From: Susan Petrofske
Sent: Thursday, November 9, 2023 11:47 AM
To: Grittner, Paul V - DNR <Paul.Grittner@wisconsin.gov>
Cc: Kristin Jones (Kristin.Jones@newellco.com) <Kristin.Jones@newellco.com>; Jeanne Tarvin <jtarvin@ramboll.com>
Subject: Groundwater Results Notification for Former EZ Paintr/Shur-Line Facility (BRRTS #: 02-41-183146)

Paul,

On behalf of Newell Operating Company (NOC), attached please find the groundwater sample analytical results from the groundwater sampling event conducted in October 2023 at the Former EZ Paintr Corp Site (BRRTS# 02-41-183146) in St. Francis. The purpose of this transmittal is to comply with the sample results notification required under s. NR 716.14 (2), Wis. Adm. Code. These results are also being shared with the City of St. Francis and Phoenix Investors for samples collected on their respective properties.

Groundwater samples were collected from all existing monitoring wells located on site (MW-5, MW-15, MW-20, and P-2) along with monitoring wells located north of the site in the City of St. Francis right-of-way (MW-9, MW-10, MW-11, MW-13, MW-14, MW-16, MW-17, MW-18, MW-19, MW-21, MW-22, P-3, and P-4). Consistent with prior sampling events, all samples were analyzed for VOCs. Note that monitoring wells MW-1 through MW-4, MW-6 through MW-8, and P-1 located on property owned by We Energies were not sampled due to lack of access.

Tabulated sample results and a figure showing the sample locations are attached for your reference. Based on the groundwater sample analytical results, the downgradient extent of TCE groundwater impacts north of the facility remains defined to below the NR 140 Enforcement Standard (ES) by monitoring well MW-21. Off-site monitoring well MW-22, located at the northwest corner of Iowa and Norwich Avenues continues to be non-detect for all VOCs.

Please let us know if you have any questions. A copy of this e-mail (with attachments) will also be uploaded to the WDNR portal.

Kind regards
Susan Petrofske

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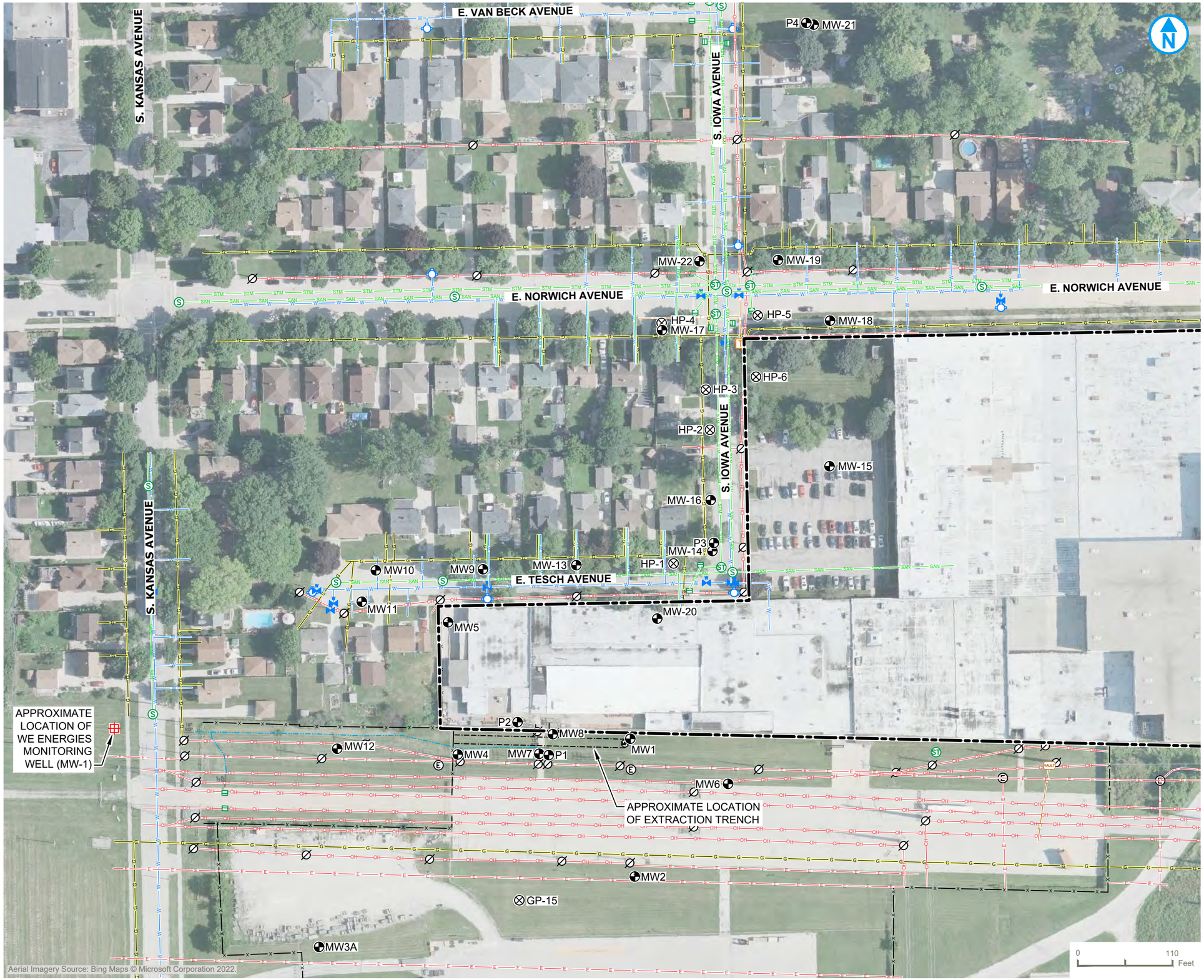

- PROPERTY BOUNDARY (APPROXIMATE)
- FENCE LINE
- DITCH
- NATURAL GAS
- WATER LINE
- OVERHEAD LINE
- UNDERGROUND ELECTRIC
- UNDERGROUND TELEPHONE
- FIBER OPTIC
- SANITARY
- STORM
- HYDRANT
- WATER VALVE
- MANHOLE
- SANITARY MANHOLE
- STORM MANHOLE
- ELECTRIC MANHOLE
- CURB INLET
- POWER POLE
- TELEPHONE PEDESTAL
- VAULT
- EXISTING MONITORING WELL
- HYDROPUNCH LOCATION

SITE LAYOUT AND MONITORING WELL NETWORK

FORMER EZ PAINTR/SHUR-LINE FACILITY
ST. FRANCIS, WISCONSIN

FIGURE 1

RAMBOLL US CONSULTING, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 1690004991 DATED: 6/7/2023 DESIGNER: HJW

Table 1. Groundwater Analytical Data
Former Shur-Line/ EZ Paintr Facility
St. Francis, WI
Ramboll Project No. 1690004991

Parameters		Benzene	n-Butylbenzene	sec-Butylbenzene	MonoChlorobenzene	Chloroethane	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene[1]	1,3,5-Trimethylbenzene[1]	Vinyl chloride	Xylenes, total	1,4-Dioxane
NR 140 ES Standard		5	--	--	100	400	6	600	600	75	1000	850	7	70	100	700	--	5	100	--	5	800	70	200	5	5	480	480	0.2	2000	3
NR 140 PAL Standard		0.5	--	--	20	80	0.6	60	120	15	200	85	0.7	7	20	140	--	0.5	10	--	0.5	160	14	40	0.5	0.5	96	96	0.02	400	0.3
MW-1	12/21/2017	<0.15	<0.39	<0.40	<0.39	2.5	<0.37	<0.33	<0.40	<0.36	<0.67	4.0	<0.39	1.9	<0.35	0.48 J	<0.39	<1.6	<0.34	<0.41	*0.52 J*	<0.15	<0.34	<0.38	<0.35	*0.96*	<0.36	<0.25	<0.20	1.7	NA
	9/11/2018	<0.15	<0.39	<0.40	<0.39	1.9	<0.37	<0.33	<0.40	<0.36	<0.67	4.1	<0.39	3.2	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	*1.2*	<0.15	<0.34	2.2	<0.35	*2.9*	<0.36	<0.25	**1.9**	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	3.9	<0.39	0.78 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	0.46 J	<0.15	<0.34	1.2	<0.35	*1.5*	<0.36	<0.25	<0.20	<0.22	NA
	4/29/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.6	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	0.46 J	<0.15	<0.34	<0.38	<0.35	*0.85*	<0.36	<0.25	<0.20	<0.22	NA
	10/21/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.5	<0.39	0.70 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	*0.95 J*	<0.15	<0.34	1.4	<0.35	*1.5*	<0.36	<0.25	<0.20	<0.22	NA
	4/15/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.5	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*0.62*	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	2.3	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	*2.8*	<0.15	<0.34	2.4	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.3	<0.39	1.3	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	0.43 J	<0.36	<0.25	**0.84 J**	<0.22	NA
	10/19/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.6	<0.39	0.64 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	*1.9*	<0.15	<0.34	<0.38	<0.35	*1.5*	<0.36	<0.25	<0.20	<0.22	NA
MW-2	12/21/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	*27*	1.6	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.15 J	<0.34	<0.38	<0.35	*1.0*	<0.36	<0.25	**4.5**	<0.22	NA
	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	0.25 J	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/29/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/22/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	*13*	0.83 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*1.1*	<0.36	<0.25	**2.1**	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	0.38 J	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	*40*	3.0	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*3.8*	<0.36	<0.25	**4.3**	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-3A	12/20/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.24	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/29/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/21/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-4	12/21/2017	<0.29	<0.78	<0.80	<0.77	<1.0	<0.74	<0.67	<0.80	<0.73	<1.3	7.2	*3.3*	**860**	4.6	<0.37	<0.77	<3.3	<0.24	<0.83	<0.74	<0.30	<0.68	<0.76	<0.70	**180**	<0.72	<0.51	**97**	<0.44	NA
	9/11/2018	<1.5	<3.9	<4.0	<3.9	<5.1	<3.7	<3.3	<4.0	<3.6	<6.7	14	**12**	**3,700**	15	<1.8	<3.9	<16	<3.4	<4.1	<3.7	<1.5	<3.4	<3.8	<3.5	**1,200**	<3.6	<2.5	**510**	<2.2	NA
	7/17/2019	<0.29	<0.78	<0.80	<0.77	<1.0	<0.74	<0.67	<0.80	<0.73	<1.3	8.8	**9.8**	**1,800**	7.0	<0.37	<0.77	<3.3	<0.67	<0.83	<0.74	<0.30	<0.68	3.3	<0.70	**480**	<0.72	<0.51	**320**	<0.44	NA
	4/29/2020	<0.29	<0.78	<0.80	<0.77	<1.0	<0.74	<0.67	<0.80	<0.73	<1.3	5.3	*4.9*	**1,300**	5.1	<0.37	<0.77	<3.3	<0.67	<0.83	<0.74	<0.30	<0.68	<0.76	<0.70	**390**	<0.72	<0.51	**120**	<0.44	NA
	10/21/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.7	*1.7*	**270**	0.95 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	0.56 J	<0.35	**33**	<0.36	<0.25	**83**	<0.22	NA
	4/15/2021	<0.15	<0.39	<0.40	<0.39	<0.51 *+	<0.37	0.56 J	<0.40	<0.36	<0.67	3.8	*3.6*	**730**	3.5	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	0.90 J	<0.35	**220**	<0.36	<0.25	**110**	<0.22	NA
	10/26/2021	**5.2**	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	4.6	*3.1*	**890**	4.6	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.49 J	<0.34	1.00	<0.35	**370**	<0.36	<0.25	**19**	<0.22	NA
	4/27/2022	<0.73	<1.9	<2.0	<1.9	<2.5	<1.9	<1.7	<2.0	<1.8	<3.4	6.7	*5.7*	**2,000**	7.5	<0.92	<1.9	<8.2	<1.7	<2.1	<1.9	<0.76	<1.7	<1.9	<1.8	**930**	<1.8	<1.3	**62**	1.2 J	NA
	10/17/2022	<1.5	<3.9	<4.0	<3.9	<5.1	<3.7	<3.3	<4.0	<3.6	<6.7	17	**18**	**5,100**	*23*	<1.8	<3.9	<16	<3.4	<4.1	<3.7	<1.5	<3.4	7.4 J	<3.5	**2,300**	<3.6	<2.5	**390**	<2.2	*1.9*
MW-5	12/20/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	2.0	<0.39	1.2	<0.35	<0.18	<0.39	<1.6	<0.25	<0.41	<0.37	<0.15	<0.34	1.4	<0.35	*4.3*	<0.36	<0.25	<0.20	<0.22	NA
	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.5	<0.39	0.96 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	0.82 J	<0.35	*3.2*	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.7	<0.39	1.0	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	1.7	<0.35	*4.0*	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.0	<0.39	0.49 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*2.6*	<0.36	<0.25	<0.20	<0.22	NA
	10/20/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.7	<0.39	0.98 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*4.8*	<0.36	<0.25	<0.20	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	1.2	<0.35	*3.1*	<0.36	<0.25	<0.20	<0.22	NA
	10/25/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	3.0	<0.39	1.7	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	3.2	<0.35	**7.5**	<0.36	<0.25	<0.20	<0.22	NA
	4/25/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.6	<0.39	0.62 J	<0.35	<0.18	<0.39	*2.0 J*	<0.34	<0.41	<0.37	<0.15	<0.34	1.4	<0.35	*3.0*	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	2.8	<0.39	1.3	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	2.6	<0.35	**7.6**	0.74 J B	<0.25	<0.20	<0.22	*1.0*
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.1	<0.39	0.50 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*3.1*	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	2.4	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	2.5	<0.35	**8.7**	<0.36	<0.25	<0.20	<0.22	NA
MW-6	12/20/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	9/12/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/29/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/22/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-7	12/21/2017	<7.3	<19	<20	<19	<25	**50 J**	<17	<20	<18	<34	<21	**59**	**22,000**	*100*	<9.2	<19	<82	<17	<21	<19	<7.6	<17	<19	<18	**8,600**	<18	<13	**540**	<11	NA
	9/11/2018	<15	<39	<40	<39	<51	<37	<33	<40	<36	<67	<41	**130**	**38,000**	**250**	<18	<39	<160	<34	<41	<37	<15	<34	<38	<35	**15,000**	<36	<25	**1,300**	<22	NA
	7/18/2019	<2.9	<7.8	<8.0	<7.7	<10	<7.4	<6.7	<8.0	<7.3	<13	<8.2	**40**	**17,000**	*80*	<3.7	<7.7	<33	<6.7	<8.3	<7.4	<3.0	<6.8	<7.6	<7.0	**4,900**	<7.2	<5.1	**400**	<4.4	NA
	4/29/2020	<2.9	<7.8	<8.0	<7.7	<10	<7.4	<6.7	<8.0	<7.3	<13	<8.2	**46**	**21,000**	*67*	<3.7	<7.7	<33	<6.7	<8.3	<7.4	<3.0	<6.8	<7.6	<7.0	**11,000**	<7.2	<5.1	**68**	<4.4	NA
	10/22/2020	<2.9	<7.8	<8.0	<7.7	<10	<7.4	<6.7	<8.0	<7.3	<13	<8.2	**19 J**	**7,800**	*42*	<3.7	<7.7	<33	<6.7	<8.3	<7.4	<3.0	<6.8	<7.6	<7.0	**2,600**	<7.2	<5.1	**310**	<4.4	NA
	4/15/2021	<15	<39	<40	<39	<51 *+	<37	<33	<40	<36	<67	<41	**120**	**46,000**	**230**	<18	<39	<160	<34	<41	<37	<15	<34	<38	<35	**23,000**	<36	<25	**180**	<22	NA
	10/26/2021	<15	<39	<40	<39	<51	<37	<33	<40	<36	<67	<41	**110**	**42,000**	**260**	<18	<39	<160	<34	<41	<37	<15	<34	<38	<35	**21,000**	<36	<25	**1,000**	<22	NA
	4/27/2022	<29	<78	<80	<77	<100	<74	<67	<80	<73	<130	<82	<78	**52,000**	**290**	<37	<77	<330	<67	<83	<74	<30	<68	<76	<70	**33,000**	<72	<51	<41	<44	NA
	10/19/2022	<2.9	<7.8	<8.0	<7.7	<10	<7.4	<6.7	<8.0	<7.3	<13	<8.2	**22**	**8,300**	*61*	<3.7	<7.7	<33	<6.7	<8.3	<7.4	<3.0	<6.8	<7.6	<7.0	**1,900**	<7.2	<5.1	**390**	<4.4	NA
MW-8	12/21/2017	*1.9*	<0.78	<0.80	<0.77	3.5	<0.74	<0.67	<0.80	<0.73	<1.3	34	<0.78	**660**	1.6 J	<0.37	<0.77	<3.3	<0.24	<0.83	<0.74	3.8	<0.68	<0.76	<0.70	<0.33	<0.72	<0.51	**1,100**	<0.44	NA
	9/12/2018	*2.2 J*	<1.9	<2.0	<1.9	<2.5	<1.9	<1.7	<2.0	<1.8	<3.4	34	<2.0	**430**	<1.7	<0.92	<1.9	<8.2	<1.7	<2.1	<1.9	<0.76	<1.7	<1.9	<1.8	<0.82	<1.8	<1.3	**1,100**	<1.1	NA
	7/18/2019	*1.5*	<0.39	<0.40	<0.39	0.99 J	<0.37	<0.33	<0.40	<0.36	<0.67	28	0.52 J	**680**	1.3	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.8	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	**1,000**	<0.22	NA
	4/29/2020	*1.8*	<0.78	<0.80	<0.77	<1.0	<0.74	<0.67	<0.80	<0.73	<1.3	27	<0.78	**990**	3.1	<0.37	<0.77	<3.3	<0.67	<0.83	<0.74	0.51 J	<0.68	<0.76	<0.70	<0.33	<0.72	<0.51	**760**	<0.44	NA
	10/22/2020	*1.1*	<0.39	<0.40	<0.39	0.99 J	<0.37	<0.33	<0.40	<0.36	<0.67	18	<0.39	**400**	1.2	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.69	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	**300**	<0.22	NA
	4/15/2021	*1.6*	<0.78	<0.80	<0.77	<1.0 *+	<0.74	1.0 J	<0.80	<0.73	<1.3	27	*1.4 J*	**730**	3.3	<0.37	<0.77	<3.3	<0.67	<0.83	<0.74	<0.30	<0.68	<0.76	<0.70	*1.5*	<0.72	<0.51	**690**	<0.44	NA
	10/26/2021	*1.2*	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	20	<0.39	**210**	0.73 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.44 J	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	**330**	0.29 J	NA
	4/27/2022	*1.4*	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	21	*0.78 J*	**730**	2.3	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.21 J	<0.34	<0.38	<0.35	0.25 J	<0.36	<0.25	**410**	0.30 J	NA
	10/17/2022	*1.9*	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	36	*0.83 J*	**790**	2.0	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.34 J	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	**830**	0.70 J	NA

Table 1. Groundwater Analytical Data
Former Shur-Line/ EZ Paintr Facility
St. Francis, WI
Ramboll Project No. 1690004991

Parameters		Benzene	n-Butylbenzene	sec-Butylbenzene	MonoChlorobenzene	Chloroethane	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene[1]	1,3,5-Trimethylbenzene[1]	Vinyl chloride	Xylenes, total	1,4-Dioxane
NR 140 ES Standard		5	--	--	100	400	6	600	600	75	1000	850	7	70	100	700	--	5	100	--	5	800	70	200	5	5	480	480	0.2	2000	3
NR 140 PAL Standard		0.5	--	--	20	80	0.6	60	120	15	200	85	0.7	7	20	140	--	0.5	10	--	0.5	160	14	40	0.5	0.5	96	96	0.02	400	0.3
MW-9	12/20/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/13/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/25/2021	<0.15	<0.39	<0.40	<0.39	<0.51	0.57 J	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-10	12/20/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/25/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/25/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	2.5 J	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40 F1	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-11	12/20/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	0.51 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/25/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/25/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-12	12/21/2017	*1.6*	<0.39	<0.40	**190**	<0.51	<0.37	14	0.92 J	12	<0.67	1.9	<0.39	*18*	<0.35	<0.18	<0.39	<1.6	<0.24	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*1.2*	<0.36	<0.25	**9.5**	<0.22	NA
	9/11/2018	0.29 J	<0.39	<0.40	*100*	<0.51	<0.37	8.5	0.88 J	12	<0.67	<0.41	<0.39	0.84 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	**1.7**	<0.22	NA
	7/18/2019	*0.67*	<0.39	<0.40	**160**	<0.51	<0.37	16	0.94 J	15	<0.67	2.6	<0.39	*46*	0.41 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*0.66*	<0.36	<0.25	**36**	<0.22	NA
	4/29/2020	*1.1*	<0.39	<0.40	**150**	<0.51	<0.37	20	1.1	*16*	<0.67	2.6	0.46 J	*55*	0.49 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.16 J	<0.34	<0.38	<0.35	*1.2*	<0.36	<0.25	**59**	<0.22	NA
	10/22/2020	*0.95*	<0.39	<0.40	*74*	<0.51	<0.37	7.2	0.93 J	*17*	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/15/2021	*0.88*	<0.39	<0.40	*40*	<0.51 *+	<0.37	8.0	0.99 J	*17*	<0.67	<0.41	<0.39	3.4	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	**2.2**	<0.22	NA
	10/26/2021	*1.3*	<0.39	<0.40	**190**	<0.51	<0.37	25	1.5	*23*	<0.67	2.9	<0.39	*45*	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.34 J	<0.34	<0.38	<0.35	*0.87*	<0.36	<0.25	**31**	<0.22	NA
	4/27/2022	0.17 J	<0.39	<0.40	*43*	<0.51	<0.37	5.3	0.91 J	13	<0.67	<0.41	<0.39	0.52 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2022	*0.65*	<0.39	<0.40	*100*	<0.51	<0.37	5.7	0.73 J	9.1	<0.67	0.89 J	<0.39	*9.8*	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	0.22 J	<0.36	<0.25	**25**	<0.22	NA
MW-13	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	12/6/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	7/17/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/20/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/13/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/25/2021	0.25 J	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.26 J	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-14	9/11/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	3.2	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	1.1	<0.35	**26**	<0.36	<0.25	<0.20	<0.22	NA
	12/6/2018	0.34 J	<0.39	<0.40	1.3	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	4.1	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	0.9 J	<0.35	**22**	<0.36	<0.25	<0.20	<0.22	NA
	7/18/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	0.82 J	<0.39	*29*	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	6.7	<0.35	**91**	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.7	*0.75 J*	**81**	0.40 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	18	<0.35	**230**	<0.36	<0.25	<0.20	<0.22	NA
	10/21/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	2.1	*0.71 J*	**160**	0.62 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	18	<0.35	**350**	<0.36	<0.25	<0.20	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	*16*	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	7.1	<0.35	**130**	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	*10*	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	2.9	<0.35	**51**	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	0.88 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	0.44 J	<0.35	**11**	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	2.5	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	1.0	<0.35	**24**	<0.36	<0.25	<0.20	<0.22	*0.39*
	4/18/2023	<0.15	<0.39 F1	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	1.5	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	0.55 J	<0.35	**13**	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	3.1	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**26**	<0.36	<0.25	<0.20	<0.22	NA

Table 1. Groundwater Analytical Data
Former Shur-Line/ EZ Paintr Facility
St. Francis, WI
Ramboll Project No. 1690004991

Parameters		Benzene	n-Butylbenzene	sec-Butylbenzene	MonoChlorobenzene	Chloroethane	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene[1]	1,3,5-Trimethylbenzene[1]	Vinyl chloride	Xylenes, total	1,4-Dioxane
NR 140 ES Standard		5	--	--	100	400	6	600	600	75	1000	850	7	70	100	700	--	5	100	--	5	800	70	200	5	5	480	480	0.2	2000	3
NR 140 PAL Standard		0.5	--	--	20	80	0.6	60	120	15	200	85	0.7	7	20	140	--	0.5	10	--	0.5	160	14	40	0.5	0.5	96	96	0.02	400	0.3
MW-15	7/18/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	*2.0* J	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/20/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/13/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/25/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/18/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-16	7/18/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	4.1	*1.8*	**170**	0.55 J	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	16	<0.35	**94**	<0.36	<0.25	<0.20	<0.22	NA
	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	1.4	<0.39	*60*	<0.35	<0.18	<0.39	*2.3* J	<0.34	<0.41	<0.37	<0.15	<0.34	7.0	<0.35	**57**	<0.36	<0.25	<0.20	<0.22	NA
	10/20/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	4.0	*1.1*	**200**	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	9.3	<0.35	**87**	<0.36	<0.25	<0.20	<0.22	NA
	4/14/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	2.4	<0.39	**120**	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	12	<0.35	**120**	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.29	<0.78	<0.80	<0.77	<1.0	<0.74	<0.67	<0.80	<0.73	<1.3	14	*6.2*	**860**	2.8	<0.37	<0.77	<3.3	<0.67	<0.83	<0.74	<0.30	<0.68	*80*	<0.70	**1,100**	<0.72	<0.51	<0.41	<0.44	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	2.8	*1.7*	**180**	0.54 J	<0.18	<0.39	<1.6	<0.34	<0.41	*0.86* J	<0.15	<0.34	32	<0.35	**610**	<0.36	<0.25	<0.20	<0.22	NA
	10/19/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	4.7	*1.2*	**180**	0.78 J	<0.18	<0.39	<1.6	<0.34	<0.41	*0.81* J	<0.15	<0.34	26	<0.35	**430**	<0.36	<0.25	<0.20	<0.22	NA
	4/18/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	*24*	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	0.40 J	<0.15	<0.34	7.8	<0.35	**110**	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	7.9	*3.9*	**410**	1.1	<0.18	<0.39	<1.6	<0.34	<0.41	*1.9*	<0.15	<0.34	*73*	<0.35	**1,300**	<0.36	<0.25	<0.20	<0.22	NA
MW-17	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/20/2020	<0.15	<0.39	<0.40	<0.39	<0.51	0.57 J	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/13/2021	<0.15	<0.39	<0.40	<0.39	<0.51	*1.3* J	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/25/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	*2.2* J	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/18/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/16/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-18	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/20/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/13/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/25/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/25/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	*2.3* J	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39 F1	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16 F1	<0.36	<0.25	<0.20	<0.22	NA
	4/18/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/16/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-19	4/28/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	0.44 J	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*3.6*	<0.36	<0.25	<0.20	<0.22	NA
	10/21/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*4.1*	<0.36	<0.25	<0.20	<0.22	NA
	4/13/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	2.7	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	1.6	<0.35	**15**	<0.36	<0.25	<0.20	<0.22	NA
	5/12/2021	<0.43	<0.47	<0.42	<0.26	<2.5	<0.50	<0.37	<0.43	<0.46	<0.60	<0.38	<0.36	1.1	<0.37	<0.33	<0.35	<2.5	<2.5	<0.38	<0.74	<0.48	<2.5	1.0	<0.33	**12**	<0.47	<0.31	<0.50	<0.23	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	6.3	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	*0.51* J	<0.15	<0.34	2.1	<0.35	**20**	<0.36	<0.25	<0.20	<0.22	NA
	4/25/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	0.63 J	<0.39	*13*	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	2.4	<0.35	**29**	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	3.5	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	*0.52* J	<0.15	<0.34	1.6	<0.35	**25**	<0.36	<0.25	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	0.41 J	<0.39	1.9	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	1.4	<0.35	**25**	<0.36	<0.25	<0.20	<0.22	NA
	10/16/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	3.1	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**11**	<0.36	<0.25	<0.20	<0.22	NA
MW-20	7/31/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.27 J	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	11/4/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/26/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2022	<0.15	0.64 J	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	0.73 J B	0.78 J	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	0.42 J	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
MW-21	11/4/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	0.28 J	<0.36	<0.25	<0.20	<0.22	NA
	4/25/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	*2.1* J	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*1.0*	<0.36	<0.25	<0.20	<0.22	NA
	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	0.80 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*2.0*	<0.36	<0.25	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*1.7*	<0.36	<0.25	<0.20	<0.22	NA
	10/16/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	*2.3*	<0.36	<0.25	<0.20	<0.22	NA
MW-22	10/18/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	4/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/16/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
P-1	12/21/2017	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	3.1	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**15**	<0.36	<0.25	<0.20	<0.22	NA
	9/12/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	5.5	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**65**	<0.36	<0.25	<0.20	<0.22	NA
	12/6/2018	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	2.8	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**31**	<0.36	<0.25	<0.20	<0.22	NA
	7/18/2019	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	4.5	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**53**	<0.36	<0.25	**0.42 J**	<0.22	NA
	4/29/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	6.3	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**97 F1**	<0.36	<0.25	<0.20 F1	<0.22	NA
	10/22/2020	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	1.3	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**12**	<0.36	<0.25	<0.20	<0.22	NA
	4/15/2021	<0.15	<0.39	<0.40	<0.39	<0.51 *+	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	4.4	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**75**	<0.36	<0.25	<0.20	<0.22	NA
	10/26/2021	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	1.2	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**14**	<0.36	<0.25	<0.20	<0.22	NA
	4/27/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	2.5	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	**38**	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2022	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	0.63 J	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	0.16 J	<0.34	<0.38	<0.35	**8.2**	0.73 J B	<0.25	<0.20	0.32 J	<0.10

Table 1. Groundwater Analytical Data
Former Shur-Line/ EZ Paintr Facility
St. Francis, WI
Ramboll Project No. 1690004991

Parameters		Benzene	n-Butylbenzene	sec-Butylbenzene	MonoChlorobenzene	Chloroethane	Chloroform	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Ethylbenzene	Isopropylbenzene	Methylene chloride	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	1,2,4-Trichlorobenzene	1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	1,2,4-Trimethylbenzene[1]	1,3,5-Trimethylbenzene[1]	Vinyl chloride	Xylenes, total	1,4-Dioxane
NR 140 ES Standard		5	--	--	100	400	6	600	600	75	1000	850	7	70	100	700	--	5	100	--	5	800	70	200	5	5	480	480	0.2	2000	3
NR 140 PAL Standard		0.5	--	--	20	80	0.6	60	120	15	200	85	0.7	7	20	140	--	0.5	10	--	0.5	160	14	40	0.5	0.5	96	96	0.02	400	0.3
P-2	6/14/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	**5.4 B**	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/16/2023	*0.68*	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
P-3	6/14/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	*2.5 J B*	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/17/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
P-4	6/14/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	*2.6 J B*	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA
	10/16/2023	<0.15	<0.39	<0.40	<0.39	<0.51	<0.37	<0.33	<0.40	<0.36	<0.67	<0.41	<0.39	<0.41	<0.35	<0.18	<0.39	<1.6	<0.34	<0.41	<0.37	<0.15	<0.34	<0.38	<0.35	<0.16	<0.36	<0.25	<0.20	<0.22	NA

Notes:
VOCs = Volatile Organic Compounds
Groundwater concentrations are shown in micrograms per liter (ug/L).
Analytical results are displayed for detected parameters only.
Analytical results compared to the WDNR NR 140 groundwater quality standards published June 2021.
ES = Enforcement Standard
PAL = Preventive Action Limit
Bold value = NR 140 ES Exceedance
Italic Value = NR 140 PAL Exceedance
-- = No NR 140 ES or PAL established
NA = Not Analyzed
ND = Not detected above the Method Detection Limit (MDL)
B = Compound was found in the blank and sample.
cn = The method blank associated with the samples did not detect methylene chloride. Since methylene chloride is a known lab contaminant and the results are just above the reporting limit, the results have been flagged for probable lab contamination.
H = Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
H3 = Sample was received and analyzed past holding time. This does not meet regulatory requirements.
F1 = Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) recovery exceeds control limits.
F2 = Matrix Spike (MS)/Matrix Spike Duplicate (MSD) Relative Percent Difference (RPD) exceeds control limits
J = Estimated concentration. Laboratory results reported between the method detection limit and limit of quantification.
TB = Methylene chloride was detected in the trip blank associated with this sample. The case narrative provided by the laboratory states that methylene chloride is a known lab contaminant and low level detects for this compound should be suspected as lab contamination.
* Laboratory Control Sample (LCS) or Laboratory Control Sample Duplicate (LCSD) is outside acceptance limits.
*+ = Laboratory Control Sample (LCS) and/or Laboratory Control Sample Duplicate (LCSD) is outside acceptance limits, high biased.

ANALYTICAL REPORT

PREPARED FOR

Attn: Susan Petrofske
Ramboll Americas Engineering Solutions
234 W. Florida Street
Fifth Floor
Milwaukee, Wisconsin 53204

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JOB DESCRIPTION

Newell / Shurline – St. Francis

JOB NUMBER

500-241330-1

Eurofins Chicago
2417 Bond Street
University Park IL 60484

See page two for job notes and contact information.

my EOL

Job Notes

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to the NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory. This report is confidential and is intended for the sole use of Eurofins Environment Testing North Central, LLC and its client. All questions regarding this report should be directed to the Eurofins Environment Testing North Central, LLC Project Manager who has signed this report.

Results relate only to the items tested and the sample(s) as received by the laboratory. The results, detection limits (LOD) and Quantitation Limits (LOQ) have been adjusted for sample dilutions and/or solids content.

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Authorization

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Job ID: 500-241330-1

Laboratory: Eurofins Chicago

Narrative

Job Narrative
500-241330-1

Receipt
The samples were received on 10/20/2023 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.3º C.

GC/MS VOA
Method 8260D: The laboratory control sample (LCS) for analytical batch 500-738678 recovered outside control limits for the following analytes: Vinyl Chloride and Trichlorofluoromethane. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 500-738716 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: P-4 — Lab Sample ID: 500-241330-1

No Detections.

Client Sample ID: MW-21 — Lab Sample ID: 500-241330-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	2.3		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-19 — Lab Sample ID: 500-241330-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.1		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	11		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-19 DUP — Lab Sample ID: 500-241330-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.3		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	12		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-18 — Lab Sample ID: 500-241330-5

No Detections.

Client Sample ID: MW-17 — Lab Sample ID: 500-241330-6

No Detections.

Client Sample ID: MW-22 — Lab Sample ID: 500-241330-7

No Detections.

Client Sample ID: P-2 — Lab Sample ID: 500-241330-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.68		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: P-2 DUP — Lab Sample ID: 500-241330-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.61		0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: EB-01 — Lab Sample ID: 500-241330-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Bromodichloromethane	1.5		1.0	0.37	ug/L	1		8260D	Total/NA
Chloroform	3.0		2.0	0.37	ug/L	1		8260D	Total/NA

Client Sample ID: MW-5 — Lab Sample ID: 500-241330-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.5		1.0	0.38	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	2.4		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	8.7		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: MW-11 — Lab Sample ID: 500-241330-12

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Chicago

Detection Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-10 — Lab Sample ID: 500-241330-13

No Detections.

Client Sample ID: MW-9 — Lab Sample ID: 500-241330-14

No Detections.

Client Sample ID: MW-13 — Lab Sample ID: 500-241330-15

No Detections.

Client Sample ID: MW-15 — Lab Sample ID: 500-241330-16

No Detections.

Client Sample ID: MW-16 — Lab Sample ID: 500-241330-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	73		1.0	0.38	ug/L	1		8260D	Total/NA
1,1-Dichloroethane	7.9		1.0	0.41	ug/L	1		8260D	Total/NA
1,1-Dichloroethene	3.9		1.0	0.39	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.9		1.0	0.37	ug/L	1		8260D	Total/NA
trans-1,2-Dichloroethene	1.1		1.0	0.35	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene - DL	410		10	4.1	ug/L	10		8260D	Total/NA
Trichloroethene - DL	1300		5.0	1.6	ug/L	10		8260D	Total/NA

Client Sample ID: MW-14 — Lab Sample ID: 500-241330-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.1		1.0	0.41	ug/L	1		8260D	Total/NA
Trichloroethene	26		0.50	0.16	ug/L	1		8260D	Total/NA

Client Sample ID: P-3 — Lab Sample ID: 500-241330-19

No Detections.

Client Sample ID: EB-01 — Lab Sample ID: 500-241330-20

No Detections.

Client Sample ID: MW-20 — Lab Sample ID: 500-241330-21

No Detections.

Client Sample ID: EB-01 — Lab Sample ID: 500-241330-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.88	J	2.0	0.37	ug/L	1		8260D	Total/NA
Toluene	0.23	J	0.50	0.15	ug/L	1		8260D	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 500-241330-23

No Detections.

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET CHI
5030B	Purge and Trap	SW846	EET CHI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
500-241330-1	P-4	Water	10/16/23 10:50	10/20/23 09:10
500-241330-2	MW-21	Water	10/16/23 11:35	10/20/23 09:10
500-241330-3	MW-19	Water	10/16/23 13:00	10/20/23 09:10
500-241330-4	MW-19 DUP	Water	10/16/23 13:05	10/20/23 09:10
500-241330-5	MW-18	Water	10/16/23 13:45	10/20/23 09:10
500-241330-6	MW-17	Water	10/16/23 14:30	10/20/23 09:10
500-241330-7	MW-22	Water	10/16/23 15:10	10/20/23 09:10
500-241330-8	P-2	Water	10/16/23 16:00	10/20/23 09:10
500-241330-9	P-2 DUP	Water	10/16/23 16:05	10/20/23 09:10
500-241330-10	EB-01	Water	10/16/23 16:15	10/20/23 09:10
500-241330-11	MW-5	Water	10/17/23 09:10	10/20/23 09:10
500-241330-12	MW-11	Water	10/17/23 09:50	10/20/23 09:10
500-241330-13	MW-10	Water	10/17/23 10:30	10/20/23 09:10
500-241330-14	MW-9	Water	10/17/23 11:15	10/20/23 09:10
500-241330-15	MW-13	Water	10/17/23 12:20	10/20/23 09:10
500-241330-16	MW-15	Water	10/17/23 13:05	10/20/23 09:10
500-241330-17	MW-16	Water	10/17/23 13:40	10/20/23 09:10
500-241330-18	MW-14	Water	10/17/23 14:20	10/20/23 09:10
500-241330-19	P-3	Water	10/17/23 15:00	10/20/23 09:10
500-241330-20	EB-01	Water	10/17/23 15:15	10/20/23 09:10
500-241330-21	MW-20	Water	10/18/23 11:00	10/20/23 09:10
500-241330-22	EB-01	Water	10/18/23 00:00	10/20/23 09:10
500-241330-23	TRIP BLANK	Water	10/18/23 00:00	10/20/23 09:10

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: P-4
Date Collected: 10/16/23 10:50
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-1
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 00:04	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 00:04	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 00:04	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 00:04	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 00:04	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 00:04	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 00:04	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 00:04	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 00:04	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:04	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 00:04	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 00:04	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 00:04	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 00:04	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:04	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 00:04	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:04	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 00:04	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 00:04	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 00:04	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 00:04	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:04	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 00:04	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 00:04	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 00:04	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 00:04	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 00:04	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 00:04	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 00:04	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 00:04	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 00:04	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 00:04	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 00:04	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 00:04	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 00:04	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 00:04	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 00:04	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 00:04	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 00:04	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 00:04	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 00:04	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 00:04	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: P-4
Lab Sample ID: 500-241330-1
Date Collected: 10/16/23 10:50
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:04	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 00:04	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:04	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 00:04	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 00:04	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 00:04	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 00:04	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 00:04	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 00:04	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 00:04	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*		*10/25/23 00:04*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*10/25/23 00:04*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*10/25/23 00:04*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*10/25/23 00:04*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-21
Date Collected: 10/16/23 11:35
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-2
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 00:29	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 00:29	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 00:29	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 00:29	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 00:29	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 00:29	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 00:29	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 00:29	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 00:29	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:29	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 00:29	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 00:29	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 00:29	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 00:29	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:29	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 00:29	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:29	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 00:29	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 00:29	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 00:29	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 00:29	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:29	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 00:29	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 00:29	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 00:29	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 00:29	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 00:29	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 00:29	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 00:29	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 00:29	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 00:29	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 00:29	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 00:29	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 00:29	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 00:29	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 00:29	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 00:29	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 00:29	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 00:29	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 00:29	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 00:29	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 00:29	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-21
Lab Sample ID: 500-241330-2
Date Collected: 10/16/23 11:35
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:29	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 00:29	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:29	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 00:29	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 00:29	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 00:29	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 00:29	1
Trichloroethene	**2.3**		0.50	0.16	ug/L			10/25/23 00:29	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 00:29	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 00:29	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 00:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*10/25/23 00:29*	*1*
4-Bromofluorobenzene (Surr)	*91*		*72 - 124*		*10/25/23 00:29*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*10/25/23 00:29*	*1*
Toluene-d8 (Surr)	*98*		*75 - 120*		*10/25/23 00:29*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-19
Date Collected: 10/16/23 13:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-3
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 00:53	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 00:53	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 00:53	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 00:53	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 00:53	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 00:53	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 00:53	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 00:53	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 00:53	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:53	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 00:53	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 00:53	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 00:53	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 00:53	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:53	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 00:53	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:53	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 00:53	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 00:53	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 00:53	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 00:53	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 00:53	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 00:53	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 00:53	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 00:53	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 00:53	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 00:53	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 00:53	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 00:53	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 00:53	1
cis-1,2-Dichloroethene	**3.1**		1.0	0.41	ug/L			10/25/23 00:53	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 00:53	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 00:53	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 00:53	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 00:53	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 00:53	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 00:53	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 00:53	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 00:53	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 00:53	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 00:53	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 00:53	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-19
Lab Sample ID: 500-241330-3
Date Collected: 10/16/23 13:00
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:53	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 00:53	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 00:53	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 00:53	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 00:53	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 00:53	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 00:53	1
Trichloroethene	**11**		0.50	0.16	ug/L			10/25/23 00:53	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 00:53	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 00:53	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/25/23 00:53*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/25/23 00:53*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/25/23 00:53*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*10/25/23 00:53*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-19 DUP
Lab Sample ID: 500-241330-4

Date Collected: 10/16/23 13:05
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 01:18	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 01:18	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 01:18	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 01:18	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 01:18	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 01:18	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 01:18	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 01:18	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 01:18	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 01:18	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 01:18	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 01:18	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 01:18	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 01:18	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 01:18	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 01:18	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 01:18	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 01:18	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 01:18	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 01:18	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 01:18	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 01:18	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 01:18	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 01:18	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 01:18	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 01:18	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 01:18	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 01:18	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 01:18	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 01:18	1
cis-1,2-Dichloroethene	**3.3**		1.0	0.41	ug/L			10/25/23 01:18	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 01:18	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 01:18	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 01:18	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 01:18	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 01:18	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 01:18	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 01:18	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 01:18	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 01:18	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 01:18	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 01:18	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-19 DUP
Lab Sample ID: 500-241330-4
Date Collected: 10/16/23 13:05
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 01:18	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 01:18	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 01:18	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 01:18	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 01:18	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 01:18	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 01:18	1
Trichloroethene	**12**		0.50	0.16	ug/L			10/25/23 01:18	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 01:18	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 01:18	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/25/23 01:18*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*10/25/23 01:18*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/25/23 01:18*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*10/25/23 01:18*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-18
Date Collected: 10/16/23 13:45
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 01:43	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 01:43	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 01:43	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 01:43	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 01:43	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 01:43	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 01:43	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 01:43	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 01:43	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 01:43	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 01:43	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 01:43	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 01:43	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 01:43	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 01:43	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 01:43	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 01:43	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 01:43	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 01:43	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 01:43	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 01:43	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 01:43	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 01:43	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 01:43	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 01:43	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 01:43	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 01:43	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 01:43	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 01:43	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 01:43	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 01:43	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 01:43	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 01:43	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 01:43	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 01:43	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 01:43	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 01:43	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 01:43	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 01:43	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 01:43	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 01:43	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 01:43	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-18
Lab Sample ID: 500-241330-5
Date Collected: 10/16/23 13:45
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 01:43	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 01:43	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 01:43	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 01:43	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 01:43	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 01:43	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 01:43	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 01:43	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 01:43	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 01:43	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 01:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*10/25/23 01:43*	*1*
4-Bromofluorobenzene (Surr)	*97*		*72 - 124*		*10/25/23 01:43*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*10/25/23 01:43*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*10/25/23 01:43*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-17
Date Collected: 10/16/23 14:30
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 02:08	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 02:08	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 02:08	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 02:08	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 02:08	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 02:08	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 02:08	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 02:08	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 02:08	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:08	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 02:08	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 02:08	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 02:08	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 02:08	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:08	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 02:08	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:08	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 02:08	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 02:08	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 02:08	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 02:08	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:08	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 02:08	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 02:08	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 02:08	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 02:08	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 02:08	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 02:08	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 02:08	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 02:08	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 02:08	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 02:08	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 02:08	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 02:08	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 02:08	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 02:08	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 02:08	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 02:08	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 02:08	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 02:08	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 02:08	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 02:08	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-17
Lab Sample ID: 500-241330-6
Date Collected: 10/16/23 14:30
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:08	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 02:08	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:08	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 02:08	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 02:08	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 02:08	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 02:08	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 02:08	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 02:08	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 02:08	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/25/23 02:08*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*10/25/23 02:08*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/25/23 02:08*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*10/25/23 02:08*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-22
Date Collected: 10/16/23 15:10
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 02:33	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 02:33	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 02:33	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 02:33	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 02:33	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 02:33	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 02:33	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 02:33	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 02:33	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:33	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 02:33	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 02:33	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 02:33	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 02:33	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:33	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 02:33	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:33	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 02:33	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 02:33	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 02:33	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 02:33	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:33	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 02:33	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 02:33	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 02:33	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 02:33	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 02:33	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 02:33	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 02:33	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 02:33	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 02:33	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 02:33	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 02:33	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 02:33	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 02:33	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 02:33	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 02:33	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 02:33	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 02:33	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 02:33	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 02:33	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 02:33	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-22
Lab Sample ID: 500-241330-7
Date Collected: 10/16/23 15:10
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:33	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 02:33	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:33	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 02:33	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 02:33	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 02:33	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 02:33	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 02:33	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 02:33	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 02:33	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*10/25/23 02:33*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*10/25/23 02:33*	*1*
Dibromofluoromethane (Surr)	*104*		*75 - 120*		*10/25/23 02:33*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*10/25/23 02:33*	*1*

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: P-2
Date Collected: 10/16/23 16:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 02:58	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 02:58	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 02:58	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 02:58	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 02:58	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 02:58	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 02:58	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 02:58	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 02:58	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:58	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 02:58	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 02:58	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 02:58	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 02:58	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:58	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 02:58	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:58	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 02:58	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 02:58	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 02:58	1
Benzene	**0.68**		0.50	0.15	ug/L			10/25/23 02:58	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 02:58	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 02:58	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 02:58	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 02:58	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 02:58	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 02:58	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 02:58	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 02:58	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 02:58	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 02:58	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 02:58	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 02:58	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 02:58	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 02:58	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 02:58	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 02:58	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 02:58	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 02:58	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 02:58	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 02:58	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 02:58	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: P-2
Lab Sample ID: 500-241330-8
Date Collected: 10/16/23 16:00
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:58	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 02:58	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 02:58	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 02:58	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 02:58	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 02:58	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 02:58	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 02:58	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 02:58	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 02:58	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*75 - 126*		*10/25/23 02:58*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*10/25/23 02:58*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/25/23 02:58*	*1*
Toluene-d8 (Surr)	*106*		*75 - 120*		*10/25/23 02:58*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: P-2 DUP
Lab Sample ID: 500-241330-9

Date Collected: 10/16/23 16:05
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 03:22	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 03:22	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 03:22	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 03:22	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 03:22	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 03:22	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 03:22	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 03:22	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 03:22	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 03:22	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 03:22	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 03:22	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 03:22	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 03:22	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 03:22	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 03:22	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 03:22	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 03:22	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 03:22	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 03:22	1
Benzene	**0.61**		0.50	0.15	ug/L			10/25/23 03:22	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 03:22	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 03:22	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 03:22	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 03:22	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 03:22	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 03:22	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 03:22	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 03:22	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 03:22	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 03:22	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 03:22	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 03:22	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 03:22	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 03:22	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 03:22	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 03:22	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 03:22	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 03:22	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 03:22	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 03:22	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 03:22	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: P-2 DUP
Lab Sample ID: 500-241330-9
Date Collected: 10/16/23 16:05
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 03:22	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 03:22	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 03:22	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 03:22	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 03:22	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 03:22	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 03:22	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 03:22	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 03:22	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 03:22	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 03:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*10/25/23 03:22*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*10/25/23 03:22*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*10/25/23 03:22*	*1*
Toluene-d8 (Surr)	*99*		*75 - 120*		*10/25/23 03:22*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: EB-01
Date Collected: 10/16/23 16:15
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-10
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 03:47	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 03:47	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 03:47	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 03:47	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 03:47	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 03:47	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 03:47	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 03:47	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 03:47	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 03:47	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 03:47	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 03:47	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 03:47	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 03:47	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 03:47	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 03:47	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 03:47	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 03:47	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 03:47	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 03:47	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 03:47	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 03:47	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 03:47	1
Bromodichloromethane	**1.5**		1.0	0.37	ug/L			10/25/23 03:47	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 03:47	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 03:47	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 03:47	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 03:47	1
Chloroform	**3.0**		2.0	0.37	ug/L			10/25/23 03:47	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 03:47	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 03:47	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 03:47	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 03:47	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 03:47	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 03:47	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 03:47	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 03:47	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 03:47	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 03:47	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 03:47	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 03:47	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 03:47	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: EB-01
Lab Sample ID: 500-241330-10
Date Collected: 10/16/23 16:15
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 03:47	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 03:47	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 03:47	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 03:47	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 03:47	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 03:47	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 03:47	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 03:47	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 03:47	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 03:47	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 03:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*75 - 126*		*10/25/23 03:47*	*1*
4-Bromofluorobenzene (Surr)	*93*		*72 - 124*		*10/25/23 03:47*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 120*		*10/25/23 03:47*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*10/25/23 03:47*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-5
Date Collected: 10/17/23 09:10
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-11
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 04:11	1
1,1,1-Trichloroethane	**2.5**		1.0	0.38	ug/L			10/25/23 04:11	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 04:11	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 04:11	1
1,1-Dichloroethane	**2.4**		1.0	0.41	ug/L			10/25/23 04:11	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 04:11	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 04:11	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 04:11	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 04:11	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 04:11	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 04:11	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 04:11	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 04:11	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 04:11	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 04:11	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 04:11	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 04:11	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 04:11	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 04:11	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 04:11	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 04:11	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 04:11	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 04:11	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 04:11	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 04:11	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 04:11	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 04:11	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 04:11	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 04:11	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 04:11	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 04:11	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 04:11	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 04:11	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 04:11	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 04:11	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 04:11	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 04:11	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 04:11	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 04:11	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 04:11	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 04:11	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 04:11	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-5
Lab Sample ID: 500-241330-11
Date Collected: 10/17/23 09:10
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 04:11	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 04:11	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 04:11	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 04:11	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 04:11	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 04:11	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 04:11	1
Trichloroethene	**8.7**		0.50	0.16	ug/L			10/25/23 04:11	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 04:11	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 04:11	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*10/25/23 04:11*	*1*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*		*10/25/23 04:11*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*10/25/23 04:11*	*1*
Toluene-d8 (Surr)	*103*		*75 - 120*		*10/25/23 04:11*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-11
Date Collected: 10/17/23 09:50
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-12
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 04:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 04:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 04:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 04:36	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 04:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 04:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 04:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 04:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 04:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 04:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 04:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 04:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 04:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 04:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 04:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 04:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 04:36	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 04:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 04:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 04:36	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 04:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 04:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 04:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 04:36	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 04:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 04:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 04:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 04:36	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 04:36	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 04:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 04:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 04:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 04:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 04:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 04:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 04:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 04:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 04:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 04:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 04:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 04:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 04:36	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-11
Lab Sample ID: 500-241330-12
Date Collected: 10/17/23 09:50
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 04:36	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 04:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 04:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 04:36	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 04:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 04:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 04:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 04:36	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 04:36	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 04:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 04:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*75 - 126*		*10/25/23 04:36*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/25/23 04:36*	*1*
Dibromofluoromethane (Surr)	*98*		*75 - 120*		*10/25/23 04:36*	*1*
Toluene-d8 (Surr)	*105*		*75 - 120*		*10/25/23 04:36*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-10
Date Collected: 10/17/23 10:30
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-13
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 05:00	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 05:00	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 05:00	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 05:00	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 05:00	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 05:00	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 05:00	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 05:00	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 05:00	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:00	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 05:00	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 05:00	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 05:00	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 05:00	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:00	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 05:00	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:00	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 05:00	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 05:00	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 05:00	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 05:00	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:00	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 05:00	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 05:00	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 05:00	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 05:00	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 05:00	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 05:00	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 05:00	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 05:00	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 05:00	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 05:00	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 05:00	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 05:00	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 05:00	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 05:00	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 05:00	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 05:00	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 05:00	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 05:00	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 05:00	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 05:00	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-10
Lab Sample ID: 500-241330-13
Date Collected: 10/17/23 10:30
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:00	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 05:00	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:00	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 05:00	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 05:00	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 05:00	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 05:00	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 05:00	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 05:00	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 05:00	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*10/25/23 05:00*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/25/23 05:00*	*1*
Dibromofluoromethane (Surr)	*97*		*75 - 120*		*10/25/23 05:00*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*10/25/23 05:00*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-9
Date Collected: 10/17/23 11:15
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-14
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 05:25	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 05:25	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 05:25	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 05:25	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 05:25	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 05:25	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 05:25	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 05:25	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 05:25	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:25	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 05:25	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 05:25	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 05:25	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 05:25	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:25	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 05:25	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:25	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 05:25	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 05:25	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 05:25	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 05:25	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:25	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 05:25	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 05:25	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 05:25	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 05:25	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 05:25	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 05:25	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 05:25	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 05:25	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 05:25	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 05:25	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 05:25	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 05:25	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 05:25	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 05:25	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 05:25	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 05:25	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 05:25	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 05:25	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 05:25	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 05:25	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-9
Lab Sample ID: 500-241330-14
Date Collected: 10/17/23 11:15
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:25	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 05:25	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:25	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 05:25	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 05:25	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 05:25	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 05:25	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 05:25	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 05:25	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 05:25	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 05:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*75 - 126*		*10/25/23 05:25*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*10/25/23 05:25*	*1*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*10/25/23 05:25*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*10/25/23 05:25*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-13
Date Collected: 10/17/23 12:20
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-15
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 05:49	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 05:49	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 05:49	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 05:49	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 05:49	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 05:49	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 05:49	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 05:49	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 05:49	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:49	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 05:49	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 05:49	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 05:49	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 05:49	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:49	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 05:49	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:49	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 05:49	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 05:49	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 05:49	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 05:49	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 05:49	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 05:49	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 05:49	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 05:49	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 05:49	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 05:49	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 05:49	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 05:49	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 05:49	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 05:49	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 05:49	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 05:49	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 05:49	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 05:49	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 05:49	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 05:49	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 05:49	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 05:49	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 05:49	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 05:49	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 05:49	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-13
Lab Sample ID: 500-241330-15
Date Collected: 10/17/23 12:20
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:49	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 05:49	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 05:49	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 05:49	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 05:49	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 05:49	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 05:49	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 05:49	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 05:49	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 05:49	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*75 - 126*		*10/25/23 05:49*	*1*
4-Bromofluorobenzene (Surr)	*92*		*72 - 124*		*10/25/23 05:49*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*10/25/23 05:49*	*1*
Toluene-d8 (Surr)	*97*		*75 - 120*		*10/25/23 05:49*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-15
Date Collected: 10/17/23 13:05
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-16
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 06:14	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 06:14	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 06:14	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 06:14	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 06:14	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 06:14	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 06:14	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 06:14	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 06:14	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 06:14	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 06:14	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 06:14	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 06:14	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 06:14	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 06:14	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 06:14	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 06:14	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 06:14	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 06:14	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 06:14	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 06:14	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 06:14	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 06:14	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 06:14	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 06:14	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 06:14	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 06:14	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 06:14	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 06:14	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 06:14	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 06:14	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 06:14	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 06:14	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 06:14	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 06:14	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 06:14	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 06:14	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 06:14	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 06:14	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 06:14	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 06:14	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 06:14	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-15
Lab Sample ID: 500-241330-16
Date Collected: 10/17/23 13:05
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 06:14	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 06:14	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 06:14	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 06:14	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 06:14	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 06:14	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 06:14	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 06:14	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 06:14	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 06:14	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*10/25/23 06:14*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/25/23 06:14*	*1*
Dibromofluoromethane (Surr)	*103*		*75 - 120*		*10/25/23 06:14*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*10/25/23 06:14*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-16
Date Collected: 10/17/23 13:40
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-17
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 06:39	1
1,1,1-Trichloroethane	**73**		1.0	0.38	ug/L			10/25/23 06:39	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 06:39	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 06:39	1
1,1-Dichloroethane	**7.9**		1.0	0.41	ug/L			10/25/23 06:39	1
1,1-Dichloroethene	**3.9**		1.0	0.39	ug/L			10/25/23 06:39	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 06:39	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 06:39	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 06:39	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 06:39	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 06:39	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 06:39	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 06:39	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 06:39	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 06:39	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 06:39	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 06:39	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 06:39	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 06:39	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 06:39	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 06:39	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 06:39	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 06:39	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 06:39	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 06:39	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 06:39	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 06:39	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 06:39	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 06:39	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 06:39	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 06:39	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 06:39	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 06:39	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 06:39	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 06:39	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 06:39	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 06:39	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 06:39	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 06:39	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 06:39	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 06:39	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 06:39	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 06:39	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 06:39	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 06:39	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 06:39	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 06:39	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 06:39	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 06:39	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-16
Lab Sample ID: 500-241330-17
Date Collected: 10/17/23 13:40
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 06:39	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 06:39	1
Tetrachloroethene	**1.9**		1.0	0.37	ug/L			10/25/23 06:39	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 06:39	1
trans-1,2-Dichloroethene	**1.1**		1.0	0.35	ug/L			10/25/23 06:39	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 06:39	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 06:39	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 06:39	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 06:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*75 - 126*		*10/25/23 06:39*	*1*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*		*10/25/23 06:39*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*10/25/23 06:39*	*1*
Toluene-d8 (Surr)	*102*		*75 - 120*		*10/25/23 06:39*	*1*

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	**410**		10	4.1	ug/L			10/25/23 07:04	10
Trichloroethene	**1300**		5.0	1.6	ug/L			10/25/23 07:04	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*10/25/23 07:04*	*10*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*10/25/23 07:04*	*10*
Dibromofluoromethane (Surr)	*99*		*75 - 120*		*10/25/23 07:04*	*10*
Toluene-d8 (Surr)	*103*		*75 - 120*		*10/25/23 07:04*	*10*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-14
Date Collected: 10/17/23 14:20
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-18
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 07:28	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 07:28	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 07:28	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 07:28	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 07:28	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 07:28	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 07:28	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 07:28	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 07:28	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 07:28	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 07:28	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 07:28	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 07:28	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 07:28	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 07:28	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 07:28	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 07:28	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 07:28	1
2-Chlorotoluene	<0.31	F1	1.0	0.31	ug/L			10/25/23 07:28	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 07:28	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 07:28	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 07:28	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 07:28	1
Bromodichloromethane	<0.37	F1	1.0	0.37	ug/L			10/25/23 07:28	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 07:28	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 07:28	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 07:28	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 07:28	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 07:28	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 07:28	1
cis-1,2-Dichloroethene	**3.1**		1.0	0.41	ug/L			10/25/23 07:28	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 07:28	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 07:28	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 07:28	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 07:28	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 07:28	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 07:28	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 07:28	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 07:28	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 07:28	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 07:28	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 07:28	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-14
Lab Sample ID: 500-241330-18
Date Collected: 10/17/23 14:20
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 07:28	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 07:28	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 07:28	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 07:28	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 07:28	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 07:28	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 07:28	1
Trichloroethene	**26**		0.50	0.16	ug/L			10/25/23 07:28	1
Trichlorofluoromethane	<0.43	*+	1.0	0.43	ug/L			10/25/23 07:28	1
Vinyl chloride	<0.20	*+	1.0	0.20	ug/L			10/25/23 07:28	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 07:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*75 - 126*		*10/25/23 07:28*	*1*
4-Bromofluorobenzene (Surr)	*95*		*72 - 124*		*10/25/23 07:28*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 120*		*10/25/23 07:28*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*10/25/23 07:28*	*1*

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: P-3
Date Collected: 10/17/23 15:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-19
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 14:02	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 14:02	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 14:02	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 14:02	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 14:02	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 14:02	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 14:02	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 14:02	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 14:02	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 14:02	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 14:02	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 14:02	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 14:02	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 14:02	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 14:02	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 14:02	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 14:02	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 14:02	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 14:02	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 14:02	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 14:02	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 14:02	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 14:02	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 14:02	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 14:02	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 14:02	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 14:02	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 14:02	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 14:02	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 14:02	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 14:02	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 14:02	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 14:02	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 14:02	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 14:02	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 14:02	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 14:02	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 14:02	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 14:02	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 14:02	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 14:02	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 14:02	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: P-3
Lab Sample ID: 500-241330-19
Date Collected: 10/17/23 15:00
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 14:02	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 14:02	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 14:02	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 14:02	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 14:02	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 14:02	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 14:02	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 14:02	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/25/23 14:02	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/25/23 14:02	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/25/23 14:02*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 124*		*10/25/23 14:02*	*1*
Dibromofluoromethane (Surr)	*91*		*75 - 120*		*10/25/23 14:02*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/25/23 14:02*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: EB-01
Lab Sample ID: 500-241330-20
Date Collected: 10/17/23 15:15
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 13:37	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 13:37	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 13:37	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 13:37	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 13:37	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 13:37	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 13:37	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 13:37	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 13:37	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 13:37	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 13:37	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 13:37	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 13:37	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 13:37	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 13:37	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 13:37	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 13:37	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 13:37	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 13:37	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 13:37	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 13:37	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 13:37	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 13:37	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 13:37	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 13:37	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 13:37	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 13:37	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 13:37	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 13:37	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 13:37	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 13:37	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 13:37	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 13:37	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 13:37	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 13:37	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 13:37	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 13:37	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 13:37	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 13:37	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 13:37	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 13:37	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 13:37	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: EB-01
Lab Sample ID: 500-241330-20
Date Collected: 10/17/23 15:15
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 13:37	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 13:37	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 13:37	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 13:37	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 13:37	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 13:37	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 13:37	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 13:37	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/25/23 13:37	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/25/23 13:37	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/25/23 13:37*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*10/25/23 13:37*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 120*		*10/25/23 13:37*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/25/23 13:37*	*1*

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: MW-20

Date Collected: 10/18/23 11:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-21

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 14:26	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 14:26	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 14:26	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 14:26	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 14:26	1
1,1-Dichloroethene	<0.39	F2	1.0	0.39	ug/L			10/25/23 14:26	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 14:26	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 14:26	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 14:26	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 14:26	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 14:26	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 14:26	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 14:26	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 14:26	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 14:26	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 14:26	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 14:26	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 14:26	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 14:26	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 14:26	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 14:26	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 14:26	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 14:26	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 14:26	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 14:26	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 14:26	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 14:26	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 14:26	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 14:26	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 14:26	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 14:26	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 14:26	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 14:26	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 14:26	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 14:26	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 14:26	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 14:26	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 14:26	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 14:26	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 14:26	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 14:26	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 14:26	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 14:26	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 14:26	1
Methylene Chloride	<1.6	F2	5.0	1.6	ug/L			10/25/23 14:26	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 14:26	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 14:26	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 14:26	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 14:26	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: MW-20
Lab Sample ID: 500-241330-21
Date Collected: 10/18/23 11:00
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 14:26	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 14:26	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 14:26	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 14:26	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 14:26	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 14:26	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 14:26	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 14:26	1
Trichlorofluoromethane	<0.43	F1 F2	1.0	0.43	ug/L			10/25/23 14:26	1
Vinyl chloride	<0.20	F1	1.0	0.20	ug/L			10/25/23 14:26	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 14:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*10/25/23 14:26*	*1*
4-Bromofluorobenzene (Surr)	*105*		*72 - 124*		*10/25/23 14:26*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 120*		*10/25/23 14:26*	*1*
Toluene-d8 (Surr)	*94*		*75 - 120*		*10/25/23 14:26*	*1*

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: EB-01
Date Collected: 10/18/23 00:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-22
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 13:13	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 13:13	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 13:13	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 13:13	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 13:13	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 13:13	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 13:13	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 13:13	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 13:13	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 13:13	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 13:13	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 13:13	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 13:13	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 13:13	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 13:13	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 13:13	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 13:13	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 13:13	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 13:13	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 13:13	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 13:13	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 13:13	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 13:13	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 13:13	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 13:13	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 13:13	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 13:13	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 13:13	1
Chloroform	**0.88**	**J**	2.0	0.37	ug/L			10/25/23 13:13	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 13:13	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 13:13	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 13:13	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 13:13	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 13:13	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 13:13	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 13:13	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 13:13	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 13:13	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 13:13	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 13:13	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 13:13	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 13:13	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: EB-01
Lab Sample ID: 500-241330-22
Date Collected: 10/18/23 00:00
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 13:13	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 13:13	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 13:13	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 13:13	1
Toluene	**0.23**	**J**	0.50	0.15	ug/L			10/25/23 13:13	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 13:13	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 13:13	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 13:13	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/25/23 13:13	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/25/23 13:13	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*83*		*75 - 126*		*10/25/23 13:13*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*10/25/23 13:13*	*1*
Dibromofluoromethane (Surr)	*89*		*75 - 120*		*10/25/23 13:13*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/25/23 13:13*	*1*

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-241330-23

Date Collected: 10/18/23 00:00
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 12:48	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 12:48	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 12:48	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 12:48	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 12:48	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 12:48	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 12:48	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 12:48	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 12:48	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 12:48	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 12:48	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 12:48	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 12:48	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 12:48	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 12:48	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 12:48	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 12:48	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 12:48	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 12:48	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 12:48	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 12:48	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 12:48	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 12:48	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 12:48	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 12:48	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 12:48	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 12:48	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 12:48	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 12:48	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 12:48	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 12:48	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 12:48	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 12:48	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 12:48	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 12:48	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 12:48	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 12:48	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 12:48	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 12:48	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 12:48	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 12:48	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 12:48	1

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Client Sample ID: TRIP BLANK
Lab Sample ID: 500-241330-23
Date Collected: 10/18/23 00:00
Matrix: Water
Date Received: 10/20/23 09:10

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 12:48	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 12:48	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 12:48	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 12:48	1
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 12:48	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 12:48	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 12:48	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 12:48	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/25/23 12:48	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/25/23 12:48	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*10/25/23 12:48*	*1*
4-Bromofluorobenzene (Surr)	*106*		*72 - 124*		*10/25/23 12:48*	*1*
Dibromofluoromethane (Surr)	*88*		*75 - 120*		*10/25/23 12:48*	*1*
Toluene-d8 (Surr)	*95*		*75 - 120*		*10/25/23 12:48*	*1*

Definitions/Glossary

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

GC/MS VOA

Analysis Batch: 738678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241330-1	P-4	Total/NA	Water	8260D	
500-241330-2	MW-21	Total/NA	Water	8260D	
500-241330-3	MW-19	Total/NA	Water	8260D	
500-241330-4	MW-19 DUP	Total/NA	Water	8260D	
500-241330-5	MW-18	Total/NA	Water	8260D	
500-241330-6	MW-17	Total/NA	Water	8260D	
500-241330-7	MW-22	Total/NA	Water	8260D	
500-241330-8	P-2	Total/NA	Water	8260D	
500-241330-9	P-2 DUP	Total/NA	Water	8260D	
500-241330-10	EB-01	Total/NA	Water	8260D	
500-241330-11	MW-5	Total/NA	Water	8260D	
500-241330-12	MW-11	Total/NA	Water	8260D	
500-241330-13	MW-10	Total/NA	Water	8260D	
500-241330-14	MW-9	Total/NA	Water	8260D	
500-241330-15	MW-13	Total/NA	Water	8260D	
500-241330-16	MW-15	Total/NA	Water	8260D	
500-241330-17	MW-16	Total/NA	Water	8260D	
500-241330-17 - DL	MW-16	Total/NA	Water	8260D	
500-241330-18	MW-14	Total/NA	Water	8260D	
MB 500-738678/9	Method Blank	Total/NA	Water	8260D	
LCS 500-738678/33	Lab Control Sample	Total/NA	Water	8260D	
500-241330-18 MS	MW-14	Total/NA	Water	8260D	
500-241330-18 MSD	MW-14	Total/NA	Water	8260D	

Analysis Batch: 738716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
500-241330-19	P-3	Total/NA	Water	8260D	
500-241330-20	EB-01	Total/NA	Water	8260D	
500-241330-21	MW-20	Total/NA	Water	8260D	
500-241330-22	EB-01	Total/NA	Water	8260D	
500-241330-23	TRIP BLANK	Total/NA	Water	8260D	
MB 500-738716/6	Method Blank	Total/NA	Water	8260D	
LCS 500-738716/4	Lab Control Sample	Total/NA	Water	8260D	
500-241330-21 MS	MW-20	Total/NA	Water	8260D	
500-241330-21 MSD	MW-20	Total/NA	Water	8260D	

Surrogate Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(75-126)	(72-124)	(75-120)	(75-120)
500-241330-1	P-4	99	92	97	102
500-241330-2	MW-21	102	91	100	98
500-241330-3	MW-19	98	94	96	105
500-241330-4	MW-19 DUP	98	96	96	105
500-241330-5	MW-18	104	97	98	103
500-241330-6	MW-17	98	96	96	105
500-241330-7	MW-22	101	95	104	101
500-241330-8	P-2	98	93	96	106
500-241330-9	P-2 DUP	100	90	101	99
500-241330-10	EB-01	105	93	96	101
500-241330-11	MW-5	101	90	97	103
500-241330-12	MW-11	103	94	98	105
500-241330-13	MW-10	101	94	97	102
500-241330-14	MW-9	100	92	99	101
500-241330-15	MW-13	106	92	101	97
500-241330-16	MW-15	104	94	103	101
500-241330-17	MW-16	104	96	101	102
500-241330-17 - DL	MW-16	101	95	99	103
500-241330-18	MW-14	102	95	101	101
500-241330-18 MS	MW-14	99	90	99	101
500-241330-18 MSD	MW-14	97	87	98	102
500-241330-19	P-3	83	103	91	93
500-241330-20	EB-01	83	106	89	95
500-241330-21	MW-20	82	105	89	94
500-241330-21 MS	MW-20	80	100	92	95
500-241330-21 MSD	MW-20	81	100	93	93
500-241330-22	EB-01	83	106	89	95
500-241330-23	TRIP BLANK	82	106	88	95
LCS 500-738678/33	Lab Control Sample	94	85	94	103
LCS 500-738716/4	Lab Control Sample	79	96	92	94
MB 500-738678/9	Method Blank	101	94	100	101
MB 500-738716/6	Method Blank	82	101	88	93

Surrogate Legend

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

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 500-738678/9
Matrix: Water
Analysis Batch: 738678

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/24/23 23:40	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/24/23 23:40	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/24/23 23:40	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/24/23 23:40	1
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/24/23 23:40	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/24/23 23:40	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/24/23 23:40	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/24/23 23:40	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/24/23 23:40	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/24/23 23:40	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/24/23 23:40	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/24/23 23:40	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/24/23 23:40	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/24/23 23:40	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/24/23 23:40	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/24/23 23:40	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/24/23 23:40	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/24/23 23:40	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/24/23 23:40	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/24/23 23:40	1
Benzene	<0.15		0.50	0.15	ug/L			10/24/23 23:40	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/24/23 23:40	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/24/23 23:40	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/24/23 23:40	1
Bromoform	<0.48		1.0	0.48	ug/L			10/24/23 23:40	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/24/23 23:40	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/24/23 23:40	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/24/23 23:40	1
Chloroform	<0.37		2.0	0.37	ug/L			10/24/23 23:40	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/24/23 23:40	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/24/23 23:40	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/24/23 23:40	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/24/23 23:40	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/24/23 23:40	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/24/23 23:40	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/24/23 23:40	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/24/23 23:40	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/24/23 23:40	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/24/23 23:40	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/24/23 23:40	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/24/23 23:40	1

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

Lab Sample ID: MB 500-738678/9
Matrix: Water
Analysis Batch: 738678

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/24/23 23:40	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 23:40	1
Styrene	<0.39		1.0	0.39	ug/L			10/24/23 23:40	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/24/23 23:40	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/24/23 23:40	1
Toluene	<0.15		0.50	0.15	ug/L			10/24/23 23:40	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/24/23 23:40	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/24/23 23:40	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/24/23 23:40	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/24/23 23:40	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/24/23 23:40	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/24/23 23:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*75 - 126*		*10/24/23 23:40*	*1*
4-Bromofluorobenzene (Surr)	*94*		*72 - 124*		*10/24/23 23:40*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 120*		*10/24/23 23:40*	*1*
Toluene-d8 (Surr)	*101*		*75 - 120*		*10/24/23 23:40*	*1*

Lab Sample ID: LCS 500-738678/33
Matrix: Water
Analysis Batch: 738678

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	51.7		ug/L		103	70 - 125
1,1,1-Trichloroethane	50.0	55.7		ug/L		111	70 - 125
1,1,2,2-Tetrachloroethane	50.0	37.9		ug/L		76	62 - 140
1,1,2-Trichloroethane	50.0	41.4		ug/L		83	71 - 130
1,1-Dichloroethane	50.0	47.5		ug/L		95	70 - 125
1,1-Dichloroethene	50.0	53.9		ug/L		108	67 - 122
1,1-Dichloropropene	50.0	53.3		ug/L		107	70 - 121
1,2,3-Trichlorobenzene	50.0	52.3		ug/L		105	51 - 145
1,2,3-Trichloropropane	50.0	43.0		ug/L		86	50 - 133
1,2,4-Trichlorobenzene	50.0	52.5		ug/L		105	57 - 137
1,2,4-Trimethylbenzene	50.0	44.2		ug/L		88	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	39.0		ug/L		78	56 - 123
1,2-Dibromoethane	50.0	43.5		ug/L		87	70 - 125
1,2-Dichlorobenzene	50.0	46.4		ug/L		93	70 - 125
1,2-Dichloroethane	50.0	43.4		ug/L		87	68 - 127
1,2-Dichloropropane	50.0	44.4		ug/L		89	67 - 130
1,3,5-Trimethylbenzene	50.0	45.4		ug/L		91	70 - 123
1,3-Dichlorobenzene	50.0	49.2		ug/L		98	70 - 125
1,3-Dichloropropane	50.0	44.8		ug/L		90	62 - 136
1,4-Dichlorobenzene	50.0	47.9		ug/L		96	70 - 120
2,2-Dichloropropane	50.0	53.9		ug/L		108	58 - 139
2-Chlorotoluene	50.0	41.2		ug/L		82	70 - 125
4-Chlorotoluene	50.0	42.8		ug/L		86	68 - 124
Benzene	50.0	46.6		ug/L		93	70 - 120

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

Lab Sample ID: LCS 500-738678/33
Matrix: Water
Analysis Batch: 738678

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromobenzene	50.0	42.4		ug/L		85	70 - 122
Bromochloromethane	50.0	48.5		ug/L		97	65 - 122
Bromodichloromethane	50.0	40.1		ug/L		80	69 - 120
Bromoform	50.0	43.6		ug/L		87	56 - 132
Bromomethane	50.0	52.5		ug/L		105	40 - 152
Carbon tetrachloride	50.0	61.6		ug/L		123	59 - 133
Chlorobenzene	50.0	48.3		ug/L		97	70 - 120
Chloroethane	50.0	54.3		ug/L		109	48 - 136
Chloroform	50.0	48.8		ug/L		98	70 - 120
Chloromethane	50.0	59.8		ug/L		120	56 - 152
cis-1,2-Dichloroethene	50.0	44.3		ug/L		89	70 - 125
cis-1,3-Dichloropropene	50.0	42.8		ug/L		86	64 - 127
Dibromochloromethane	50.0	44.8		ug/L		90	68 - 125
Dibromomethane	50.0	48.9		ug/L		98	70 - 120
Dichlorodifluoromethane	50.0	65.5		ug/L		131	40 - 159
Ethylbenzene	50.0	49.9		ug/L		100	70 - 123
Hexachlorobutadiene	50.0	63.7		ug/L		127	51 - 150
Isopropylbenzene	50.0	45.1		ug/L		90	70 - 126
Methyl tert-butyl ether	50.0	42.9		ug/L		86	55 - 123
Methylene Chloride	50.0	47.9		ug/L		96	69 - 125
Naphthalene	50.0	43.2		ug/L		86	53 - 144
n-Butylbenzene	50.0	50.5		ug/L		101	68 - 125
N-Propylbenzene	50.0	44.3		ug/L		89	69 - 127
p-Isopropyltoluene	50.0	49.9		ug/L		100	70 - 125
sec-Butylbenzene	50.0	49.5		ug/L		99	70 - 123
Styrene	50.0	46.2		ug/L		92	70 - 120
tert-Butylbenzene	50.0	46.9		ug/L		94	70 - 121
Tetrachloroethene	50.0	60.7		ug/L		121	70 - 128
Toluene	50.0	49.6		ug/L		99	70 - 125
trans-1,2-Dichloroethene	50.0	47.3		ug/L		95	70 - 125
trans-1,3-Dichloropropene	50.0	43.8		ug/L		88	62 - 128
Trichloroethene	50.0	51.5		ug/L		103	70 - 125
Trichlorofluoromethane	50.0	78.1	*+	ug/L		156	55 - 128
Vinyl chloride	50.0	63.9	*+	ug/L		128	64 - 126
Xylenes, Total	100	98.6		ug/L		99	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*75 - 126*
4-Bromofluorobenzene (Surr)	*85*		*72 - 124*
Dibromofluoromethane (Surr)	*94*		*75 - 120*
Toluene-d8 (Surr)	*103*		*75 - 120*

Lab Sample ID: 500-241330-18 MS
Matrix: Water
Analysis Batch: 738678

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	43.5		ug/L		87	70 - 125

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

Lab Sample ID: 500-241330-18 MS
Matrix: Water
Analysis Batch: 738678

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	<0.38		50.0	43.6		ug/L		87	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	31.8		ug/L		64	62 - 140
1,1,2-Trichloroethane	<0.35		50.0	35.8		ug/L		72	71 - 130
1,1-Dichloroethane	<0.41		50.0	41.6		ug/L		83	70 - 125
1,1-Dichloroethene	<0.39		50.0	40.9		ug/L		82	67 - 122
1,1-Dichloropropene	<0.30		50.0	40.4		ug/L		81	70 - 121
1,2,3-Trichlorobenzene	<0.46		50.0	40.6		ug/L		81	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	37.3		ug/L		75	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	41.3		ug/L		83	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	36.1		ug/L		72	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0		50.0	31.1		ug/L		62	56 - 123
1,2-Dibromoethane	<0.39		50.0	36.8		ug/L		74	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	38.2		ug/L		76	70 - 125
1,2-Dichloroethane	<0.39		50.0	37.4		ug/L		75	68 - 127
1,2-Dichloropropane	<0.43		50.0	34.6		ug/L		69	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	36.7		ug/L		73	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	39.1		ug/L		78	70 - 125
1,3-Dichloropropane	<0.36		50.0	36.4		ug/L		73	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	38.3		ug/L		77	70 - 120
2,2-Dichloropropane	<0.44		50.0	38.8		ug/L		78	58 - 139
2-Chlorotoluene	<0.31	F1	50.0	34.3	F1	ug/L		69	70 - 125
4-Chlorotoluene	<0.35		50.0	36.4		ug/L		73	68 - 124
Benzene	<0.15		50.0	39.1		ug/L		78	70 - 120
Bromobenzene	<0.36		50.0	36.8		ug/L		74	70 - 122
Bromochloromethane	<0.43		50.0	41.7		ug/L		83	65 - 122
Bromodichloromethane	<0.37	F1	50.0	33.4	F1	ug/L		67	69 - 120
Bromoform	<0.48		50.0	36.4		ug/L		73	56 - 132
Bromomethane	<0.80		50.0	38.6		ug/L		77	40 - 152
Carbon tetrachloride	<0.38		50.0	46.8		ug/L		94	59 - 133
Chlorobenzene	<0.39		50.0	39.8		ug/L		80	70 - 120
Chloroethane	<0.51		50.0	36.8		ug/L		74	48 - 136
Chloroform	<0.37		50.0	42.1		ug/L		84	70 - 120
Chloromethane	<0.32		50.0	40.9		ug/L		82	56 - 152
cis-1,2-Dichloroethene	3.1		50.0	41.7		ug/L		77	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	34.9		ug/L		70	64 - 127
Dibromochloromethane	<0.49		50.0	37.2		ug/L		74	68 - 125
Dibromomethane	<0.27		50.0	39.1		ug/L		78	70 - 120
Dichlorodifluoromethane	<0.67		50.0	45.1		ug/L		90	40 - 159
Ethylbenzene	<0.18		50.0	39.4		ug/L		79	70 - 123
Hexachlorobutadiene	<0.45		50.0	50.0		ug/L		100	51 - 150
Isopropylbenzene	<0.39		50.0	36.8		ug/L		74	70 - 126
Methyl tert-butyl ether	<0.39		50.0	34.6		ug/L		69	55 - 123
Methylene Chloride	<1.6		50.0	40.1		ug/L		80	69 - 125
Naphthalene	<0.34		50.0	33.9		ug/L		68	53 - 144
n-Butylbenzene	<0.39		50.0	38.1		ug/L		76	68 - 125
N-Propylbenzene	<0.41		50.0	36.4		ug/L		73	69 - 127
p-Isopropyltoluene	<0.36		50.0	38.4		ug/L		77	70 - 125
sec-Butylbenzene	<0.40		50.0	39.5		ug/L		79	70 - 123
Styrene	<0.39		50.0	36.1		ug/L		72	70 - 120

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

Lab Sample ID: 500-241330-18 MS
Matrix: Water
Analysis Batch: 738678

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
tert-Butylbenzene	<0.40		50.0	37.2		ug/L		74	70 - 121
Tetrachloroethene	<0.37		50.0	48.8		ug/L		98	70 - 128
Toluene	<0.15		50.0	40.4		ug/L		81	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	39.1		ug/L		78	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	35.7		ug/L		71	62 - 128
Trichloroethene	26		50.0	63.6		ug/L		76	70 - 125
Trichlorofluoromethane	<0.43	*+	50.0	55.0		ug/L		110	55 - 128
Vinyl chloride	<0.20	*+	50.0	42.6		ug/L		85	64 - 126
Xylenes, Total	<0.22		100	77.7		ug/L		78	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*75 - 126*
4-Bromofluorobenzene (Surr)	*90*		*72 - 124*
Dibromofluoromethane (Surr)	*99*		*75 - 120*
Toluene-d8 (Surr)	*101*		*75 - 120*

Lab Sample ID: 500-241330-18 MSD
Matrix: Water
Analysis Batch: 738678

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	44.5		ug/L		89	70 - 125	2	20
1,1,1-Trichloroethane	<0.38		50.0	44.1		ug/L		88	70 - 125	1	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	34.0		ug/L		68	62 - 140	6	20
1,1,2-Trichloroethane	<0.35		50.0	39.1		ug/L		78	71 - 130	9	20
1,1-Dichloroethane	<0.41		50.0	40.2		ug/L		80	70 - 125	4	20
1,1-Dichloroethene	<0.39		50.0	41.5		ug/L		83	67 - 122	2	20
1,1-Dichloropropene	<0.30		50.0	43.7		ug/L		87	70 - 121	8	20
1,2,3-Trichlorobenzene	<0.46		50.0	45.3		ug/L		91	51 - 145	11	20
1,2,3-Trichloropropane	<0.41		50.0	40.0		ug/L		80	50 - 133	7	20
1,2,4-Trichlorobenzene	<0.34		50.0	44.4		ug/L		89	57 - 137	7	20
1,2,4-Trimethylbenzene	<0.36		50.0	38.0		ug/L		76	70 - 123	5	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	36.9		ug/L		74	56 - 123	17	20
1,2-Dibromoethane	<0.39		50.0	39.9		ug/L		80	70 - 125	8	20
1,2-Dichlorobenzene	<0.33		50.0	41.8		ug/L		84	70 - 125	9	20
1,2-Dichloroethane	<0.39		50.0	39.7		ug/L		79	68 - 127	6	20
1,2-Dichloropropane	<0.43		50.0	39.3		ug/L		79	67 - 130	13	20
1,3,5-Trimethylbenzene	<0.25		50.0	39.1		ug/L		78	70 - 123	6	20
1,3-Dichlorobenzene	<0.40		50.0	41.7		ug/L		83	70 - 125	7	20
1,3-Dichloropropane	<0.36		50.0	40.4		ug/L		81	62 - 136	10	20
1,4-Dichlorobenzene	<0.36		50.0	40.7		ug/L		81	70 - 120	6	20
2,2-Dichloropropane	<0.44		50.0	39.7		ug/L		79	58 - 139	2	20
2-Chlorotoluene	<0.31	F1	50.0	36.7		ug/L		73	70 - 125	7	20
4-Chlorotoluene	<0.35		50.0	38.0		ug/L		76	68 - 124	4	20
Benzene	<0.15		50.0	40.1		ug/L		80	70 - 120	2	20
Bromobenzene	<0.36		50.0	39.3		ug/L		79	70 - 122	6	20
Bromochloromethane	<0.43		50.0	40.9		ug/L		82	65 - 122	2	20
Bromodichloromethane	<0.37	F1	50.0	36.7		ug/L		73	69 - 120	9	20

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

Lab Sample ID: 500-241330-18 MSD
Matrix: Water
Analysis Batch: 738678

Client Sample ID: MW-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bromoform	<0.48		50.0	38.8		ug/L		78	56 - 132	6	20
Bromomethane	<0.80		50.0	42.2		ug/L		84	40 - 152	9	20
Carbon tetrachloride	<0.38		50.0	47.0		ug/L		94	59 - 133	0	20
Chlorobenzene	<0.39		50.0	42.3		ug/L		85	70 - 120	6	20
Chloroethane	<0.51		50.0	41.3		ug/L		83	48 - 136	11	20
Chloroform	<0.37		50.0	42.5		ug/L		85	70 - 120	1	20
Chloromethane	<0.32		50.0	45.0		ug/L		90	56 - 152	9	20
cis-1,2-Dichloroethene	3.1		50.0	40.3		ug/L		74	70 - 125	3	20
cis-1,3-Dichloropropene	<0.42		50.0	38.1		ug/L		76	64 - 127	9	20
Dibromochloromethane	<0.49		50.0	40.5		ug/L		81	68 - 125	9	20
Dibromomethane	<0.27		50.0	43.3		ug/L		87	70 - 120	10	20
Dichlorodifluoromethane	<0.67		50.0	48.6		ug/L		97	40 - 159	7	20
Ethylbenzene	<0.18		50.0	42.7		ug/L		85	70 - 123	8	20
Hexachlorobutadiene	<0.45		50.0	52.2		ug/L		104	51 - 150	4	20
Isopropylbenzene	<0.39		50.0	39.3		ug/L		79	70 - 126	7	20
Methyl tert-butyl ether	<0.39		50.0	35.9		ug/L		72	55 - 123	4	20
Methylene Chloride	<1.6		50.0	39.3		ug/L		79	69 - 125	2	20
Naphthalene	<0.34		50.0	40.1		ug/L		80	53 - 144	17	20
n-Butylbenzene	<0.39		50.0	39.6		ug/L		79	68 - 125	4	20
N-Propylbenzene	<0.41		50.0	38.0		ug/L		76	69 - 127	4	20
p-Isopropyltoluene	<0.36		50.0	41.2		ug/L		82	70 - 125	7	20
sec-Butylbenzene	<0.40		50.0	40.8		ug/L		82	70 - 123	3	20
Styrene	<0.39		50.0	38.8		ug/L		78	70 - 120	7	20
tert-Butylbenzene	<0.40		50.0	38.7		ug/L		77	70 - 121	4	20
Tetrachloroethene	<0.37		50.0	48.6		ug/L		97	70 - 128	0	20
Toluene	<0.15		50.0	44.0		ug/L		88	70 - 125	8	20
trans-1,2-Dichloroethene	<0.35		50.0	38.7		ug/L		77	70 - 125	1	20
trans-1,3-Dichloropropene	<0.36		50.0	39.0		ug/L		78	62 - 128	9	20
Trichloroethene	26		50.0	64.6		ug/L		78	70 - 125	2	20
Trichlorofluoromethane	<0.43	*+	50.0	57.6		ug/L		115	55 - 128	5	20
Vinyl chloride	<0.20	*+	50.0	45.3		ug/L		91	64 - 126	6	20
Xylenes, Total	<0.22		100	83.8		ug/L		84	70 - 125	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*75 - 126*
4-Bromofluorobenzene (Surr)	*87*		*72 - 124*
Dibromofluoromethane (Surr)	*98*		*75 - 120*
Toluene-d8 (Surr)	*102*		*75 - 120*

Lab Sample ID: MB 500-738716/6
Matrix: Water
Analysis Batch: 738716

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	<0.46		1.0	0.46	ug/L			10/25/23 11:36	1
1,1,1-Trichloroethane	<0.38		1.0	0.38	ug/L			10/25/23 11:36	1
1,1,2,2-Tetrachloroethane	<0.40		1.0	0.40	ug/L			10/25/23 11:36	1
1,1,2-Trichloroethane	<0.35		1.0	0.35	ug/L			10/25/23 11:36	1

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

Lab Sample ID: MB 500-738716/6
Matrix: Water
Analysis Batch: 738716

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	<0.41		1.0	0.41	ug/L			10/25/23 11:36	1
1,1-Dichloroethene	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
1,1-Dichloropropene	<0.30		1.0	0.30	ug/L			10/25/23 11:36	1
1,2,3-Trichlorobenzene	<0.46		1.0	0.46	ug/L			10/25/23 11:36	1
1,2,3-Trichloropropane	<0.41		2.0	0.41	ug/L			10/25/23 11:36	1
1,2,4-Trichlorobenzene	<0.34		1.0	0.34	ug/L			10/25/23 11:36	1
1,2,4-Trimethylbenzene	<0.36		1.0	0.36	ug/L			10/25/23 11:36	1
1,2-Dibromo-3-Chloropropane	<2.0		5.0	2.0	ug/L			10/25/23 11:36	1
1,2-Dibromoethane	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
1,2-Dichlorobenzene	<0.33		1.0	0.33	ug/L			10/25/23 11:36	1
1,2-Dichloroethane	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
1,2-Dichloropropane	<0.43		1.0	0.43	ug/L			10/25/23 11:36	1
1,3,5-Trimethylbenzene	<0.25		1.0	0.25	ug/L			10/25/23 11:36	1
1,3-Dichlorobenzene	<0.40		1.0	0.40	ug/L			10/25/23 11:36	1
1,3-Dichloropropane	<0.36		1.0	0.36	ug/L			10/25/23 11:36	1
1,4-Dichlorobenzene	<0.36		1.0	0.36	ug/L			10/25/23 11:36	1
2,2-Dichloropropane	<0.44		5.0	0.44	ug/L			10/25/23 11:36	1
2-Chlorotoluene	<0.31		1.0	0.31	ug/L			10/25/23 11:36	1
4-Chlorotoluene	<0.35		1.0	0.35	ug/L			10/25/23 11:36	1
Benzene	<0.15		0.50	0.15	ug/L			10/25/23 11:36	1
Bromobenzene	<0.36		1.0	0.36	ug/L			10/25/23 11:36	1
Bromochloromethane	<0.43		1.0	0.43	ug/L			10/25/23 11:36	1
Bromodichloromethane	<0.37		1.0	0.37	ug/L			10/25/23 11:36	1
Bromoform	<0.48		1.0	0.48	ug/L			10/25/23 11:36	1
Bromomethane	<0.80		3.0	0.80	ug/L			10/25/23 11:36	1
Carbon tetrachloride	<0.38		1.0	0.38	ug/L			10/25/23 11:36	1
Chlorobenzene	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
Chloroethane	<0.51		5.0	0.51	ug/L			10/25/23 11:36	1
Chloroform	<0.37		2.0	0.37	ug/L			10/25/23 11:36	1
Chloromethane	<0.32		5.0	0.32	ug/L			10/25/23 11:36	1
cis-1,2-Dichloroethene	<0.41		1.0	0.41	ug/L			10/25/23 11:36	1
cis-1,3-Dichloropropene	<0.42		1.0	0.42	ug/L			10/25/23 11:36	1
Dibromochloromethane	<0.49		1.0	0.49	ug/L			10/25/23 11:36	1
Dibromomethane	<0.27		1.0	0.27	ug/L			10/25/23 11:36	1
Dichlorodifluoromethane	<0.67		3.0	0.67	ug/L			10/25/23 11:36	1
Ethylbenzene	<0.18		0.50	0.18	ug/L			10/25/23 11:36	1
Hexachlorobutadiene	<0.45		1.0	0.45	ug/L			10/25/23 11:36	1
Isopropyl ether	<0.28		1.0	0.28	ug/L			10/25/23 11:36	1
Isopropylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
Methyl tert-butyl ether	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
Methylene Chloride	<1.6		5.0	1.6	ug/L			10/25/23 11:36	1
Naphthalene	<0.34		1.0	0.34	ug/L			10/25/23 11:36	1
n-Butylbenzene	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
N-Propylbenzene	<0.41		1.0	0.41	ug/L			10/25/23 11:36	1
p-Isopropyltoluene	<0.36		1.0	0.36	ug/L			10/25/23 11:36	1
sec-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 11:36	1
Styrene	<0.39		1.0	0.39	ug/L			10/25/23 11:36	1
tert-Butylbenzene	<0.40		1.0	0.40	ug/L			10/25/23 11:36	1
Tetrachloroethene	<0.37		1.0	0.37	ug/L			10/25/23 11:36	1

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

Lab Sample ID: MB 500-738716/6
Matrix: Water
Analysis Batch: 738716

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.15		0.50	0.15	ug/L			10/25/23 11:36	1
trans-1,2-Dichloroethene	<0.35		1.0	0.35	ug/L			10/25/23 11:36	1
trans-1,3-Dichloropropene	<0.36		1.0	0.36	ug/L			10/25/23 11:36	1
Trichloroethene	<0.16		0.50	0.16	ug/L			10/25/23 11:36	1
Trichlorofluoromethane	<0.43		1.0	0.43	ug/L			10/25/23 11:36	1
Vinyl chloride	<0.20		1.0	0.20	ug/L			10/25/23 11:36	1
Xylenes, Total	<0.22		1.0	0.22	ug/L			10/25/23 11:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*82*		*75 - 126*		*10/25/23 11:36*	*1*
4-Bromofluorobenzene (Surr)	*101*		*72 - 124*		*10/25/23 11:36*	*1*
Dibromofluoromethane (Surr)	*88*		*75 - 120*		*10/25/23 11:36*	*1*
Toluene-d8 (Surr)	*93*		*75 - 120*		*10/25/23 11:36*	*1*

Lab Sample ID: LCS 500-738716/4
Matrix: Water
Analysis Batch: 738716

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	50.0	43.7		ug/L		87	70 - 125
1,1,1-Trichloroethane	50.0	44.0		ug/L		88	70 - 125
1,1,2,2-Tetrachloroethane	50.0	39.1		ug/L		78	62 - 140
1,1,2-Trichloroethane	50.0	44.9		ug/L		90	71 - 130
1,1-Dichloroethane	50.0	44.1		ug/L		88	70 - 125
1,1-Dichloroethene	50.0	45.0		ug/L		90	67 - 122
1,1-Dichloropropene	50.0	47.8		ug/L		96	70 - 121
1,2,3-Trichlorobenzene	50.0	43.2		ug/L		86	51 - 145
1,2,3-Trichloropropane	50.0	43.8		ug/L		88	50 - 133
1,2,4-Trichlorobenzene	50.0	45.2		ug/L		90	57 - 137
1,2,4-Trimethylbenzene	50.0	46.4		ug/L		93	70 - 123
1,2-Dibromo-3-Chloropropane	50.0	31.4		ug/L		63	56 - 123
1,2-Dibromoethane	50.0	46.4		ug/L		93	70 - 125
1,2-Dichlorobenzene	50.0	44.5		ug/L		89	70 - 125
1,2-Dichloroethane	50.0	42.0		ug/L		84	68 - 127
1,2-Dichloropropane	50.0	46.9		ug/L		94	67 - 130
1,3,5-Trimethylbenzene	50.0	46.8		ug/L		94	70 - 123
1,3-Dichlorobenzene	50.0	46.9		ug/L		94	70 - 125
1,3-Dichloropropane	50.0	49.8		ug/L		100	62 - 136
1,4-Dichlorobenzene	50.0	48.5		ug/L		97	70 - 120
2,2-Dichloropropane	50.0	41.8		ug/L		84	58 - 139
2-Chlorotoluene	50.0	45.7		ug/L		91	70 - 125
4-Chlorotoluene	50.0	45.7		ug/L		91	68 - 124
Benzene	50.0	46.9		ug/L		94	70 - 120
Bromobenzene	50.0	49.3		ug/L		99	70 - 122
Bromochloromethane	50.0	45.8		ug/L		92	65 - 122
Bromodichloromethane	50.0	41.8		ug/L		84	69 - 120
Bromoform	50.0	39.5		ug/L		79	56 - 132
Bromomethane	50.0	42.3		ug/L		85	40 - 152

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

Lab Sample ID: LCS 500-738716/4
Matrix: Water
Analysis Batch: 738716

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	43.3		ug/L		87	59 - 133
Chlorobenzene	50.0	50.0		ug/L		100	70 - 120
Chloroethane	50.0	48.8		ug/L		98	48 - 136
Chloroform	50.0	43.6		ug/L		87	70 - 120
Chloromethane	50.0	47.2		ug/L		94	56 - 152
cis-1,2-Dichloroethene	50.0	46.3		ug/L		93	70 - 125
cis-1,3-Dichloropropene	50.0	44.5		ug/L		89	64 - 127
Dibromochloromethane	50.0	42.8		ug/L		86	68 - 125
Dibromomethane	50.0	43.5		ug/L		87	70 - 120
Dichlorodifluoromethane	50.0	58.4		ug/L		117	40 - 159
Ethylbenzene	50.0	47.1		ug/L		94	70 - 123
Hexachlorobutadiene	50.0	60.1		ug/L		120	51 - 150
Isopropylbenzene	50.0	46.9		ug/L		94	70 - 126
Methyl tert-butyl ether	50.0	45.2		ug/L		90	55 - 123
Methylene Chloride	50.0	44.1		ug/L		88	69 - 125
Naphthalene	50.0	36.5		ug/L		73	53 - 144
n-Butylbenzene	50.0	42.7		ug/L		85	68 - 125
N-Propylbenzene	50.0	45.3		ug/L		91	69 - 127
p-Isopropyltoluene	50.0	47.0		ug/L		94	70 - 125
sec-Butylbenzene	50.0	45.9		ug/L		92	70 - 123
Styrene	50.0	47.1		ug/L		94	70 - 120
tert-Butylbenzene	50.0	47.8		ug/L		96	70 - 121
Tetrachloroethene	50.0	56.1		ug/L		112	70 - 128
Toluene	50.0	45.0		ug/L		90	70 - 125
trans-1,2-Dichloroethene	50.0	45.5		ug/L		91	70 - 125
trans-1,3-Dichloropropene	50.0	42.5		ug/L		85	62 - 128
Trichloroethene	50.0	51.5		ug/L		103	70 - 125
Trichlorofluoromethane	50.0	53.8		ug/L		108	55 - 128
Vinyl chloride	50.0	57.4		ug/L		115	64 - 126
Xylenes, Total	100	92.8		ug/L		93	70 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*79*		*75 - 126*
4-Bromofluorobenzene (Surr)	*96*		*72 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 120*
Toluene-d8 (Surr)	*94*		*75 - 120*

Lab Sample ID: 500-241330-21 MS
Matrix: Water
Analysis Batch: 738716

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	<0.46		50.0	46.3		ug/L		93	70 - 125
1,1,1-Trichloroethane	<0.38		50.0	45.7		ug/L		91	70 - 125
1,1,2,2-Tetrachloroethane	<0.40		50.0	43.1		ug/L		86	62 - 140
1,1,2-Trichloroethane	<0.35		50.0	42.8		ug/L		86	71 - 130
1,1-Dichloroethane	<0.41		50.0	45.6		ug/L		91	70 - 125
1,1-Dichloroethene	<0.39	F2	50.0	46.7		ug/L		93	67 - 122

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

Lab Sample ID: 500-241330-21 MS
Matrix: Water
Analysis Batch: 738716

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloropropene	<0.30		50.0	48.2		ug/L		96	70 - 121
1,2,3-Trichlorobenzene	<0.46		50.0	41.2		ug/L		82	51 - 145
1,2,3-Trichloropropane	<0.41		50.0	47.9		ug/L		96	50 - 133
1,2,4-Trichlorobenzene	<0.34		50.0	41.1		ug/L		82	57 - 137
1,2,4-Trimethylbenzene	<0.36		50.0	47.8		ug/L		96	70 - 123
1,2-Dibromo-3-Chloropropane	<2.0		50.0	35.3		ug/L		71	56 - 123
1,2-Dibromoethane	<0.39		50.0	45.5		ug/L		91	70 - 125
1,2-Dichlorobenzene	<0.33		50.0	46.2		ug/L		92	70 - 125
1,2-Dichloroethane	<0.39		50.0	41.4		ug/L		83	68 - 127
1,2-Dichloropropane	<0.43		50.0	47.6		ug/L		95	67 - 130
1,3,5-Trimethylbenzene	<0.25		50.0	49.2		ug/L		98	70 - 123
1,3-Dichlorobenzene	<0.40		50.0	48.0		ug/L		96	70 - 125
1,3-Dichloropropane	<0.36		50.0	48.3		ug/L		97	62 - 136
1,4-Dichlorobenzene	<0.36		50.0	46.4		ug/L		93	70 - 120
2,2-Dichloropropane	<0.44		50.0	43.2		ug/L		86	58 - 139
2-Chlorotoluene	<0.31		50.0	48.4		ug/L		97	70 - 125
4-Chlorotoluene	<0.35		50.0	47.0		ug/L		94	68 - 124
Benzene	<0.15		50.0	47.4		ug/L		95	70 - 120
Bromobenzene	<0.36		50.0	53.4		ug/L		107	70 - 122
Bromochloromethane	<0.43		50.0	47.7		ug/L		95	65 - 122
Bromodichloromethane	<0.37		50.0	42.6		ug/L		85	69 - 120
Bromoform	<0.48		50.0	44.0		ug/L		88	56 - 132
Bromomethane	<0.80		50.0	65.9		ug/L		132	40 - 152
Carbon tetrachloride	<0.38		50.0	44.9		ug/L		90	59 - 133
Chlorobenzene	<0.39		50.0	49.2		ug/L		98	70 - 120
Chloroethane	<0.51		50.0	54.7		ug/L		109	48 - 136
Chloroform	<0.37		50.0	44.8		ug/L		90	70 - 120
Chloromethane	<0.32		50.0	62.1		ug/L		124	56 - 152
cis-1,2-Dichloroethene	<0.41		50.0	46.8		ug/L		94	70 - 125
cis-1,3-Dichloropropene	<0.42		50.0	40.1		ug/L		80	64 - 127
Dibromochloromethane	<0.49		50.0	43.7		ug/L		87	68 - 125
Dibromomethane	<0.27		50.0	43.3		ug/L		87	70 - 120
Dichlorodifluoromethane	<0.67		50.0	76.3		ug/L		153	40 - 159
Ethylbenzene	<0.18		50.0	47.0		ug/L		94	70 - 123
Hexachlorobutadiene	<0.45		50.0	58.3		ug/L		117	51 - 150
Isopropylbenzene	<0.39		50.0	50.4		ug/L		101	70 - 126
Methyl tert-butyl ether	<0.39		50.0	45.8		ug/L		92	55 - 123
Methylene Chloride	<1.6	F2	50.0	44.8		ug/L		90	69 - 125
Naphthalene	<0.34		50.0	36.4		ug/L		73	53 - 144
n-Butylbenzene	<0.39		50.0	42.2		ug/L		84	68 - 125
N-Propylbenzene	<0.41		50.0	47.5		ug/L		95	69 - 127
p-Isopropyltoluene	<0.36		50.0	48.2		ug/L		96	70 - 125
sec-Butylbenzene	<0.40		50.0	48.0		ug/L		96	70 - 123
Styrene	<0.39		50.0	49.2		ug/L		98	70 - 120
tert-Butylbenzene	<0.40		50.0	51.2		ug/L		102	70 - 121
Tetrachloroethene	<0.37		50.0	52.1		ug/L		104	70 - 128
Toluene	<0.15		50.0	51.4		ug/L		103	70 - 125
trans-1,2-Dichloroethene	<0.35		50.0	46.6		ug/L		93	70 - 125
trans-1,3-Dichloropropene	<0.36		50.0	42.3		ug/L		85	62 - 128

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

Lab Sample ID: 500-241330-21 MS
Matrix: Water
Analysis Batch: 738716

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Trichloroethene	<0.16		50.0	52.7		ug/L		105	70 - 125
Trichlorofluoromethane	<0.43	F1 F2	50.0	48.0		ug/L		96	55 - 128
Vinyl chloride	<0.20	F1	50.0	64.2	F1	ug/L		128	64 - 126
Xylenes, Total	<0.22		100	96.7		ug/L		97	70 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*80*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane (Surr)	*92*		*75 - 120*
Toluene-d8 (Surr)	*95*		*75 - 120*

Lab Sample ID: 500-241330-21 MSD
Matrix: Water
Analysis Batch: 738716

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	<0.46		50.0	45.6		ug/L		91	70 - 125	2	20
1,1,1-Trichloroethane	<0.38		50.0	46.8		ug/L		94	70 - 125	2	20
1,1,2,2-Tetrachloroethane	<0.40		50.0	43.0		ug/L		86	62 - 140	0	20
1,1,2-Trichloroethane	<0.35		50.0	45.5		ug/L		91	71 - 130	6	20
1,1-Dichloroethane	<0.41		50.0	45.9		ug/L		92	70 - 125	1	20
1,1-Dichloroethene	<0.39	F2	50.0	58.9	F2	ug/L		118	67 - 122	23	20
1,1-Dichloropropene	<0.30		50.0	49.9		ug/L		100	70 - 121	4	20
1,2,3-Trichlorobenzene	<0.46		50.0	45.7		ug/L		91	51 - 145	10	20
1,2,3-Trichloropropane	<0.41		50.0	46.8		ug/L		94	50 - 133	2	20
1,2,4-Trichlorobenzene	<0.34		50.0	46.4		ug/L		93	57 - 137	12	20
1,2,4-Trimethylbenzene	<0.36		50.0	49.7		ug/L		99	70 - 123	4	20
1,2-Dibromo-3-Chloropropane	<2.0		50.0	33.7		ug/L		67	56 - 123	5	20
1,2-Dibromoethane	<0.39		50.0	46.4		ug/L		93	70 - 125	2	20
1,2-Dichlorobenzene	<0.33		50.0	48.6		ug/L		97	70 - 125	5	20
1,2-Dichloroethane	<0.39		50.0	42.7		ug/L		85	68 - 127	3	20
1,2-Dichloropropane	<0.43		50.0	50.3		ug/L		101	67 - 130	5	20
1,3,5-Trimethylbenzene	<0.25		50.0	50.6		ug/L		101	70 - 123	3	20
1,3-Dichlorobenzene	<0.40		50.0	50.3		ug/L		101	70 - 125	5	20
1,3-Dichloropropane	<0.36		50.0	48.5		ug/L		97	62 - 136	0	20
1,4-Dichlorobenzene	<0.36		50.0	48.9		ug/L		98	70 - 120	5	20
2,2-Dichloropropane	<0.44		50.0	45.7		ug/L		91	58 - 139	6	20
2-Chlorotoluene	<0.31		50.0	49.9		ug/L		100	70 - 125	3	20
4-Chlorotoluene	<0.35		50.0	48.6		ug/L		97	68 - 124	3	20
Benzene	<0.15		50.0	49.4		ug/L		99	70 - 120	4	20
Bromobenzene	<0.36		50.0	53.4		ug/L		107	70 - 122	0	20
Bromochloromethane	<0.43		50.0	49.8		ug/L		100	65 - 122	4	20
Bromodichloromethane	<0.37		50.0	45.4		ug/L		91	69 - 120	6	20
Bromoform	<0.48		50.0	41.7		ug/L		83	56 - 132	5	20
Bromomethane	<0.80		50.0	60.2		ug/L		120	40 - 152	9	20
Carbon tetrachloride	<0.38		50.0	46.9		ug/L		94	59 - 133	4	20
Chlorobenzene	<0.39		50.0	51.0		ug/L		102	70 - 120	3	20
Chloroethane	<0.51		50.0	57.0		ug/L		114	48 - 136	4	20

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

Lab Sample ID: 500-241330-21 MSD
Matrix: Water
Analysis Batch: 738716

Client Sample ID: MW-20
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloroform	<0.37		50.0	46.1		ug/L		92	70 - 120	3	20
Chloromethane	<0.32		50.0	57.4		ug/L		115	56 - 152	8	20
cis-1,2-Dichloroethene	<0.41		50.0	48.9		ug/L		98	70 - 125	4	20
cis-1,3-Dichloropropene	<0.42		50.0	45.1		ug/L		90	64 - 127	12	20
Dibromochloromethane	<0.49		50.0	43.3		ug/L		87	68 - 125	1	20
Dibromomethane	<0.27		50.0	46.1		ug/L		92	70 - 120	6	20
Dichlorodifluoromethane	<0.67		50.0	77.8		ug/L		156	40 - 159	2	20
Ethylbenzene	<0.18		50.0	47.7		ug/L		95	70 - 123	2	20
Hexachlorobutadiene	<0.45		50.0	61.6		ug/L		123	51 - 150	6	20
Isopropylbenzene	<0.39		50.0	51.1		ug/L		102	70 - 126	1	20
Methyl tert-butyl ether	<0.39		50.0	51.3		ug/L		103	55 - 123	11	20
Methylene Chloride	<1.6	F2	50.0	57.3	F2	ug/L		115	69 - 125	24	20
Naphthalene	<0.34		50.0	38.7		ug/L		77	53 - 144	6	20
n-Butylbenzene	<0.39		50.0	44.9		ug/L		90	68 - 125	6	20
N-Propylbenzene	<0.41		50.0	49.2		ug/L		98	69 - 127	3	20
p-Isopropyltoluene	<0.36		50.0	50.0		ug/L		100	70 - 125	4	20
sec-Butylbenzene	<0.40		50.0	49.5		ug/L		99	70 - 123	3	20
Styrene	<0.39		50.0	48.1		ug/L		96	70 - 120	2	20
tert-Butylbenzene	<0.40		50.0	52.3		ug/L		105	70 - 121	2	20
Tetrachloroethene	<0.37		50.0	54.6		ug/L		109	70 - 128	5	20
Toluene	<0.15		50.0	46.2		ug/L		92	70 - 125	11	20
trans-1,2-Dichloroethene	<0.35		50.0	52.2		ug/L		104	70 - 125	11	20
trans-1,3-Dichloropropene	<0.36		50.0	43.7		ug/L		87	62 - 128	3	20
Trichloroethene	<0.16		50.0	53.6		ug/L		107	70 - 125	2	20
Trichlorofluoromethane	<0.43	F1 F2	50.0	64.3	F1 F2	ug/L		129	55 - 128	29	20
Vinyl chloride	<0.20	F1	50.0	61.3		ug/L		123	64 - 126	5	20
Xylenes, Total	<0.22		100	95.0		ug/L		95	70 - 125	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*81*		*75 - 126*
4-Bromofluorobenzene (Surr)	*100*		*72 - 124*
Dibromofluoromethane (Surr)	*93*		*75 - 120*
Toluene-d8 (Surr)	*93*		*75 - 120*

Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: P-4
Date Collected: 10/16/23 10:50
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 00:04

Client Sample ID: MW-21
Date Collected: 10/16/23 11:35
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 00:29

Client Sample ID: MW-19
Date Collected: 10/16/23 13:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 00:53

Client Sample ID: MW-19 DUP
Date Collected: 10/16/23 13:05
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 01:18

Client Sample ID: MW-18
Date Collected: 10/16/23 13:45
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 01:43

Client Sample ID: MW-17
Date Collected: 10/16/23 14:30
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 02:08

Client Sample ID: MW-22
Date Collected: 10/16/23 15:10
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 02:33

Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: P-2
Date Collected: 10/16/23 16:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 02:58

Client Sample ID: P-2 DUP
Date Collected: 10/16/23 16:05
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 03:22

Client Sample ID: EB-01
Date Collected: 10/16/23 16:15
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 03:47

Client Sample ID: MW-5
Date Collected: 10/17/23 09:10
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 04:11

Client Sample ID: MW-11
Date Collected: 10/17/23 09:50
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 04:36

Client Sample ID: MW-10
Date Collected: 10/17/23 10:30
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 05:00

Client Sample ID: MW-9
Date Collected: 10/17/23 11:15
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 05:25

Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: MW-13
Date Collected: 10/17/23 12:20
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 05:49

Client Sample ID: MW-15
Date Collected: 10/17/23 13:05
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 06:14

Client Sample ID: MW-16
Date Collected: 10/17/23 13:40
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 06:39
Total/NA	Analysis	8260D	DL	10	738678	EA	EET CHI	10/25/23 07:04

Client Sample ID: MW-14
Date Collected: 10/17/23 14:20
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738678	EA	EET CHI	10/25/23 07:28

Client Sample ID: P-3
Date Collected: 10/17/23 15:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738716	W1T	EET CHI	10/25/23 14:02

Client Sample ID: EB-01
Date Collected: 10/17/23 15:15
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738716	W1T	EET CHI	10/25/23 13:37

Client Sample ID: MW-20
Date Collected: 10/18/23 11:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-21
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738716	W1T	EET CHI	10/25/23 14:26

Lab Chronicle

Client: Ramboll Americas Engineering Solutions
Project/Site: Newell / Shurline – St. Francis

Job ID: 500-241330-1

Client Sample ID: EB-01
Date Collected: 10/18/23 00:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-22
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738716	W1T	EET CHI	10/25/23 13:13

Client Sample ID: TRIP BLANK
Date Collected: 10/18/23 00:00
Date Received: 10/20/23 09:10

Lab Sample ID: 500-241330-23
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	738716	W1T	EET CHI	10/25/23 12:48

Laboratory References:

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

Accreditation/Certification Summary

Client: Ramboll Americas Engineering Solutions
Job ID: 500-241330-1
Project/Site: Newell / Shurline – St. Francis

Laboratory: Eurofins Chicago

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Wisconsin	State	999580010	08-31-24

Eurofins Chicago
2417 Bond Street
University Park IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Duncan Glasford	Phone	Fredrick Sandie		500-117421-48043 1
		E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin: WI	Page: Page 1 of 3
Company: Ramboll Americas Engineering Solutio	PWSID:			Job #: 500-241330
Address: 234 W Florida Street Fifth Floor	Due Date Requested			
City: Milwaukee	TAT Requested (days): STD			
State Zip: WI 53204	Compliance Project Δ Yes Δ No			
Phone:	PO #: 1690004991_CONV			
Email: SPETROFSKE@RAMBOLL.COM DGLASFORD@ramboll com PLINDQUIST@RAMBOLL.COM	WO #:			
Project Name: Shurline 169000499 Investigation	Project #: 50013868			
Site	SSOW#:			

500-241330 COC

Analysis Requested

Preservation Codes

A HCL
B NaOH
C Zn Acetate
D - Nitric Acid
E - NaHSO4
F MeOH
G Amchlor
H Ascorbic Acid
I Ice
J DI Water
K EDTA
L EDA
M Hexane
N None
O AsNaO2
P Na2O4S
Q Na2SO3
R - Na2S2O3
S H2SO4
T TSP Dodecahydrate
U Acetone
V MCAA
W pH 4-5
Y Trizma
Z other (specify)

Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	Total Number of containers	Special Instructions/Note
				Preservation Code		X	X	A	X	
1	P-4	10-16-23	1050	G	Water			X		
2	MW-21		1135		Water			X		
3	MW-19		1300		Water			X		
4	MW-19 DUP		1305		Water			X		
5	MW-18		1345		Water			X		
6	MW-17		1430		Water			X		
7	MW-22		1510		Water			X		
8	P-2		1600		Water			X		
9	P-2 DUP		1605		Water			X		
10	EB-01		1615		Water			X		
11	SS 10/20/23				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	10-19-23	RAES		10-19-23 1245	Eurofins
	10/19/23 1700	Eurofins		10/20/23 0910	

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		2.9 - 7.2.3

Ver 06.08 2021

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534 5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
		Fredrick Sandie		500-117421-48043 2
Client Contact: Duncan Glasford	Phone:	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin: WI	Page: Page 2 of 3
Company: Ramboll Americas Engineering Solutions	PWSID	Analysis Requested		Job #: 500-244330
Address: 234 W Florida Street Fifth Floor	Due Date Requested			Preservation Codes: A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4 5, Y Trizma, Z other (specify); Other:
City: Milwaukee	TAT Requested (days): STD			
State, Zip: WI 53204	Compliance Project Δ Yes Δ No			
Phone	PO #: 1690004991_CONV			
Email: SPETROSKEW@RAMBOLL.COM DGLASFORD@ramboll com PLINDQUIST@RAMBOLL.com	WO #:			
Project Name: Shurline 169000499 Investigation	Project #: 50013868			
Site:	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	Total Number of containers	Special Instructions/Note
			Preservation Code:				A		
11 MW-5	10-17-23	910	G	Water			X		
12 MW-11		950		Water			X		
13 MW-10		1030		Water			X		
14 MW-9		1115		Water			X		
15 MW-13		1220		Water			X		
16 MW-15		1305		Water			X		
17 MW-16		1340		Water			X		
18 MW-14		1420		Water			X		
19 P-3		1500		Water			X		
20 EB-01		1515		Water			X		
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II, III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	10-19-23	RAMBOLL		10-19-23 1245	Eurofins
Relinquished by	Date/Time: 10/19/23 1700	Company Eurofins	Received by	Date/Time 10/20/23 0910	Company ET
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Eurofins Chicago
2417 Bond Street
University Park, IL 60484
Phone 708-534-5200 Fax 708-534-5211

Chain of Custody Record

eurofins

Client Information

Client Contact: Duncan Glasford	Sampler: Duncan	Lab PM: Fredrick Sandie	Carrier Tracking No(s):	COC No: 500-117421-48043 3
Company: Ramboll Americas Engineering Solutions	Phone:	E-Mail: Sandra Fredrick@et eurofinsus com	State of Origin: WI	Page: Page 3 of 3
Address: 234 W Florida Street Fifth Floor	PWSID:			Job #: 500-241330
City: Milwaukee	Due Date Requested:			
State, Zip: WI 53204	TAT Requested (days): STD			
Phone:	Compliance Project: Δ Yes Δ No			
Email: SPETROFSKE@RAMBOLL.COM DGLASFORD@ramboll.com PLINDQUIST@RAMBOLL.com	PO #: 1690004991_CONV			
Project Name: Shurline 169000499 Investigation	WO #:			
Site:	Project #: 50013868			
	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B - NaOH, C Zn Acetate, D Nitric Acid, E - NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P - Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

	Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260B - VOC	Total Number of containers	Special Instructions/Note
				Preservation Code:				A		
21	MW-20	10 18 23		G	Water			X		
22	EB-01	↓		↓	Water			X		
23	TRIP BLANK	↓		—	Water			X		
					Water					
					Water					
					Water					
					Water					
					Water					
					Water					
					Water					
					Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II, III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: Duncan	Date/Time: 10-19-23	Company: RAES	Received by: [signature] Date/Time: 10-19-23 1245 Company: Eurofins
Relinquished by: [signature]	Date/Time: 10/19/23 1700	Company: Eurofins	Received by: [signature] Date/Time: 10/20/23 0910 Company: EEFA
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No:

Cooler Temperature(s) °C and Other Remarks.

ORIGIN ID:RRLA (262) 202-6
IAN EVANS
EUROFINS TESTAMERICA
4125 N 124TH ST.
SUITE F (REAR)
BROOKFIELD, WI 53005
UNITED STATES US
SHIP DATE: 19OCT23
ACTWGT: 51.05 LB
CAD: 0269688/CAFE3753
TO SAMPLE RECEIPT
EUROFINS
2417 BOND ST.
UNIVERSITY PARK IL 60484
(262) 202-6956
REF
DEPT:
FedEx
Express
2 of 6
MPS# 7044 8942 2110
Mstr# 7044 8942 2109
FRI - 20 OCT 10:30A
PRIORITY OVERNIGHT
79 JOTA
60484
IL-US ORD

Login Sample Receipt Checklist

Client: Ramboll Americas Engineering Solutions

Job Number: 500-241330-1

Login Number: 241330
List Number: 1
Creator: Scott, Sherri L

List Source: Eurofins Chicago

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	2.3
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	