15:58	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/19/21 15:58	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 15:58	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/19/21 15:58	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 15:58	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/19/21 15:58	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/19/21 15:58	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/19/21 15:58	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/19/21 15:58	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/19/21 15:58	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/19/21 15:58	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		1		01/19/21 15:58	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		01/19/21 15:58	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-8 **Lab ID: 40221094008** Collected: 01/15/21 12:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 16:08		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:21	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/19/21 16:21	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 16:21	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/19/21 16:21	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:21	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 16:21	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/19/21 16:21	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/19/21 16:21	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/19/21 16:21	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/19/21 16:21	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/19/21 16:21	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/19/21 16:21	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/19/21 16:21	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 16:21	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 16:21	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 16:21	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/19/21 16:21	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/19/21 16:21	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/19/21 16:21	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/19/21 16:21	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/19/21 16:21	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/19/21 16:21	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/19/21 16:21	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/19/21 16:21	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 16:21	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/19/21 16:21	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/19/21 16:21	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/19/21 16:21	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/19/21 16:21	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/19/21 16:21	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 16:21	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/19/21 16:21	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/21 16:21	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/19/21 16:21	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/19/21 16:21	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/19/21 16:21	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/19/21 16:21	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/19/21 16:21	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/19/21 16:21	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/19/21 16:21	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/19/21 16:21	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-8 **Lab ID: 40221094008** Collected: 01/15/21 12:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/19/21 16:21	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/19/21 16:21	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/19/21 16:21	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/19/21 16:21	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/19/21 16:21	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:21	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 16:21	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/19/21 16:21	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/19/21 16:21	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/19/21 16:21	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:21	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/19/21 16:21	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/19/21 16:21	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 16:21	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/19/21 16:21	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 16:21	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/19/21 16:21	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/19/21 16:21	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/19/21 16:21	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/19/21 16:21	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/19/21 16:21	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	98	%	70-130		1		01/19/21 16:21	460-00-4	
Dibromofluoromethane (S)	102	%	70-130		1		01/19/21 16:21	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		01/19/21 16:21	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-8-DUP **Lab ID: 40221094009** Collected: 01/15/21 12:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 16:34		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:43	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/19/21 16:43	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 16:43	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/19/21 16:43	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:43	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 16:43	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/19/21 16:43	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/19/21 16:43	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/19/21 16:43	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/19/21 16:43	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/19/21 16:43	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/19/21 16:43	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/19/21 16:43	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 16:43	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 16:43	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 16:43	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/19/21 16:43	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/19/21 16:43	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/19/21 16:43	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/19/21 16:43	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/19/21 16:43	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/19/21 16:43	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/19/21 16:43	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/19/21 16:43	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 16:43	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/19/21 16:43	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/19/21 16:43	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/19/21 16:43	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/19/21 16:43	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/19/21 16:43	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 16:43	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/19/21 16:43	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/21 16:43	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/19/21 16:43	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/19/21 16:43	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/19/21 16:43	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/19/21 16:43	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/19/21 16:43	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/19/21 16:43	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/19/21 16:43	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/19/21 16:43	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: MW-8-DUP **Lab ID: 40221094009** Collected: 01/15/21 12:30 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/19/21 16:43	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/19/21 16:43	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/19/21 16:43	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/19/21 16:43	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/19/21 16:43	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:43	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 16:43	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/19/21 16:43	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/19/21 16:43	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/19/21 16:43	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 16:43	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/19/21 16:43	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/19/21 16:43	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 16:43	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/19/21 16:43	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 16:43	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/19/21 16:43	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/19/21 16:43	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/19/21 16:43	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/19/21 16:43	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/19/21 16:43	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/19/21 16:43	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		01/19/21 16:43	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		01/19/21 16:43	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: FB **Lab ID: 40221094010** Collected: 01/15/21 11:45 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Pace Analytical Services - Green Bay								
Gasoline Range Organics	**<30.5**	ug/L	100	30.5	1		01/20/21 17:25		
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:06	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/19/21 14:06	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 14:06	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/19/21 14:06	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:06	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 14:06	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/19/21 14:06	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/19/21 14:06	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/19/21 14:06	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/19/21 14:06	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/19/21 14:06	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/19/21 14:06	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/19/21 14:06	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 14:06	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 14:06	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 14:06	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/19/21 14:06	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/19/21 14:06	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/19/21 14:06	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/19/21 14:06	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/19/21 14:06	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/19/21 14:06	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/19/21 14:06	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/19/21 14:06	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 14:06	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/19/21 14:06	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/19/21 14:06	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/19/21 14:06	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/19/21 14:06	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/19/21 14:06	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 14:06	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/19/21 14:06	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/21 14:06	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/19/21 14:06	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/19/21 14:06	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/19/21 14:06	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/19/21 14:06	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/19/21 14:06	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/19/21 14:06	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/19/21 14:06	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/19/21 14:06	98-82-8	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: FB **Lab ID: 40221094010** Collected: 01/15/21 11:45 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/19/21 14:06	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/19/21 14:06	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/19/21 14:06	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/19/21 14:06	100-42-5	
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/19/21 14:06	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:06	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 14:06	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/19/21 14:06	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/19/21 14:06	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/19/21 14:06	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:06	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/19/21 14:06	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/19/21 14:06	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 14:06	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/19/21 14:06	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 14:06	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/19/21 14:06	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/19/21 14:06	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/19/21 14:06	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/19/21 14:06	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/19/21 14:06	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/19/21 14:06	460-00-4	
Dibromofluoromethane (S)	99	%	70-130		1		01/19/21 14:06	1868-53-7	
Toluene-d8 (S)	100	%	70-130		1		01/19/21 14:06	2037-26-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: TB **Lab ID: 40221094011** Collected: 01/15/21 14:00 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:28	630-20-6	
1,1,1-Trichloroethane	**<0.24**	ug/L	1.0	0.24	1		01/19/21 14:28	71-55-6	
1,1,2,2-Tetrachloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 14:28	79-34-5	
1,1,2-Trichloroethane	**<0.55**	ug/L	5.0	0.55	1		01/19/21 14:28	79-00-5	
1,1-Dichloroethane	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:28	75-34-3	
1,1-Dichloroethene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 14:28	75-35-4	
1,1-Dichloropropene	**<0.54**	ug/L	1.8	0.54	1		01/19/21 14:28	563-58-6	
1,2,3-Trichlorobenzene	**<2.2**	ug/L	7.4	2.2	1		01/19/21 14:28	87-61-6	
1,2,3-Trichloropropane	**<0.59**	ug/L	5.0	0.59	1		01/19/21 14:28	96-18-4	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		01/19/21 14:28	120-82-1	
1,2,4-Trimethylbenzene	**<0.84**	ug/L	2.8	0.84	1		01/19/21 14:28	95-63-6	
1,2-Dibromo-3-chloropropane	**<1.8**	ug/L	5.9	1.8	1		01/19/21 14:28	96-12-8	
1,2-Dibromoethane (EDB)	**<0.83**	ug/L	2.8	0.83	1		01/19/21 14:28	106-93-4	
1,2-Dichlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 14:28	95-50-1	
1,2-Dichloroethane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 14:28	107-06-2	
1,2-Dichloropropane	**<0.28**	ug/L	1.0	0.28	1		01/19/21 14:28	78-87-5	
1,3,5-Trimethylbenzene	**<0.87**	ug/L	2.9	0.87	1		01/19/21 14:28	108-67-8	
1,3-Dichlorobenzene	**<0.63**	ug/L	2.1	0.63	1		01/19/21 14:28	541-73-1	
1,3-Dichloropropane	**<0.83**	ug/L	2.8	0.83	1		01/19/21 14:28	142-28-9	
1,4-Dichlorobenzene	**<0.94**	ug/L	3.1	0.94	1		01/19/21 14:28	106-46-7	
2,2-Dichloropropane	**<2.3**	ug/L	7.6	2.3	1		01/19/21 14:28	594-20-7	
2-Chlorotoluene	**<0.93**	ug/L	5.0	0.93	1		01/19/21 14:28	95-49-8	
4-Chlorotoluene	**<0.76**	ug/L	2.5	0.76	1		01/19/21 14:28	106-43-4	
Benzene	**<0.25**	ug/L	1.0	0.25	1		01/19/21 14:28	71-43-2	
Bromobenzene	**<0.24**	ug/L	1.0	0.24	1		01/19/21 14:28	108-86-1	
Bromochloromethane	**<0.36**	ug/L	5.0	0.36	1		01/19/21 14:28	74-97-5	
Bromodichloromethane	**<0.36**	ug/L	1.2	0.36	1		01/19/21 14:28	75-27-4	
Bromoform	**<4.0**	ug/L	13.2	4.0	1		01/19/21 14:28	75-25-2	
Bromomethane	**<0.97**	ug/L	5.0	0.97	1		01/19/21 14:28	74-83-9	
Carbon tetrachloride	**<1.1**	ug/L	3.6	1.1	1		01/19/21 14:28	56-23-5	
Chlorobenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 14:28	108-90-7	
Chloroethane	**<1.3**	ug/L	5.0	1.3	1		01/19/21 14:28	75-00-3	
Chloroform	**<1.3**	ug/L	5.0	1.3	1		01/19/21 14:28	67-66-3	
Chloromethane	**<2.2**	ug/L	7.3	2.2	1		01/19/21 14:28	74-87-3	
Dibromochloromethane	**<2.6**	ug/L	8.7	2.6	1		01/19/21 14:28	124-48-1	
Dibromomethane	**<0.94**	ug/L	3.1	0.94	1		01/19/21 14:28	74-95-3	
Dichlorodifluoromethane	**<0.50**	ug/L	5.0	0.50	1		01/19/21 14:28	75-71-8	
Diisopropyl ether	**<1.9**	ug/L	6.3	1.9	1		01/19/21 14:28	108-20-3	
Ethylbenzene	**<0.32**	ug/L	1.1	0.32	1		01/19/21 14:28	100-41-4	
Hexachloro-1,3-butadiene	**<1.5**	ug/L	4.9	1.5	1		01/19/21 14:28	87-68-3	
Isopropylbenzene (Cumene)	**<1.7**	ug/L	5.6	1.7	1		01/19/21 14:28	98-82-8	
Methyl-tert-butyl ether	**<1.2**	ug/L	4.2	1.2	1		01/19/21 14:28	1634-04-4	
Methylene Chloride	**<0.58**	ug/L	5.0	0.58	1		01/19/21 14:28	75-09-2	
Naphthalene	**<1.2**	ug/L	5.0	1.2	1		01/19/21 14:28	91-20-3	
Styrene	**<3.0**	ug/L	10.0	3.0	1		01/19/21 14:28	100-42-5	

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ANALYTICAL RESULTS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Sample: TB **Lab ID: 40221094011** Collected: 01/15/21 14:00 Received: 01/16/21 08:30 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260								
	Pace Analytical Services - Green Bay								
Tetrachloroethene	**<0.33**	ug/L	1.1	0.33	1		01/19/21 14:28	127-18-4	
Toluene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:28	108-88-3	
Trichloroethene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 14:28	79-01-6	
Trichlorofluoromethane	**<0.21**	ug/L	1.0	0.21	1		01/19/21 14:28	75-69-4	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		01/19/21 14:28	75-01-4	
Xylene (Total)	**<1.5**	ug/L	3.0	1.5	1		01/19/21 14:28	1330-20-7	
cis-1,2-Dichloroethene	**<0.27**	ug/L	1.0	0.27	1		01/19/21 14:28	156-59-2	
cis-1,3-Dichloropropene	**<3.6**	ug/L	12.1	3.6	1		01/19/21 14:28	10061-01-5	
m&p-Xylene	**<0.47**	ug/L	2.0	0.47	1		01/19/21 14:28	179601-23-1	
n-Butylbenzene	**<0.71**	ug/L	2.4	0.71	1		01/19/21 14:28	104-51-8	
n-Propylbenzene	**<0.81**	ug/L	5.0	0.81	1		01/19/21 14:28	103-65-1	
o-Xylene	**<0.26**	ug/L	1.0	0.26	1		01/19/21 14:28	95-47-6	
p-Isopropyltoluene	**<0.80**	ug/L	2.7	0.80	1		01/19/21 14:28	99-87-6	
sec-Butylbenzene	**<0.85**	ug/L	5.0	0.85	1		01/19/21 14:28	135-98-8	
tert-Butylbenzene	**<0.30**	ug/L	1.0	0.30	1		01/19/21 14:28	98-06-6	
trans-1,2-Dichloroethene	**<0.46**	ug/L	1.5	0.46	1		01/19/21 14:28	156-60-5	
trans-1,3-Dichloropropene	**<4.4**	ug/L	14.6	4.4	1		01/19/21 14:28	10061-02-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		01/19/21 14:28	460-00-4	
Dibromofluoromethane (S)	100	%	70-130		1		01/19/21 14:28	1868-53-7	
Toluene-d8 (S)	101	%	70-130		1		01/19/21 14:28	2037-26-5	

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QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

QC Batch: 376124 | Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO | Analysis Description: WIGRO GCV Water
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40221094001, 40221094002, 40221094003, 40221094004, 40221094005, 40221094006, 40221094007, 40221094008, 40221094009, 40221094010

METHOD BLANK: 2172489 | Matrix: Water

Associated Lab Samples: 40221094001, 40221094002, 40221094003, 40221094004, 40221094005, 40221094006, 40221094007, 40221094008, 40221094009, 40221094010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	ug/L	<30.5	100	01/20/21 09:12	
a,a,a-Trifluorotoluene (S)	%	99	80-120	01/20/21 09:12	

LABORATORY CONTROL SAMPLE & LCSD: 2172490 2172491

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Gasoline Range Organics	ug/L	200	185	182	92	91	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				98	99	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2172618 2172619

Parameter	Units	40221065001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
a,a,a-Trifluorotoluene (S)	%						98	99	80-120			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

QC Batch: 375939 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40221094001, 40221094002, 40221094003, 40221094004, 40221094005

METHOD BLANK: 2171772 | Matrix: Water
Associated Lab Samples: 40221094001, 40221094002, 40221094003, 40221094004, 40221094005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	01/18/21 08:03	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	01/18/21 08:03	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	01/18/21 08:03	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	01/18/21 08:03	
1,1-Dichloroethane	ug/L	<0.27	1.0	01/18/21 08:03	
1,1-Dichloroethene	ug/L	<0.24	1.0	01/18/21 08:03	
1,1-Dichloropropene	ug/L	<0.54	1.8	01/18/21 08:03	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	01/18/21 08:03	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	01/18/21 08:03	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/18/21 08:03	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	01/18/21 08:03	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	01/18/21 08:03	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	01/18/21 08:03	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	01/18/21 08:03	
1,2-Dichloroethane	ug/L	<0.28	1.0	01/18/21 08:03	
1,2-Dichloropropane	ug/L	<0.28	1.0	01/18/21 08:03	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	01/18/21 08:03	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	01/18/21 08:03	
1,3-Dichloropropane	ug/L	<0.83	2.8	01/18/21 08:03	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	01/18/21 08:03	
2,2-Dichloropropane	ug/L	<2.3	7.6	01/18/21 08:03	
2-Chlorotoluene	ug/L	<0.93	5.0	01/18/21 08:03	
4-Chlorotoluene	ug/L	<0.76	2.5	01/18/21 08:03	
Benzene	ug/L	<0.25	1.0	01/18/21 08:03	
Bromobenzene	ug/L	<0.24	1.0	01/18/21 08:03	
Bromochloromethane	ug/L	<0.36	5.0	01/18/21 08:03	
Bromodichloromethane	ug/L	<0.36	1.2	01/18/21 08:03	
Bromoform	ug/L	<4.0	13.2	01/18/21 08:03	
Bromomethane	ug/L	<0.97	5.0	01/18/21 08:03	
Carbon tetrachloride	ug/L	<1.1	3.6	01/18/21 08:03	
Chlorobenzene	ug/L	<0.71	2.4	01/18/21 08:03	
Chloroethane	ug/L	<1.3	5.0	01/18/21 08:03	
Chloroform	ug/L	<1.3	5.0	01/18/21 08:03	
Chloromethane	ug/L	<2.2	7.3	01/18/21 08:03	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	01/18/21 08:03	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	01/18/21 08:03	
Dibromochloromethane	ug/L	<2.6	8.7	01/18/21 08:03	
Dibromomethane	ug/L	<0.94	3.1	01/18/21 08:03	
Dichlorodifluoromethane	ug/L	<0.50	5.0	01/18/21 08:03	
Diisopropyl ether	ug/L	<1.9	6.3	01/18/21 08:03	

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QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

METHOD BLANK: 2171772 Matrix: Water
Associated Lab Samples: 40221094001, 40221094002, 40221094003, 40221094004, 40221094005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	01/18/21 08:03	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	01/18/21 08:03	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	01/18/21 08:03	
m&p-Xylene	ug/L	<0.47	2.0	01/18/21 08:03	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	01/18/21 08:03	
Methylene Chloride	ug/L	<0.58	5.0	01/18/21 08:03	
n-Butylbenzene	ug/L	<0.71	2.4	01/18/21 08:03	
n-Propylbenzene	ug/L	<0.81	5.0	01/18/21 08:03	
Naphthalene	ug/L	<1.2	5.0	01/18/21 08:03	
o-Xylene	ug/L	<0.26	1.0	01/18/21 08:03	
p-Isopropyltoluene	ug/L	<0.80	2.7	01/18/21 08:03	
sec-Butylbenzene	ug/L	<0.85	5.0	01/18/21 08:03	
Styrene	ug/L	<3.0	10.0	01/18/21 08:03	
tert-Butylbenzene	ug/L	<0.30	1.0	01/18/21 08:03	
Tetrachloroethene	ug/L	<0.33	1.1	01/18/21 08:03	
Toluene	ug/L	<0.27	1.0	01/18/21 08:03	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	01/18/21 08:03	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	01/18/21 08:03	
Trichloroethene	ug/L	<0.26	1.0	01/18/21 08:03	
Trichlorofluoromethane	ug/L	<0.21	1.0	01/18/21 08:03	
Vinyl chloride	ug/L	<0.17	1.0	01/18/21 08:03	
Xylene (Total)	ug/L	<1.5	3.0	01/18/21 08:03	
4-Bromofluorobenzene (S)	%	93	70-130	01/18/21 08:03	
Dibromofluoromethane (S)	%	101	70-130	01/18/21 08:03	
Toluene-d8 (S)	%	107	70-130	01/18/21 08:03	

LABORATORY CONTROL SAMPLE: 2171773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	50.6	101	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.8	110	64-131	
1,1,2-Trichloroethane	ug/L	50	56.4	113	70-130	
1,1-Dichloroethane	ug/L	50	54.0	108	69-163	
1,1-Dichloroethene	ug/L	50	49.3	99	77-123	
1,2,4-Trichlorobenzene	ug/L	50	48.3	97	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	44.7	89	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.2	98	70-130	
1,2-Dichlorobenzene	ug/L	50	47.6	95	70-130	
1,2-Dichloroethane	ug/L	50	50.9	102	78-142	
1,2-Dichloropropane	ug/L	50	55.3	111	86-134	
1,3-Dichlorobenzene	ug/L	50	48.0	96	70-130	
1,4-Dichlorobenzene	ug/L	50	47.9	96	70-130	
Benzene	ug/L	50	57.7	115	70-130	
Bromodichloromethane	ug/L	50	52.7	105	70-130	

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QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

LABORATORY CONTROL SAMPLE: 2171773

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	47.2	94	70-130	
Bromomethane	ug/L	50	46.9	94	39-129	
Carbon tetrachloride	ug/L	50	49.7	99	70-132	
Chlorobenzene	ug/L	50	52.0	104	70-130	
Chloroethane	ug/L	50	52.6	105	66-140	
Chloroform	ug/L	50	56.1	112	75-132	
Chloromethane	ug/L	50	38.8	78	32-143	
cis-1,2-Dichloroethene	ug/L	50	50.2	100	70-130	
cis-1,3-Dichloropropene	ug/L	50	55.0	110	70-130	
Dibromochloromethane	ug/L	50	44.5	89	70-130	
Dichlorodifluoromethane	ug/L	50	45.4	91	10-141	
Ethylbenzene	ug/L	50	54.8	110	80-120	
Isopropylbenzene (Cumene)	ug/L	50	52.1	104	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	47.6	95	61-129	
Methylene Chloride	ug/L	50	56.1	112	70-130	
o-Xylene	ug/L	50	51.1	102	70-130	
Styrene	ug/L	50	51.7	103	70-130	
Tetrachloroethene	ug/L	50	52.3	105	70-130	
Toluene	ug/L	50	53.8	108	80-120	
trans-1,2-Dichloroethene	ug/L	50	56.2	112	70-130	
trans-1,3-Dichloropropene	ug/L	50	51.9	104	69-130	
Trichloroethene	ug/L	50	55.4	111	70-130	
Trichlorofluoromethane	ug/L	50	53.5	107	75-145	
Vinyl chloride	ug/L	50	50.6	101	51-140	
Xylene (Total)	ug/L	150	155	104	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			108	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2171784 2171785

Parameter	Units	40221071004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.24	50	50	52.5	52.5	105	105	70-130	0	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	50	50	56.9	57.4	114	115	64-137	1	20	
1,1,2-Trichloroethane	ug/L	<0.55	50	50	57.0	57.8	114	116	70-137	1	20	
1,1-Dichloroethane	ug/L	<0.27	50	50	54.5	54.6	109	109	69-163	0	20	
1,1-Dichloroethene	ug/L	<0.24	50	50	47.7	50.0	95	100	77-129	5	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	51.1	52.3	102	104	68-130	2	20	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	50	50	48.3	51.2	97	102	60-130	6	20	
1,2-Dibromoethane (EDB)	ug/L	<0.83	50	50	49.7	50.2	99	100	70-130	1	20	
1,2-Dichlorobenzene	ug/L	<0.71	50	50	47.8	49.4	96	99	70-130	3	20	
1,2-Dichloroethane	ug/L	<0.28	50	50	51.2	52.0	102	104	78-145	2	20	

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QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2171784 2171785

Parameter	Units	40221071004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<0.28	50	50	55.6	55.3	111	111	86-135	0	20	
1,3-Dichlorobenzene	ug/L	<0.63	50	50	48.5	49.8	97	100	70-130	3	20	
1,4-Dichlorobenzene	ug/L	<0.94	50	50	48.5	49.2	97	98	70-130	1	20	
Benzene	ug/L	<0.25	50	50	58.3	58.2	117	116	70-136	0	20	
Bromodichloromethane	ug/L	<0.36	50	50	54.2	55.5	108	111	70-130	2	20	
Bromoform	ug/L	<4.0	50	50	48.0	48.9	96	98	69-130	2	20	
Bromomethane	ug/L	<0.97	50	50	50.5	52.5	101	105	39-138	4	20	
Carbon tetrachloride	ug/L	<1.1	50	50	50.7	50.4	101	101	70-142	1	20	
Chlorobenzene	ug/L	<0.71	50	50	52.8	53.8	106	108	70-130	2	20	
Chloroethane	ug/L	<1.3	50	50	52.5	52.9	105	106	61-149	1	20	
Chloroform	ug/L	<1.3	50	50	56.2	56.9	112	114	75-133	1	20	
Chloromethane	ug/L	<2.2	50	50	39.7	38.9	79	78	32-143	2	20	
cis-1,2-Dichloroethene	ug/L	<0.27	50	50	51.2	51.3	102	103	70-130	0	20	
cis-1,3-Dichloropropene	ug/L	<3.6	50	50	56.4	56.8	113	114	70-130	1	20	
Dibromochloromethane	ug/L	<2.6	50	50	46.2	46.7	92	93	70-130	1	20	
Dichlorodifluoromethane	ug/L	<0.50	50	50	45.7	46.3	91	93	10-141	1	20	
Ethylbenzene	ug/L	<0.32	50	50	54.8	55.7	110	111	80-120	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.7	50	50	52.4	53.3	105	107	70-130	2	20	
m&p-Xylene	ug/L	<0.47	100	100	104	108	104	108	70-130	3	20	
Methyl-tert-butyl ether	ug/L	<1.2	50	50	49.1	49.5	98	99	61-136	1	20	
Methylene Chloride	ug/L	<0.58	50	50	56.7	57.9	113	116	68-137	2	20	
o-Xylene	ug/L	<0.26	50	50	51.5	52.4	103	105	70-130	2	20	
Styrene	ug/L	<3.0	50	50	51.9	53.2	104	106	70-130	3	20	
Tetrachloroethene	ug/L	<0.33	50	50	53.6	53.4	107	107	70-130	0	20	
Toluene	ug/L	<0.27	50	50	54.4	55.0	109	110	80-120	1	20	
trans-1,2-Dichloroethene	ug/L	<0.46	50	50	55.8	55.3	112	111	70-130	1	20	
trans-1,3-Dichloropropene	ug/L	<4.4	50	50	53.3	54.5	107	109	69-130	2	20	
Trichloroethene	ug/L	<0.26	50	50	55.9	56.4	112	113	70-130	1	20	
Trichlorofluoromethane	ug/L	<0.21	50	50	53.9	54.6	108	109	74-157	1	20	
Vinyl chloride	ug/L	<0.17	50	50	50.8	51.0	102	102	51-140	0	20	
Xylene (Total)	ug/L	<1.5	150	150	156	160	104	107	70-130	3	20	
4-Bromofluorobenzene (S)	%						101	102	70-130			
Dibromofluoromethane (S)	%						101	100	70-130			
Toluene-d8 (S)	%						109	108	70-130			

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

QC Batch: 375956 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40221094006, 40221094007, 40221094008, 40221094009, 40221094010, 40221094011

METHOD BLANK: 2171822 | Matrix: Water
Associated Lab Samples: 40221094006, 40221094007, 40221094008, 40221094009, 40221094010, 40221094011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.27	1.0	01/19/21 10:38	
1,1,1-Trichloroethane	ug/L	<0.24	1.0	01/19/21 10:38	
1,1,2,2-Tetrachloroethane	ug/L	<0.28	1.0	01/19/21 10:38	
1,1,2-Trichloroethane	ug/L	<0.55	5.0	01/19/21 10:38	
1,1-Dichloroethane	ug/L	<0.27	1.0	01/19/21 10:38	
1,1-Dichloroethene	ug/L	<0.24	1.0	01/19/21 10:38	
1,1-Dichloropropene	ug/L	<0.54	1.8	01/19/21 10:38	
1,2,3-Trichlorobenzene	ug/L	<2.2	7.4	01/19/21 10:38	
1,2,3-Trichloropropane	ug/L	<0.59	5.0	01/19/21 10:38	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	01/19/21 10:38	
1,2,4-Trimethylbenzene	ug/L	<0.84	2.8	01/19/21 10:38	
1,2-Dibromo-3-chloropropane	ug/L	<1.8	5.9	01/19/21 10:38	
1,2-Dibromoethane (EDB)	ug/L	<0.83	2.8	01/19/21 10:38	
1,2-Dichlorobenzene	ug/L	<0.71	2.4	01/19/21 10:38	
1,2-Dichloroethane	ug/L	<0.28	1.0	01/19/21 10:38	
1,2-Dichloropropane	ug/L	<0.28	1.0	01/19/21 10:38	
1,3,5-Trimethylbenzene	ug/L	<0.87	2.9	01/19/21 10:38	
1,3-Dichlorobenzene	ug/L	<0.63	2.1	01/19/21 10:38	
1,3-Dichloropropane	ug/L	<0.83	2.8	01/19/21 10:38	
1,4-Dichlorobenzene	ug/L	<0.94	3.1	01/19/21 10:38	
2,2-Dichloropropane	ug/L	<2.3	7.6	01/19/21 10:38	
2-Chlorotoluene	ug/L	<0.93	5.0	01/19/21 10:38	
4-Chlorotoluene	ug/L	<0.76	2.5	01/19/21 10:38	
Benzene	ug/L	<0.25	1.0	01/19/21 10:38	
Bromobenzene	ug/L	<0.24	1.0	01/19/21 10:38	
Bromochloromethane	ug/L	<0.36	5.0	01/19/21 10:38	
Bromodichloromethane	ug/L	<0.36	1.2	01/19/21 10:38	
Bromoform	ug/L	<4.0	13.2	01/19/21 10:38	
Bromomethane	ug/L	<0.97	5.0	01/19/21 10:38	
Carbon tetrachloride	ug/L	<1.1	3.6	01/19/21 10:38	
Chlorobenzene	ug/L	<0.71	2.4	01/19/21 10:38	
Chloroethane	ug/L	<1.3	5.0	01/19/21 10:38	
Chloroform	ug/L	<1.3	5.0	01/19/21 10:38	
Chloromethane	ug/L	<2.2	7.3	01/19/21 10:38	
cis-1,2-Dichloroethene	ug/L	<0.27	1.0	01/19/21 10:38	
cis-1,3-Dichloropropene	ug/L	<3.6	12.1	01/19/21 10:38	
Dibromochloromethane	ug/L	<2.6	8.7	01/19/21 10:38	
Dibromomethane	ug/L	<0.94	3.1	01/19/21 10:38	
Dichlorodifluoromethane	ug/L	<0.50	5.0	01/19/21 10:38	
Diisopropyl ether	ug/L	<1.9	6.3	01/19/21 10:38	

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REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

METHOD BLANK: 2171822 Matrix: Water
Associated Lab Samples: 40221094006, 40221094007, 40221094008, 40221094009, 40221094010, 40221094011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.32	1.1	01/19/21 10:38	
Hexachloro-1,3-butadiene	ug/L	<1.5	4.9	01/19/21 10:38	
Isopropylbenzene (Cumene)	ug/L	<1.7	5.6	01/19/21 10:38	
m&p-Xylene	ug/L	<0.47	2.0	01/19/21 10:38	
Methyl-tert-butyl ether	ug/L	<1.2	4.2	01/19/21 10:38	
Methylene Chloride	ug/L	<0.58	5.0	01/19/21 10:38	
n-Butylbenzene	ug/L	<0.71	2.4	01/19/21 10:38	
n-Propylbenzene	ug/L	<0.81	5.0	01/19/21 10:38	
Naphthalene	ug/L	<1.2	5.0	01/19/21 10:38	
o-Xylene	ug/L	<0.26	1.0	01/19/21 10:38	
p-Isopropyltoluene	ug/L	<0.80	2.7	01/19/21 10:38	
sec-Butylbenzene	ug/L	<0.85	5.0	01/19/21 10:38	
Styrene	ug/L	<3.0	10.0	01/19/21 10:38	
tert-Butylbenzene	ug/L	<0.30	1.0	01/19/21 10:38	
Tetrachloroethene	ug/L	<0.33	1.1	01/19/21 10:38	
Toluene	ug/L	<0.27	1.0	01/19/21 10:38	
trans-1,2-Dichloroethene	ug/L	<0.46	1.5	01/19/21 10:38	
trans-1,3-Dichloropropene	ug/L	<4.4	14.6	01/19/21 10:38	
Trichloroethene	ug/L	<0.26	1.0	01/19/21 10:38	
Trichlorofluoromethane	ug/L	<0.21	1.0	01/19/21 10:38	
Vinyl chloride	ug/L	<0.17	1.0	01/19/21 10:38	
Xylene (Total)	ug/L	<1.5	3.0	01/19/21 10:38	
4-Bromofluorobenzene (S)	%	96	70-130	01/19/21 10:38	
Dibromofluoromethane (S)	%	99	70-130	01/19/21 10:38	
Toluene-d8 (S)	%	100	70-130	01/19/21 10:38	

LABORATORY CONTROL SAMPLE: 2171823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.3	111	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	47.6	95	64-131	
1,1,2-Trichloroethane	ug/L	50	49.6	99	70-130	
1,1-Dichloroethane	ug/L	50	52.0	104	69-163	
1,1-Dichloroethene	ug/L	50	50.9	102	77-123	
1,2,4-Trichlorobenzene	ug/L	50	49.6	99	68-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.9	82	63-130	
1,2-Dibromoethane (EDB)	ug/L	50	50.1	100	70-130	
1,2-Dichlorobenzene	ug/L	50	50.3	101	70-130	
1,2-Dichloroethane	ug/L	50	51.7	103	78-142	
1,2-Dichloropropane	ug/L	50	49.5	99	86-134	
1,3-Dichlorobenzene	ug/L	50	50.0	100	70-130	
1,4-Dichlorobenzene	ug/L	50	50.3	101	70-130	
Benzene	ug/L	50	50.2	100	70-130	
Bromodichloromethane	ug/L	50	50.8	102	70-130	

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(920)469-2436

QUALITY CONTROL DATA

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

LABORATORY CONTROL SAMPLE: 2171823

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	45.0	90	70-130	
Bromomethane	ug/L	50	43.7	87	39-129	
Carbon tetrachloride	ug/L	50	51.6	103	70-132	
Chlorobenzene	ug/L	50	51.8	104	70-130	
Chloroethane	ug/L	50	52.2	104	66-140	
Chloroform	ug/L	50	49.9	100	75-132	
Chloromethane	ug/L	50	46.9	94	32-143	
cis-1,2-Dichloroethene	ug/L	50	51.0	102	70-130	
cis-1,3-Dichloropropene	ug/L	50	48.0	96	70-130	
Dibromochloromethane	ug/L	50	46.6	93	70-130	
Dichlorodifluoromethane	ug/L	50	46.3	93	10-141	
Ethylbenzene	ug/L	50	53.1	106	80-120	
Isopropylbenzene (Cumene)	ug/L	50	53.7	107	70-130	
m&p-Xylene	ug/L	100	105	105	70-130	
Methyl-tert-butyl ether	ug/L	50	49.3	99	61-129	
Methylene Chloride	ug/L	50	51.5	103	70-130	
o-Xylene	ug/L	50	53.1	106	70-130	
Styrene	ug/L	50	52.4	105	70-130	
Tetrachloroethene	ug/L	50	53.2	106	70-130	
Toluene	ug/L	50	52.5	105	80-120	
trans-1,2-Dichloroethene	ug/L	50	52.3	105	70-130	
trans-1,3-Dichloropropene	ug/L	50	46.7	93	69-130	
Trichloroethene	ug/L	50	52.6	105	70-130	
Trichlorofluoromethane	ug/L	50	54.9	110	75-145	
Vinyl chloride	ug/L	50	51.3	103	51-140	
Xylene (Total)	ug/L	150	158	105	70-130	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			100	70-130	
Toluene-d8 (S)	%			100	70-130	

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(920)469-2436

QUALIFIERS

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

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

G-	Early peaks present outside the GRO window.
pH	Post-analysis pH measurement indicates insufficient VOA sample preservation.

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Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60623859 LINE 13 MP 312
Pace Project No.: 40221094

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40221094001	**MW-1**	WI MOD GRO	376124		
40221094002	**MW-2**	WI MOD GRO	376124		
40221094003	**MW-3**	WI MOD GRO	376124		
40221094004	**MW-4**	WI MOD GRO	376124		
40221094005	**MW-5**	WI MOD GRO	376124		
40221094006	**MW-6**	WI MOD GRO	376124		
40221094007	**MW-7**	WI MOD GRO	376124		
40221094008	**MW-8**	WI MOD GRO	376124		
40221094009	**MW-8-DUP**	WI MOD GRO	376124		
40221094010	**FB**	WI MOD GRO	376124		
40221094001	**MW-1**	EPA 8260	375939		
40221094002	**MW-2**	EPA 8260	375939		
40221094003	**MW-3**	EPA 8260	375939		
40221094004	**MW-4**	EPA 8260	375939		
40221094005	**MW-5**	EPA 8260	375939		
40221094006	**MW-6**	EPA 8260	375956		
40221094007	**MW-7**	EPA 8260	375956		
40221094008	**MW-8**	EPA 8260	375956		
40221094009	**MW-8-DUP**	EPA 8260	375956		
40221094010	**FB**	EPA 8260	375956		
40221094011	**TB**	EPA 8260	375956		

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

Page 1 of

40221094

CHAIN OF CUSTODY

(Please Print Clearly)	
Company Name:	AECOM
Branch/Location:	Duluth, MN
Project Contact:	Darin Albrecht
Phone:	218 464 8965
Project Number:	
Project Name:	Line 13 MP 312
Project State:	WI
Sampled By (Print):	Connor Mulcahy
Sampled By (Sign):	
PO #:	Regulatory Program:

Quote #:	
Mail To Contact:	darin.albrecht@aecom.com
Mail To Company:	AECOM
Mail To Address:	230 West Superior ST Suite 400 Duluth, MN 55802
Invoice To Contact:	USAPIMAGING@aecom.com
Invoice To Company:	AECOM
Invoice To Address:	Same
Invoice To Phone:	Same

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

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	VOC by 8260	GRO	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	1/15/21	1245	GW	N	B	X	X	Some samples have different color between bottles b/c needed 2nd bailer pull.		
002	MW-2	1/14/21	1300								
003	MW-3	1/14/21	1430								
004	MW-4	1/14/21	1530								
005	MW-5	1/14/21	1615								
006	MW-6	1/15/21	1200								
007	MW-7	1/15/21	1215								
008	MW-8	1/15/21	1230								
009	MW-8-DUP	1/15/21	1230								
010	FB	1/15/21	1145								
011	TB	1/15/21	1400	W							

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
AECOM	01/15/21 1600		
CS Logistics	1/16/21 0830	Nicole Hackl Pace	1/16/21 0830

PACE Project No. 40221094

Receipt Temp = 2 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

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

Sample Preservation Receipt Form

Client Name: ACCum

Project # 40221094

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																	9																2.5 / 5 / 10
002																	9																2.5 / 5 / 10
003																	9																2.5 / 5 / 10
004																	9																2.5 / 5 / 10
005																	9																2.5 / 5 / 10
006																	9																2.5 / 5 / 10
007																	9																2.5 / 5 / 10
008																	9																2.5 / 5 / 10
009																	9																2.5 / 5 / 10
010																	9																2.5 / 5 / 10
011																	2																2.5 / 5 / 10
012																																	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

2/12/21 MM

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
BG1U	1 liter clear glass
AG1H	1 liter amber glass HCL
AG4S	125 mL amber glass H2SO4
AG4U	120 mL amber glass unpres
AG5U	100 mL amber glass unpres
AG2S	500 mL amber glass H2SO4
BG3U	250 mL clear glass unpres

BP1U	1 liter plastic unpres
BP3U	250 mL plastic unpres
BP3B	250 mL plastic NaOH
BP3N	250 mL plastic HNO3
BP3S	250 mL plastic H2SO4

VG9A	40 mL clear ascorbic
DG9T	40 mL amber Na Thio
VG9U	40 mL clear vial unpres
VG9H	40 mL clear vial HCL
VG9M	40 mL clear vial MeOH
VG9D	40 mL clear vial DI

JGFU	4 oz amber jar unpres
JG9U	9 oz amber jar unpres
WGFU	4 oz clear jar unpres
WPFU	4 oz plastic jar unpres
SP5T	120 mL plastic Na Thiosulfate
ZPLC	ziploc bag
GN	

Pace Analytical® 1241 Bellevue Street, Green Bay, WI 54302	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: 26Mar2020
	Document No.: **ENV-FRM-GBAY-0014-Rev.00**	Author: Pace Green Bay Quality Office

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40221094

40221094

Client Name: Allcm

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

Tracking #: 2037 011521

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 - 97 **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 2 /Corr: 2

Temp Blank Present: ☑ yes ☐ no **Biological Tissue is Frozen:** ☐ yes ☐ no

Person examining contents: Date: 1/16/21 /Initials: NM

Labeled By Initials: NM

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:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☐Yes ☑No ☐N/A	2. pg#/proj# 1/16/21 NM
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No	5.
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☐Yes ☑No	6.
Rush Turn Around Time Requested:	☐Yes ☑No	7.
Sufficient Volume: For Analysis: ☑Yes ☐No MS/MSD:	☐Yes ☑No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No	10. 004-(1) frozen 005-(3) frozen/006-(1) frozen 1/16/21 NM
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:	W	
Trip Blank Present:	☑Yes ☐No ☐N/A	13.
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):	455	

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