ENVIRONMENT
& HEALTH

Sent Electronically to jane.pfeiffer@wisconsin.gov and WDNR Portal

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SOIL AND GROUNDWATER RESULTS
BETA-BECHER ACQUISITION CO, LLC HISTORIC FILL SITE
147 EAST BECHER STREET ("site")
MILWAUKEE, WISCONSIN
BRRTS 02-41-594228

March 27, 2024

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Ref. 1690023383_Conv

Dear Ms. Pfeiffer:

Ramboll Americas Engineering Solutions, Inc. (Ramboll) received the soil and groundwater analytical results from the collection of one soil (C1-PIT) and one groundwater (C1 Pit) sample collected on March 20, 2024. This transmittal follows the sample results notification required under Wisconsin Administrative Code Chapter NR 716.14(2). The laboratory analytical results are summarized in the attached **Tables**, the sample location is illustrated in **Figure 1**, and the laboratory report is provided in **Attachment A**. A discussion of these results will be included in the forthcoming NR 716 supplemental site investigation report.

A copy of this submittal was uploaded to the WDNR document portal. Please let us know if you have any questions.

Yours sincerely,

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Attachments:
Table 1 – VOCs in Soil
Table 2 – PAHs in Soil
Table 3 – RCRA Metals and PCBs in Soil
Table 4 – VOCs, PAHs, RCRA Metals, and PCBs in Groundwater
Figure 1 – Sample Location Map
Attachment A – Laboratory Analytical Report

Tables

TABLE 1
VOCs in Soil
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	PID (ppm tl VOCs)	Soil Type*	Benzene	Ethylbenzene	Toluene	Xylene (Total)	Naphthalene	Isopropyl-benzene (Cumene)	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	1,1-Dichloroethane	1,1,1-Trichloroethane
SB-1 (1-2)	9/20/2021	0.8	Fill Sand	<12.9	<12.9	28.9 J	55.6 J	54.3 J	<14.6	<24.8	<13.2	<16.5	<13.0	24.0 J	<17.5	<13.9	<13.9
SB-1 (6-7)	9/20/2021	0.0	Fill-Sand	<12.9	<12.9	34.3 J	70.8 J	65.6 J	<14.6	<24.8	<13.2	<16.5	<13.0	26.0 J	<17.5	<13.9	<13.9
SB-1 (13-14)	9/20/2021	0.0	Silty Clay	<15.6	<15.6	<16.6	<47.4	<20.5	<17.7	<30.1	<16.0	<20.0	<15.8	<19.6	<21.2	<16.8	<16.8
SB-2 (1-2)	9/20/2021	0.1	Fill-Sand	<12.6	<12.6	25.6 J	67.1 J	76.9 J	<14.3	<24.3	<13.0	<16.1	<12.7	31.7 J	<17.1	<13.6	<13.6
SB-2 (5-6)	9/20/2021	0.0	Fill-Sand	<13.9	<13.9	<14.7	<42.2	<18.2	<15.8	<26.8	<14.3	<17.8	<14.0	<17.4	<18.8	<15.0	<15.0
SB-3 (1-2)	9/20/2021	0.0	Fill-Sand	<13.5	<13.5	17.0 J	<41.0	47.6 J	<15.3	<26.0	<13.9	<17.3	<13.6	<16.9	<18.3	<14.5	<14.5
SB-3 (5-6)	9/20/2021	0.0	Fill-Sand	<13.8	<13.8	<14.6	<41.7	52.3 J	<15.6	<26.5	<14.1	<17.6	<13.9	37.2 J	<18.6	<14.8	<14.8
SB-4 (1-2)	9/20/2021	0.0	Fill-Sand	<13.4	17.4 J	64	100 J	93.1 J	<15.2	<25.8	<13.8	<17.1	17.2 J	31.1 J	<18.2	<14.4	<14.4
SB-4 (4-5)	9/20/2021	0.0	Fill-Sandy, Clayey Silt	<15.1	<15.1	<16.0	<45.8	<19.8	<17.1	<29.1	<15.5	<19.3	<15.2	<18.9	<20.4	<16.2	<16.2
SB-5 (1-2)	9/20/2021	0.0	Fill-Sand	<13.6	<13.6	14.9 J	53.3 J	98.2 J	<15.5	<26.2	<14.0	<17.4	<13.7	23.1 J	<18.4	<14.7	<14.7
SB-5 (12-13)	9/20/2021	0.0	Fill-Silty Sand	<14.6	<14.6	<15.5	<44.3	<19.1	<16.6	<28.1	<15.0	<18.6	<14.7	<18.3	<19.7	<15.7	<15.7
SB-6 (2-3)	9/20/2021	9.5	Peat	<14.7	<14.7	<15.6	<44.6	373	<16.7	<28.3	<15.1	<18.8	<14.8	<18.4	<19.9	<15.8	<15.8
SB-6 (4-5)	9/20/2021	10.8	Silty Clay	<17.6	23.7 J	30.5 J	<53.5	75.4 J	<20.0	<33.9	<18.1	<22.5	<17.8	<22.1	<23.9	<19.0	<19.0
SB-6 (11-12)	9/20/2021	1.0	Silty Sand w/ sml shells	<20.8	<20.8	<22.0	<63.0	<27.2	<23.6	<40.0	<21.3	<26.5	<20.9	<26.0	<28.1	<22.3	<22.3
SB-7 (1-2)	9/20/2021	0.2	Fill-Sand	**19.8 J[c]**	32.1 J	133	248	132 J	21.4 J	<31.0	<16.5	<20.5	28.1 J	75	25.4 J	<17.3	50.3 J
SB-7 (4-5)	9/20/2021	1.8	Fill-Clay & Silt	<15.8	<15.8	31.6 J	57.0 J	<20.7	<17.9	<30.4	<16.2	<20.2	<15.9	<19.8	<21.4	27.8 J	37.7 J
SB-8 (2-3)	9/20/2021	10.3	Fill-Sand	<14.2	553	37.4 J	507	**1,230[c]**	156	141	60	81	273	707	275	<15.3	<15.3
SB-8 (4-5)	9/20/2021	87.6	Fill-Sand	<12.9	<12.9	34.3 J	70.8 J	29.2 J	<14.6	<24.8	<13.2	<16.5	<13.0	26.0 J	<17.5	<13.9	<13.9
SB-8 (14-15)	9/20/2021	0.0	Silt	<21.3	<21.3	<22.6	<64.7	<28.0	<24.2	<41.0	<21.9	<27.2	<21.5	<26.7	<28.9	<22.9	<22.9
SB-9 (1-2)	9/20/2021	6.6	Fill-Sand	**41.2[c]**	27.4 J	137	181 J	80.2 J	<18.3	<31.1	<16.6	<20.6	18.6 J	59.9 J	27.3 J	<17.4	<17.4
SB-9 (4-5)	9/20/2021	0.2	Fill-Sand	<18.2	<18.2	<19.2	<55.1	<23.8	<20.6	<35.0	<18.6	<23.2	<18.3	<22.7	<24.6	<19.5	<19.5
SB-10 (1-2)	9/21/2021	0.0	Fill-Sand	<14.7	<14.7	<15.6	<44.7	<19.3	<16.7	<28.4	<15.1	<18.8	<14.9	<18.5	<19.9	<15.9	<15.9
SB-10 (4-5)	9/21/2021	0.0	Fill-Sand	<14.6	<14.6	<15.5	<44.4	<19.2	<16.6	<28.2	<15.0	<18.7	<14.8	<18.3	<19.8	<15.8	<15.8
SB-11 (1-2)	9/21/2021	0.0	Fill-Sand	**28.4[c]**	42.0 J	183	398	234 J	42.1 J	<30.4	23.1 J	<20.2	46.9 J	136	39.4 J	<17.0	<17.0
SB-11 (5-6)	9/21/2021	0.0	Fill-Silty Sand	<16.8	<16.8	<17.8	<50.9	<22.0	<19.1	<32.3	<17.2	<21.5	<16.9	<21.0	<22.7	<18.1	<18.1
SB-12 (1-2)	9/21/2021	0.0	Fill-Silty sand	<15.1	<15.1	20.0 J	54.8 J	33.0 J	<17.1	<29.1	<15.5	<19.3	<15.2	32.8 J	<20.4	<16.3	67
SB-12 (4-5)	9/21/2021	0.1	Fill-Sand	<13.7	<13.7	<14.6	<41.7	<18.0	<15.6	<26.4	<14.1	<17.6	<13.9	<17.2	<18.6	<14.8	<14.8
SB-13 (1-2)	9/21/2021	0.0	Fill-Sand	<15.2	23.3 J	86	186 J	107 J	<17.3	<29.3	<15.6	<19.5	15.6 J	61.5 J	22.8 J	<16.4	<16.4
SB-13 (5-6)	9/21/2021	0.0	Fill-Sand	<16.2	<16.2	<17.1	<49.0	<21.2	<18.3	<31.1	<16.6	<20.6	<16.3	<20.2	<21.9	<17.4	<17.4
B-1 (1-3)	11/22/2021	0.1	Fill-Sand	<14.1	<14.1	22.6 J	93.9 J	73.3 J	<16.0	36.2 J	24.7 J	20.7 J	17.6 J	83.2	58.6 J	<15.2	<15.2
B-2 (1-3)	11/22/2021	0.2	Fill-Sand	<11.9	<11.9	<12.6	<36.1	<15.6	<13.5	<22.9	<12.2	<15.2	<12.0	<14.9	<16.1	<12.8	<12.8
B-3 (1-3)	11/22/2021	0.1	Fill-Sand	<14.9	<14.9	53.4 J	108 J	75.6 J	<16.9	<28.7	<15.3	<19.0	<15.0	38.9 J	24.9 J	<16.0	<16.0
MW-5 (2-4)	11/22/2021	0.3	Fill-Sand	<15.1	<15.1	30.1 J	32.3 J	40.2 J	<17.2	<29.1	<15.5	<19.3	<15.3	<19.0	<20.5	<16.3	<16.3
TW-14 (2-3)	1/25/2022	0.5	Fill-Sand	**45.1[c]**	47.4 J	256	479	229 J	<17.4	<29.4	<15.7	<19.5	24.6 J	126	26.6 J	<16.5	<16.5
TW-14 (4-5)	1/25/2022	0.2	Fill-Sand	<15.3	<15.3	<16.2	<46.4	20.1 J	<17.4	<29.5	<15.7	<19.5	<15.4	<19.2	<20.7	<16.5	<16.5
Direct Contact [1]	Non-Industrial [a]			**1,600**	**8,020**	**818,000**	**260,000**	**5,520**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**5,060**	**640,000**
	Industrial [b]			**7,070**	**35,400**	**818,000**	**260,000**	**24,100**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**22,200**	**640,000**
	Groundwater Pathway [c]			**5.1**	**1,570**	**1,107**	**3,960**	**658.2**	**NS**	**NS**	**NS**	**NS**	**NS**	**1,380[d]**		**483.4**	**140.2**

TABLE 1
VOCs in Soil
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	PID (ppm tl VOCs)	Soil Type*	Benzene	Ethylbenzene	Toluene	Xylene (Total)	Naphthalene	Isopropyl-benzene (Cumene)	n-Butyl-benzene	sec-Butyl-benzene	p-Isopropyl-toluene	n-Propyl-benzene	1,2,4-Trimethyl-benzene	1,3,5-Trimethyl-benzene	1,1-Dichloroethane	1,1,1-Trichloroethane
DB-1 (1-3)	3/29/2023	0.0	Fill-Sand	<15.7	18.5 J	40.9 J	171 J	90.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-1 (3-5)	3/29/2023	0.0	Fill-Sand	<19.9	<19.9	21.4 J	<60.5	37.1 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-2 (1-3)	3/29/2023	0.6	Fill-Sand	<16.6	<16.6	32.5 J	124 J	64.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-2 (3-5)	3/29/2023	1.0	Fill-Sand	<14.9	<14.9	23.4 J	<45.2	33.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-3 (1-3)	3/29/2023	0.0	Fill-Sand	<21.7	<21.7	<23.0	<65.8	<28.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-3 (3-5)	3/29/2023	0.8	Fill-Sand	<16.5	<16.5	28.1J	<50.1	<21.6	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-4 (1-3)	3/29/2023	0.2	Fill-Sand	<14.4	<14.4	<15.2	<43.6	27.0J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-4 (3-5)	3/29/2023	0.0	Fill-Sand	<17.1	<17.1	<18.1	<51.8	<22.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-5 (1-3)	3/29/2023	0.0	Fill-Sand	<14.2	<14.2	16.2 J	<43.0	28.7 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-5 (3-5)	3/29/2023	0.1	Fill-Sand	<16.1	<16.1	<17.0	<48.7	<21.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-6 (1-3)	3/29/2023	0.0	Fill-Sand	<16.3	<16.3	20.2 J	<49.5	22.4 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-6 (3-5)	3/29/2023	0.0	Fill-Sand	<17.5	<17.5	<18.6	<53.2	<23.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-7 (1-3)	3/29/2023	0.0	Fill-Sand	<15.8	24.6 J	54.0 J	124 J	130 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-7 (3-5)	3/29/2023	0.5	Fill-Sand	<15.6	<15.6	<16.5	<47.3	<20.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-8 (1-3)	3/29/2023	1.0	Fill-Sand	<20.9	<20.9	<22.1	<63.3	<27.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-8 (3-5)	3/29/2023	0.1	Fill-Sand	<17.1	<17.1	<18.1	<51.9	<22.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-9 (1-3)	3/29/2023	1.5	Fill-Sand	<16.6	22.5 J	60.4 J	221	147 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-9 (3-5)	3/29/2023	16.0	Fill-Sand	<17.8	<17.8	<18.9	<54.0	<23.3	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-10 (1-3)	3/29/2023	22.8	Fill-Sand	**20.7 J[c]**	<14.0	39.3 J	<42.5	37.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-10 (3-5)	3/29/2023	5.8	Fill-Sand	<17.9	<17.9	<19.0	109 J	94.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-13 (1-3)	3/29/2023	0.0	Fill-Sand	<15.7	<15.7	50.3 J	96.3 J	62.5 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-13 (3-5)	3/29/2023	0.0	Fill-Sand	<15.9	<15.9	<16.8	<48.2	<20.8	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-14 (1-3)	3/29/2023	0.0	Fill-Sand	<14.0	<14.0	<14.8	<42.5	<18.4	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-14 (3-5)	3/29/2023	0.0	Fill-Sand	<15.3	<15.3	<16.2	<46.4	<20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-15 (1-3)	3/29/2023	0.4	Fill-Sand	<15.1	<15.1	30.9 J	70.3 J	32.0 J	NA	NA	NA	NA	NA	NA	NA	NA	NA
DB-15 (3-5)	3/29/2023	0.5	Fill-Sand	<13.4	<13.4	<14.2	<40.5	<17.5	NA	NA	NA	NA	NA	NA	NA	NA	NA
12-PIT (8-9)	3/13/2024	0.5	Fill-Sand	<15.1	<15.1	<16.0	<45.9	<26.8	<17.2	<29.1	<21.8	<21.6	<15.3	<19.0	<20.5	<16.3	<16.3
C1-PIT (4-5)	3/20/2024	0.5	Fill-Sand	**34.1 J[c]**	35.4 J	178	458	308 J	<24	<40.6	<30.5	<30.2	26.0 J	175	55.1 J	<22.7	<22.7
Direct Contact [1]	Non-Industrial [a]			**1,600**	**8,020**	**818,000**	**260,000**	**5,520**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**5,060**	**640,000**
	Industrial [b]			**7,070**	**35,400**	**818,000**	**260,000**	**24,100**	**268,000**	**108,000**	**145,000**	**162,000**	**NS**	**219,000**	**182,000**	**22,200**	**640,000**
	Groundwater Pathway [c]			**5.1**	**1,570**	**1,107**	**3,960**	**658.2**	**NS**	**NS**	**NS**	**NS**	**NS**	**1,380[d]**		**483.4**	**140.2**

Notes:

Soil volatile organic compound concentrations are reported in micrograms per kilogram (ug/kg).
Depth of soil in feet below ground surface indicated in parentheses in sample name.
Methylene Chloride was detected in sample TW-14 (4-5), Methylene Chloride is a common lab contaminent.
PID = Photoionization Detector.
TMB - Trimethylbenzene.
Bold value = NR 720 RCL Exceedance.
1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.
NA = Analyte not analyzed.

a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).
b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).
c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).
d Value is for 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene (combined).
J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).

TABLE 2
PAHs in Soil
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	PID (ppm tl VOCs)	Soil Type*	Acenaph-thene	Acenaph-thylene	Anthracene	Benzo(a)-anthracene	Benzo(a)-pyrene	Benzo(b)-fluoranthene	Benzo(g,h,i)-perylene	Benzo(k)-fluoranthene	Chrysene	Dibenz-(a,h)-anthracene	Fluoranthene	Fluorene	Indeno-(1,2,3-cd)-pyrene	1-Methyl-naphthalene	2-Methyl-naphthalene	Naphthalene	Phen-anthrene	Pyrene
SB-1 (1-2)	9/20/2021	0.8	Fill Sand	23.4	8.2 J	50.5	261	**346[a]**	**479[c]**	301	172	**284[c]**	75.6	481	15.8 J	243	36	44	28	297	362
SB-1 (6-7)	9/20/2021	0.0	Fill-Sand	19.1	6.7 J	17.5	56.6	70.3	103	67	33	64.4	15.5 J	101	23	52.8	116	179	47	125	88
SB-1 (13-14)	9/20/2021	0.0	Silty Clay	<2.5	<2.4	2.4 J	<2.5	2.6 J	4.5 J	6.9 J	<2.5	12.8 J	<2.7	5.5 J	2.4 J	<4.0	<2.8	<2.8	<1.9	4.7 J	5.9 J
SB-2 (1-2)	9/20/2021	0.1	Fill-Sand	13.3 J	7.1 J	43.2	185	**217[a]**	340	141	101	**196[c]**	38.8	411	11.8 J	127	12.2 J	15.1 J	14.2 J	187	299
SB-2 (5-6)	9/20/2021	0.0	Fill-Sand	41.8	9.1 J	79.9	159	144	192	94	58	**161[c]**	24.8	401	35	77.2	117	139	81	555	338
SB-3 (1-2)	9/20/2021	0.0	Fill-Sand	16.0 J	28.2 J	83.3	321	**346[a]**	**532[c]**	213	185	**347[c]**	66.5	697	14.5 J	191	44	58	57	328	501
SB-3 (5-6)	9/20/2021	0.0	Fill-Sand	8.6 J	12.4 J	31.7	105	115	171	101	55	116	25.9	201	8.4 J	75.6	54	72	46	160	171
SB-4 (1-2)	9/20/2021	0.0	Fill-Sand	18.1	43	94.6	249	**266[a]**	**487[c]**	183	120	**301[c]**	56.2	560	15.6 J	155	82	117	89	411	431
SB-4 (4-5)	9/20/2021	0.0	Fill-Sandy, Clayey Silt	<2.5	<2.4	<2.3	4.1 J	2.5 J	4.3 J	<3.3	<2.4	4.0 J	<2.6	5.7 J	<2.3	<3.9	<2.8	<2.8	<1.8	5.1 J	4.5 J
SB-5 (1-2)	9/20/2021	0.0	Fill-Sand	158 J	58.7 J	516	**1,280[a]**	**1,170[a,c]**	**1,680[a,c]**	666	606	**1,400[c]**	**202 J[a]**	3,480	180 J	603	89.2 J	104 J	153 J	2,580	2,300
SB-5 (12-13)	9/20/2021	0.0	Fill-Silty Sand	<2.4	<2.3	6.7 J	9.1 J	5.6 J	7.3 J	3.8 J	3.2 J	8.7 J	<2.6	19	<2.2	<3.9	<2.7	<2.7	<1.8	19	13.8 J
SB-6 (2-3)	9/20/2021	9.5	Peat	158 J	<118	465 J	**4,500[a]**	**3,990[a,b,c]**	**8,080[a,c]**	3,340	2,220	**6,530[c]**	**1,020[a]**	7,910	<112	**2,700[a]**	<136	142 J	295 J	2,170	5,560
SB-6 (4-5)	9/20/2021	10.8	Silty Clay	43.4 J	<26.1	158 J	1,240	**1,310[c]**	**2,580[c]**	863	780	**1,580[c]**	298	2,020	31.3 J	756	131 J	154 J	181 J	754	1,610
SB-6 (11-12)	9/20/2021	1.0	Silty Sand w/ sml shells	<3.0	<2.9	<2.8	<3.0	<2.6	<3.2	<4.0	<2.9	<4.3	<3.2	7.6 J	<2.7	<4.8	<3.3	<3.3	<2.2	7.3 J	5.7 J
SB-7 (1-2)	9/20/2021	0.2	Fill-Sand	<51.0	69.3 J	254 J	938	**838[a,c]**	**1,620[a,c]**	628	504	**1,120[c]**	**221 J[a]**	1,790	51.7 J	560	530	650	518	1,380	1,290
SB-7 (4-5)	9/20/2021	1.8	Fill-Clay & Silt	7.2 J	11.1 J	50.5	113	78.7	137	72	26	**218[c]**	23.0	173.0	15.3 J	43.5	291	445	238	402	140
SB-8 (2-3)	9/20/2021	10.3	Fill-Sand	44.9 J	21.8 J	106	724	**945[a,c]**	**1,520[a,c]**	580	477	**894[c]**	**193[a]**	1,290	33.7 J	509	129	168	162	561	1,010
SB-8 (4-5)	9/20/2021	87.6	Fill-Sand	19.1	6.7 J	18	57	29.2 J	103	67	33	64.4	15.5 J	101	23	52.8	116	179	159	125	88
SB-8 (14-15)	9/20/2021	0.0	Silt	<3.0	<2.9	<2.9	<3.0	<2.6	<3.2	<4.1	<3.0	<4.4	<3.2	<2.8	<2.8	<4.9	<3.4	<3.4	<2.3	<2.7	<3.4
SB-9 (1-2)	9/20/2021	6.6	Fill-Sand	76.1 J	28.0 J	215	957	**1,110[a,c]**	**1,610[a,c]**	698	557	**1,160[c]**	**216[a]**	2,270	59.8 J	596	110 J	127 J	148 J	1,510	1,820
SB-9 (4-5)	9/20/2021	0.2	Fill-Sand	52.7	17.5 J	83.6	181	166	227	113	52.3	**240[c]**	45.9	194	98.3	76.7	187	297	152	493	175
SB-10 (1-2)	9/21/2021	0.0	Fill-Sand	<2.4	<2.4	<2.3	6.7 J	5.3 J	7.2 J	5.2 J	3.2 J	7.0 J	<2.6	9.3 J	<2.2	<3.9	3.1 J	3.9 J	2.9 J	10.7 J	9.5 J
SB-10 (4-5)	9/21/2021	0.0	Fill-Sand	<2.4	<2.3	<2.3	<2.4	<2.1	<2.6	<3.3	<2.4	<3.5	<2.6	2.3 J	<2.2	<3.9	<2.7	<2.7	<1.8	2.7 J	<2.7
SB-11 (1-2)	9/21/2021	0.0	Fill-Sand	65.1 J	27.4 J	108	399	**400[a]**	**606[a]**	287	238	573	88.3	629	29.5 J	234	751	851	534	905	682
SB-11 (5-6)	9/21/2021	0.0	Fill-Silty Sand	<2.6	<2.5	<2.5	<2.6	<2.3	<2.8	<3.5	<2.6	<3.8	<2.8	<2.4	<2.4	<4.2	<2.9	<2.9	<2.0	<2.3	<3.0
SB-12 (1-2)	9/21/2021	0.0	Fill-Silty sand	7.2 J	7.9 J	31	90.0	77.6	117	58	28	127	14.9 J	142	4.9 J	41.4	176	204	130	307	139
SB-12 (4-5)	9/21/2021	0.1	Fill-Sand	<2.3	<2.3	<2.2	5.2 J	2.8 J	4.6 J	3.4 J	<2.3	3.8 J	<2.5	4.7 J	<2.2	<3.7	2.7 J	2.9 J	2.2 J	6.8 J	4.4 J
SB-13 (1-2)	9/21/2021	0.0	Fill-Sand	91.3 J	130 J	159 J	941	**932[a,c]**	**1,660[a,c]**	796	717	**1,340[c]**	**243 J[a]**	1,490	48.2 J	649	1,000	1,170	781	1,220	1,280
SB-13 (5-6)	9/21/2021	0.0	Fill-Sand	<2.6	<2.5	4.9 J	10.6 J	7.0 J	10.5 J	5.1 J	3.1 J	18.2 J	<2.7	21	<2.4	<4.1	53	57	50	54	15.7 J
TW-14 (2-3)	1/25/2022	0.5	Fill-Sand	80.7 J	<24.1	163 J	935	**961[a,c]**	**1,580[a,c]**	788	552	**1,290[c]**	**241[a]**	1,760	33.2 J	596	442	486	381	805	1,420
TW-14 (4-5)	1/25/2022	0.2	Fill-Sand	193 J	<48.2	541	**3,770[a]**	**3,860[a,c]**	**5,090[a,c]**	2,400	2,290	**4,890[c]**	**916[a]**	6,170	74.7 J	**1,990[a]**	110 J	102 J	87.2 J	2,230	5,040
12-PIT (8-9)	3/13/2024	0.5	Fill-Sand	<2.5	<2.4	<2.4	3.1 J	<2.2	<2.6	<3.3	<2.4	<3.6	<2.6	4.9 J	<2.3	<4.0	<2.8	<2.8	<1.8	3.8 J	3.7 J
C1-PIT (4-5)	3/20/2024	0.5	Fill-Sand	34.4 J	29.2 J	84.4	262	342	415	262	155	**321[c]**	66.6 J	711	30.3 J	198	232	264	220	735	573
Direct Contact [1]	Non-Industrial [a]			**3,590,000**	**NS**	**17,900,000**	**1,140**	**115**	**1,150**	**NS**	**11,500**	**115,000**	**115**	**2,390,000**	**2,390,000**	**1,150**	**17,600**	**239,000**	**5,520**	**NS**	**1,790,000**
	Industrial [b]			**45,200,000**	**NS**	**100,000,000**	**20,800**	**2,110**	**21,100**	**NS**	**211,000**	**2,110,000**	**2,110**	**30,100,000**	**30,100,000**	**21,100**	**72,700**	**3,010,000**	**24,100**	**NS**	**22,600,000**
	Groundwater Pathway [c]			**NS**	**NS**	**196,949**	**NS**	**470**	**478**	**NS**	**NS**	**144.2**	**NS**	**88,877.8**	**14,829.9**	**NS**	**NS**	**NS**	**658.2**	**NS**	**54,545**

Notes:
Soil volatile organic compound concentrations are reported in micrograms per kilogram (ug/kg).
bgs - Below ground surface.
Depth of soil in feet below ground surface indicated in parentheses in sample name.
PID = Photoionization Detector.
ppm tl VOCs = Parts per million total volatile organic compounds.
1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.
* Native soil is silty-clay with layers of fine to medium and coarse sand (Geotest Inc., Geotechnical Subsurface Investigation, July 16, 2021).
Bold value = NR 720 RCL Exceedance.
a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).
b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).
c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).
NA - Parameter not analyzed.
NS - No established standard.
J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).
NM = Not measured.

TABLE 3
RCRA Metals PCBs in Soil
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Sample ID	Date	Soil Type*	Arsenic	Barium	Cadmium	Chromium	Lead	Mercury	Silver	PCB-1254 (Aroclor 1254)	PCB-1260 (Aroclor 1260)	PCBs Total
SB-1 (1-2)	9/20/2021	Fill Sand	4.1[a,b,c]	22.5	0.25 J	8	25	0.014 J	<0.32	<15.9	<15.9	<15.9
SB-1 (6-7)	9/20/2021	Fill-Sand	1.8 J[c]	15.8	<0.14	9.1	8.4	<0.0096	<0.31	<15.8	<15.8	<15.8
SB-1 (13-14)	9/20/2021	Silty Clay	4.2[c]	71.9	0.16 J	27.9	10	<0.011	<0.35	NA	NA	NA
SB-2 (1-2)	9/20/2021	Fill-Sand	5.4[a,b,c]	19.5	0.15 J	6.4	**63.7[c,d]**	0.032 J	<0.31	<15.7	<15.7	<15.7
SB-2 (5-6)	9/20/2021	Fill-Sand	2.2 J[c]	16.2	<0.14	6	4.6	0.031 J	<0.33	<16.5	<16.5	<16.5
SB-3 (1-2)	9/20/2021	Fill-Sand	2.8[a,c]	27.9	0.23 J	9.3	34.5[c]	0.019 J	<0.32	<16.3	<16.3	<16.3
SB-3 (5-6)	9/20/2021	Fill-Sand	2.0 J[c]	13.8	<0.14	5.5	9.5	0.057	<0.33	<16.4	<16.4	<16.4
SB-4 (1-2)	9/20/2021	Fill-Sand	2.7[a,c]	25.8	0.27 J	7.8	47.8[c]	0.050	<0.31	<16.2	<16.2	<16.2
SB-4 (4-5)	9/20/2021	Fill-Sandy, Clayey Silt	3.6[c]	41.8	0.23 J	20.6	12.5	0.047	<0.33	<17.3	<17.3	<17.3
SB-5 (1-2)	9/20/2021	Fill-Sand	4[a,b,c]	30.5	0.33 J	8.2	37.5[c]	0.035 J	<0.31	<16.4	<16.4	<16.4
SB-5 (12-13)	9/20/2021	Fill-Silty Sand	3.5[c]	37.2	0.27 J	16.4	11.3	<0.0099	<0.33	<17.0	<17.0	<17.0
SB-6 (2-3)	9/20/2021	Peat	7.9[a,b,c]	185[a]	<0.29	21.1	**194[c,d]**	0.019 J	0.95 J[c]	<17.1	<17.1	<17.1
SB-6 (4-5)	9/20/2021	Silty Clay	**20.4[c,d]**	84.2	0.51 J	25.7	**178[c,d]**	0.040 J	<0.35	<18.8	<18.8	<18.8
SB-6 (11-12)	9/20/2021	Silty Sand w/ sml shells	<2.0	29.5	<0.18	10.4	5.1	<0.013	<0.41	NA	NA	NA
SB-7 (1-2)	9/20/2021	Fill-Sand	**16.2[a,b,c,d]**	180[a]	0.99 J[c]	30.9	**256[c,d]**	0.5[c]	<0.70	18.6 J	19.4 J	37.9 J[c]
SB-7 (4-5)	9/20/2021	Fill-Clay & Silt	**11.5[c,d]**	44.9	0.17 J	13.8	**183[c,d]**	0.049	0.38 J	<17.7	<17.7	<17.7
SB-8 (2-3)	9/20/2021	Fill-Sand	6.2[a,b,c]	69.1	0.65	16.3	**178[c,d]**	0.29[c]	<0.33	30.6 J	<16.7	30.6 J[c]
SB-8 (4-5)	9/20/2021	Fill-Sand	1.8 J[c]	15.8	<0.14	9.1	8.4	29.2 J[c]	<0.31	<15.8	<15.8	<15.8
SB-8 (14-15)	9/20/2021	Silt	<1.9	104	0.58 J	25.2	10.1	<0.014	<0.40	NA	NA	NA
SB-9 (1-2)	9/20/2021	Fill-Sand	**22.2[a,b,c,d]**	**503[c,d]**	0.57 J	29.9	**354[c,d]**	0.19	1.6 J[c]	<17.8	<17.8	<17.8
SB-9 (4-5)	9/20/2021	Fill-Sand	**15.4[c,d]**	87.4	<0.32	25.5	**367[c,d]**	0.027 J	1.2 J[c]	<19.3	<19.3	<19.3
SB-10 (1-2)	9/21/2021	Fill-Sand	2.3 J[a,c]	18	<0.14	9	7	<0.011	<0.32	<17.1	<17.1	<17.1
SB-10 (4-5)	9/21/2021	Fill-Sand	2.2 J[c]	15	<0.14	7	5	<0.011	<0.32	<17.0	<17.0	<17.0
SB-11 (1-2)	9/21/2021	Fill-Sand	**10[a,b,c,d]**	79.5	0.62	18.1	**297[c,d]**	0.069	0.68 J	<17.8	<17.8	<17.8
SB-11 (5-6)	9/21/2021	Fill-Silty Sand	3.7[c]	65.3	0.15 J	22.5	10.7	0.013 J	<0.35	<18.3	<18.3	<18.3
SB-12 (1-2)	9/21/2021	Fill-Silty sand	**10.3[a,b,c,d]**	34.3	0.33 J	10.5	**98.5[c,d]**	0.076	<0.34	<17.3	<17.3	<17.3
SB-12 (4-5)	9/21/2021	Fill-Sand	5.8[c]	20.9	0.24 J	10.1	39.1[c]	0.032 J	0.33 J	<16.4	<16.4	<16.4
SB-13 (1-2)	9/21/2021	Fill-Sand	**12.7[a,b,c,d]**	76.9	0.48 J	26	**146[c,d]**	0.074	1.0 J[c]	<17.4	<17.4	<17.4
SB-13 (5-6)	9/21/2021	Fill-Sand	4.6[c]	39.7	0.27 J	15.1	18.9	<0.011	<0.35	<18.0	<18.0	<18.0
B-1 (1-3)	11/22/2021	Fill-Silty Sand	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-2 (1-3)	11/22/2021	Fill-Silty Sand, Silty Clay	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B-2 (1-4)	11/22/2021		NA	NA	NA	NA	NA	NA	NA	<17.9	<17.9	<17.9
B-3 (1-3)	11/22/2021	Organic Silt	NA	NA	NA	NA	NA	NA	NA	<17.2	<17.2	<17.2
MW-5 (2-4)	11/22/2021	Fill-Sand	NA	NA	NA	NA	NA	NA	NA	<17.3	<17.3	<17.3
TW-14 (2-3)	1/25/2022	Fill-Sand	**18.7[a,b,c,d]**	134	0.94 J[c]	24.6	**216[c,d]**	0.11	0.82 J	<17.4	<17.4	<17.4
TW-14 (4-5)	1/25/2022	Fill-Sand	7.6[a,b,c]	68.3	<0.29	25.1	**190[c,d]**	0.085	<0.68	<17.4	<17.4	<17.4
12-PIT (8-9)	3/13/2024	Fill-Sand	4.5[a,b,c]	29.0	0.18 J	14.0	10.8	<0.011	<0.35	<17.4	<17.4	<17.4
C1-PIT (4-5)	3/20/2024	Fill-Sand	**10.5[c]**	94.5	**1.3[c]**	18.7	**275[c]**	0.051	<0.34	<18.6	<18.6	<18.6
Direct Contact [1]	Non-Industrial [a]		**0.677**	**15,300**	**71.1**	**NS**	**400**	**3.13**	**391**	**239**	**243**	**234**
	Industrial [b]		**3**	**100,000**	**985**	**NS**	**800**	**3.13**	**5,840**	**988**	**1,000**	**967**
Groundwater Pathway [c]			**0.584**	**164.8**	**0.752**	**360,000**	**27**	**0.208**	**0.8491**	**NS**	**NS**	**9.4**
Background Threshold Value [d]			**8**	**364**	**1**	**44**	**52**	**NS**	**NS**	**NS**	**NS**	**NS**

Notes:
Metal concentrations are reported in milligrams per kilogram (mg/kg).
PCB concentrations are reported in micrograms per kilogram (µg/kg).
PCB = Polychlorinated Biphenyls
Depth of soil in feet below ground surface indicated in parentheses in sample name.
1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.
Bold = A value above the established NR 720 Background Threshold Value and Residual Contaminant Level.
a Analyte exceeds WAC NR Ch. 720 Non Industrial Direct Contact pathway (December 2018).
b Analyte exceeds WAC NR Ch. 720 Industrial Direct Contact pathway (December 2018).
c Analyte exceeds WAC NR Ch. 720 groundwater protection pathway (December 2018).
d Analyte exceeds WAC NR Ch. 720 background threshold values (December 2018).
Depth of soil in feet below ground surface indicated in parentheses in sample name.
* Native soil is silty-clay with layers of fine to medium and coarse sand (Geotest Inc., Geotechnical Subsurface Investigation, July 16, 2021).
NA - Parameter not analyzed.
NS - No established standard.
J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).

TABLE 4
VOCs, PAHs, Metals and PCBs in Groundwater
Filer Stowell Property
147 East Becher Street, Milwaukee, Wisconsin
Ramboll Project 1690023383

Analyte	PAL [a]	ES [b]	TW-1	TW-2	TW-3	TW-4	TW-5	TW-6	TW-7	TW-8	TW-9	TW-10	TW-11	TW-12	TW-13	TW-14	12 Pit (Bldg. 3)*	C1 Pit	MW-1		MW-2		MW-3		MW-4		MW-5	
			9/24/2021	9/23/2021	9/23/2021	9/24/2021	-	9/24/2021	9/23/2021	9/24/2021	9/23/2021	9/23/2021	9/23/2021	9/23/2021	9/23/2021	1/26/2022	3/13/2024	3/20/2024	11/29/2021	6/15/2022	11/29/2021	6/15/2022	11/29/2021	6/15/2022	11/29/2021	6/15/2022	11/29/2021	6/15/2022
			µg/L	µg/L	µg/L	µg/L	-	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
VOCs																												
1,1,1-Trichloroethane	**40**	**200**	<0.30	<0.30	<0.30	<0.30	dry well-not sampled	<0.30	<0.30	<0.30	<0.30	<0.30	0.37 J	0.63 J	<0.30	<0.30	<0.30	<0.30	NA	<0.30	NA	0.88 J	NA	<0.30	NA	<0.30	NA	<0.30
1,1-Dichloroethene	**0.7**	**7**	<0.58	<0.58	<0.58	<0.58		<0.58	**2.2**[a]	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	<0.58	NA	<0.58	NA	<0.58	NA	<0.58	NA	<0.58	NA	<0.58
Naphthalene	**10**	**100**	<1.1	<1.1	<1.1	<1.1		<1.1	<1.1	**0.022 J**	**0.042 J**	<1.1	<1.1	<1.1	<1.1	<1.1	<1.9	<1.9	NA	<1.1	NA	<1.1	NA	<1.1	NA	<1.1	NA	<1.1
p-Isopropyltoluene	NE	NE	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.5 J	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PAHs																												
Acenaphthene	NE	NE	0.026 J	0.014 J	<0.015	<0.013		<0.014	0.017 J	<0.014	0.017 J	<0.015	0.019 J	<0.014	<0.014	1.6	<0.10	0.042 J	<0.013	0.020 J	0.026J	<0.013	<0.013	0.038 J	0.016J	0.043 J	NA	0.035 J
Acenaphthylene	NE	NE	0.015 J	<0.013	0.019 J	<0.012		<0.013	<0.012	<0.013	<0.012	<0.013	<0.012	<0.013	<0.013	0.018 J	<0.090	0.13	<0.012	<0.013	<0.012	<0.012	<0.012	<0.012	<0.013	<0.012	NA	<0.012
Anthracene	NE	NE	0.030 J	<0.019	<0.020	<0.018		<0.019	<0.018	<0.019	<0.018	<0.020	<0.018	<0.019	<0.019	0.47	<0.13	0.17	<0.017	<0.019	<0.017	<0.018	<0.017	<0.018	<0.018	<0.018	NA	0.021 J
Benzo(a)anthracene	NE	NE	0.14	<0.014	<0.014	<0.013		0.069	<0.013	<0.014	0.037 J	<0.014	<0.013	<0.014	<0.014	0.14	0.84	0.73	<0.013	<0.014	<0.013	<0.013	<0.013	<0.013	<0.014	<0.013	NA	<0.013
Benzo(a)pyrene	**0.02**	**0.2**	**0.21**[a,b]	<0.020	<0.021	<0.019		0.072[a]	<0.019	<0.020	0.039 J[a]	<0.021	<0.019	<0.020	<0.020	**0.099**[a]	**0.60**[a]	0.94	<0.018	<0.013	<0.018	<0.012	<0.018	<0.012	<0.019	<0.012	NA	<0.012
Benzo(b)fluoranthene	**0.02**	**0.2**	**0.26**[a,b]	<0.020	<0.021	<0.019		0.11[a]	<0.019	<0.020	0.051[a]	<0.021	<0.019	<0.020	<0.021	**0.13**[a]	**0.56**[a,b]	1.4	<0.018	<0.0095	<0.018	<0.0088	<0.018	<0.0089	<0.019	<0.0088	NA	<0.0088
Benzo(g,h,i)perylene	NE	NE	0.22	<0.024	<0.025	<0.022		0.069	<0.023	<0.024	0.037 J	<0.025	<0.023	<0.023	<0.022	0.074	<0.17	1.0	<0.022	<0.024	<0.022	<0.023	<0.022	<0.023	<0.023	<0.023	NA	<0.023
Benzo(k)fluoranthene	NE	NE	0.12	<0.023	<0.024	<0.021		0.038 J	<0.022	<0.023	<0.022	<0.024	<0.022	<0.022	<0.023	0.061	<0.16	0.57	<0.021	<0.023	<0.021	<0.022	<0.021	<0.022	<0.022	<0.022	NA	<0.022
Chrysene	**0.02**	**0.2**	**0.21**[a,b]	<0.027	<0.028	<0.026	dry well-not sampled	0.11[a]	<0.026	<0.027	0.049 J[a]	<0.028	<0.026	<0.027	<0.024	**0.17**[a]	**1.7**[a,b]	0.99	<0.025	<0.013	<0.025	<0.012	<0.025	<0.012	<0.026	<0.012	NA	<0.012
Dibenz(a,h)anthracene	NE	NE	0.039 J	<0.018	<0.019	<0.017		<0.018	<0.017	<0.018	<0.018	<0.019	<0.018	<0.018	<0.025	0.023 J	0.15 J	0.19	<0.017	<0.019	<0.017	<0.017	<0.017	<0.017	<0.018	<0.017	NA	<0.017
Fluoranthene	**80**	**400**	0.27	<0.027	<0.028	0.027 J		0.13	<0.025	<0.027	0.081	<0.028	<0.026	<0.026	<0.026	0.93	0.69	1.1	<0.024	<0.027	<0.024	<0.025	<0.024	<0.026	<0.026	<0.025	NA	<0.025
Fluorene	**80**	**400**	<0.025	<0.024	<0.025	<0.023		<0.024	<0.023	<0.024	<0.023	<0.025	<0.023	<0.024	<0.024	0.80	<0.17	0.031 J	<0.022	<0.025	<0.022	<0.023	<0.022	<0.023	<0.023	<0.023	NA	<0.023
Indeno(1,2,3-cd)pyrene	NE	NE	0.15	<0.016	<0.016	<0.015		0.046 J	<0.015	<0.016	0.026 J	<0.016	<0.015	<0.016	<0.027	0.061	0.16 J	0.96	<0.015	<0.016	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	NA	<0.015
Naphthalene	**10**	**100**	0.040 J	0.026 J	0.027 J	0.021 J		0.024 J	0.053	0.022 J	0.042 J	0.047 J	0.027 J	0.032 J	<0.028	0.15	<0.14	0.44	0.33	0.29	0.27	0.045 J	0.047 J	0.45	0.48	0.34	NA	0.32
1-Methylnaphthalene	NE	NE	0.058	0.023 J	<0.019	0.018 J		<0.019	0.029 J	<0.018	0.022 J	0.022 J	0.025 J	0.034 J	<0.029	0.12	<0.13	0.075	0.29	0.067	0.32	<0.017	0.039J	0.094	0.51	0.11	NA	0.083
2-Methylnaphthalene	NE	NE	0.064	<0.014	<0.015	0.021 J		0.016 J	0.035 J	0.020 J	0.028 J	0.032 J	0.018 J	0.037 J	<0.030	0.32	<0.099	0.088	0.39	0.016 J	0.57	<0.013	0.036J	0.035 J	0.92	0.032 J	NA	0.030 J
Phenanthrene	NE	NE	0.12	<0.026	0.037 J	<0.025		0.052 J	0.057	<0.026	0.08	<0.027	<0.025	<0.026	<0.031	2.2	0.88	0.48	<0.024	<0.027	0.038J	<0.025	<0.024	<0.025	0.027 J	<0.025	NA	<0.025
Pyrene	**50**	**250**	0.24	<0.023	<0.024	<0.022		0.11	<0.022	<0.023	0.071	<0.024	<0.022	<0.023	<0.032	0.59	1.4	1.4	<0.021	<0.024	<0.021	<0.022	<0.021	<0.022	<0.022	<0.022	NA	<0.022
RCRA METALS																												
Arsenic, Dissolved	**1**	**10**	<13.2	<13.2	<13.2	<13.2	dry well-not sampled	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	<13.2	**1.1**[a]	**2.4**[a]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium, Dissolved	**400**	**2,000**	171	81.7	49.9	109		93.4	156	206	209	50	52	28	164	79.1	17.2	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Dissolved	**10**	**100**	<2.5	<2.5	<2.5	<2.5		<2.5	<2.5	<2.5	<2.5	5.6 J	<2.5	<2.5	<2.5	<2.5	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium, Dissolved	**10**	**50**															0.90 J	**11.7**[a]										
Lead, Dissolved	**1.5**	**15**	7.7 J[a]	<6.4	<6.4	<6.4		<6.4	<6.4	<6.4	7.7 J[a]	9.8 J[a]	<6.4	<6.4	<6.4	<6.4	<0.24	**2.9**[a]	NA	<5.9	NA	<5.9	NA	<5.9	NA	<5.9	NA	<5.9
PolyChlorinated Biphenyls (PCBs)																												
Total PCBs	**0.003**	**0.03**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.11	<0.11	<0.11	NA	NA	<0.11	NA	NA	NA	NA	NA	<0.11	NA

Notes:
All groundwater concentrations are reported in micrograms per Liter (µg/L).
Only those compounds detected are shown on this table.
a - Analyte concentration exceeds WAC NR Ch. 140 Preventive Action limit (PAL; July 2023).
b - Analyte concentration exceeds WAC NR Ch. 140 Enforcement Standard (ES; July 2023).
J = Laboratory flag indicating that results reported between the Method Detection Limit and Limit of Quantitation (LOQ), which is a result that is less certain than results at or above the LOQ.
NE = No established toxicity criteria for analyte.
NA = Not analyzed
VOCs = Volatile Organic Compounds - USEPA Method 8260.
PAHs = Polynuclear Aromatic Hydrocarbons - USEPA Method 8270E.
RCRA Metals = Resource Conservation and Recovery Act Metals - USEPA Method 6020/7471 (field filtered - 0.45 micron).
< = Analyte not detected above the laboratory Method detection limit (laboratory method detection limit in parentheses).
Bold values exceed the WAC Ch. 140 ES.
Water samples designated as SB-1W in laboratory report for water sample collected from temporary monitoring well TW-1.
* = RCRA metals sampled on 03/18/2024.

Figure

LEGEND

- FILER & STOWELL SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- OLD BLDGS -TO BE DEMOLISHED
- TW-1 BORING/ABANDONED TEMPORARY MONITORING WELL LOCATION
- MW-1 ABANDONED NR 141 GROUNDWATER MONITORING WELL
- B-1 SOIL BORING LOCATION
- 1 CONCRETE TEST PIT LOCATION
- 14 SOIL REUSE SAMPLE LOCATION
- MW-1 SUB-SLAB SOIL VAPOR SAMPLING LOCATIONS
- CATCH BASIN
- DRAIN
- MANHOLE COVERS
- VAULT
- PIPE
- MW-8 PROPOSED GROUNDWATER MONITORING WELL (PFAS & 1,4-Dioxane)
- PROPOSED TEMPORARY GROUNDWATER MONITORING WELL (Oil Sheen)
- X EXCAVATION GRAB SOIL SAMPLE
- PROPOSED NEW BUILDING LOCATIONS

New Barons Brewing Coop, Twisted Path Distillery, Beer City Screen Printing)

Boat Storage

BP AMOCO

Wheel & Sprocket

E Becher St

S Robinson Avenue

Railroad

Multi-Tenent Apartments

Former Industrial Property

Staffing Partners

MKE Urban Stables

W Lincoln Avenue

S 1st Street

Kinnickinnic River

MW-9 TW-10 TW-5 TW-11 DB-15 TW-4 TW-12 TW-3 TW-2 TW-13 MW-6 MW-1 TW-14 MW-10 MW-4 TW-1 MW-2 TW-7 MW-7 MW-3 TW-6 TW-8 B-3 B-1 TW-9 B-2 MW-5 MW-11 MW-8

8.5' fill to 12'
8.5' fill to 7'
7.5'
6.5' fill to 7.5'
8.5' fill to 7'
oily sheen
12 Pit (6-8)
C Pit (4-5)
6' deep, slight sheen on water (less than Bldg 3) (while removing footers)
ML then SP to 15'

Historical Building 4

DRAFT

0 120
SCALE IN FEET

SITE FEATURES:
1. GARAGE (BUILDING A-1)
2. FOUR-STORY OFFICE BUILDING (BUILDING D-1)
3. INTEGRATED TOOL & MACHINE BUILDING (D-2)
4. SAW MILL BUILDING (C-1)
5. PAINT AND SAND BLAST BOOTHS
6. STORAGE BUILDING (BUILDING C-3)
7. FORMER FORGE BUILDING (BUILDING C-4)
8. BOAT STORAGE
9. FORMER BOAT MAINTENANCE AREA (BUILDING B-3)
10. POWER HOUSE (BUILDING A-3 THROUGH A-6)
11. PATTERN STORAGE (BUILDING A-2)
12. OFFICE (BUILDING B-7)
13. TREE/LOG STORAGE AREA

PROPOSED MONITORING WELL LOCATIONS

Filer & Stowell Property
147 East Becher Street
Milwaukee, Wisconsin 53207

RAMBOLL

FIGURE 1

DRAFTED BY: RPM | DATE: 03/27/2024 | PROJECT: 1690023383

Attachment A

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

March 26, 2024

Richard Mazurkiewicz
Ramboll US Consulting, Inc.
234 W. Florida Street
Fifth Floor
Milwaukee, WI 53204

RE: Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on March 21, 2024. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Steven Mleczko
steve.mleczko@pacelabs.com
(920)469-2436
Project Manager

Enclosures

cc: Duncan Glasford, Ramboll US Consulting, Inc.
Kyle Heimstead, Ramboll US Consulting, Inc.

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

CERTIFICATIONS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-21-8
Virginia VELAP Certification ID: 11873
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-21-00008
Federal Fish & Wildlife Permit #: 51774A

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40275781001	**C1 PIT SOIL**	Solid	03/20/24 10:00	03/21/24 09:00
40275781002	**C1 PIT GW**	Water	03/20/24 10:00	03/21/24 09:00

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

SAMPLE ANALYTE COUNT

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40275781001	**C1 PIT SOIL**	EPA 8082A	BDS	10
		EPA 6010D	SIS	7
		EPA 7471	RZA	1
		EPA 8270E by SIM	RJN	20
		EPA 8260	EIB	65
		ASTM D2974-87	SRG	1
40275781002	**C1 PIT GW**	EPA 8082A	BDS	10
		EPA 6020B	KXS	7
		EPA 7470	RZA	1
		EPA 8270E by SIM	TPO	20
		EPA 8260	NB	65

PASI-G = Pace Analytical Services - Green Bay

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT SOIL **Lab ID: 40275781001** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11141-16-5	
PCB-1242 (Aroclor 1242)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	12672-29-6	
PCB-1254 (Aroclor 1254)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	11096-82-5	
PCB, Total	**<18.6**	ug/kg	61.1	18.6	1	03/22/24 10:47	03/23/24 03:35	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	88	%	44-120		1	03/22/24 10:47	03/23/24 03:35	877-09-8	
Decachlorobiphenyl (S)	81	%	34-120		1	03/22/24 10:47	03/23/24 03:35	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**10.5**	mg/kg	2.8	1.6	1	03/22/24 07:40	03/26/24 11:56	7440-38-2	
Barium	**94.5**	mg/kg	0.56	0.17	1	03/22/24 07:40	03/26/24 11:56	7440-39-3	
Cadmium	**1.3**	mg/kg	0.56	0.15	1	03/22/24 07:40	03/26/24 11:56	7440-43-9	
Chromium	**18.7**	mg/kg	1.1	0.31	1	03/22/24 07:40	03/26/24 11:56	7440-47-3	
Lead	**275**	mg/kg	2.2	0.67	1	03/22/24 07:40	03/26/24 11:56	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	03/22/24 07:40	03/26/24 11:56	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	03/22/24 07:40	03/26/24 11:56	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.051**	mg/kg	0.040	0.011	1	03/26/24 08:30	03/26/24 12:03	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**34.4J**	ug/kg	81.9	10.6	4	03/25/24 07:54	03/25/24 17:21	83-32-9	
Acenaphthylene	**29.2J**	ug/kg	81.9	10.3	4	03/25/24 07:54	03/25/24 17:21	208-96-8	
Anthracene	**84.4**	ug/kg	81.9	10.2	4	03/25/24 07:54	03/25/24 17:21	120-12-7	
Benzo(a)anthracene	**262**	ug/kg	81.9	10.6	4	03/25/24 07:54	03/25/24 17:21	56-55-3	
Benzo(a)pyrene	**342**	ug/kg	81.9	9.3	4	03/25/24 07:54	03/25/24 17:21	50-32-8	
Benzo(b)fluoranthene	**415**	ug/kg	81.9	11.4	4	03/25/24 07:54	03/25/24 17:21	205-99-2	
Benzo(g,h,i)perylene	**262**	ug/kg	81.9	14.4	4	03/25/24 07:54	03/25/24 17:21	191-24-2	
Benzo(k)fluoranthene	**155**	ug/kg	81.9	10.5	4	03/25/24 07:54	03/25/24 17:21	207-08-9	
Chrysene	**321**	ug/kg	81.9	15.4	4	03/25/24 07:54	03/25/24 17:21	218-01-9	
Dibenz(a,h)anthracene	**66.6J**	ug/kg	81.9	11.3	4	03/25/24 07:54	03/25/24 17:21	53-70-3	
Fluoranthene	**711**	ug/kg	81.9	9.7	4	03/25/24 07:54	03/25/24 17:21	206-44-0	
Fluorene	**30.3J**	ug/kg	81.9	9.8	4	03/25/24 07:54	03/25/24 17:21	86-73-7	
Indeno(1,2,3-cd)pyrene	**198**	ug/kg	81.9	17.1	4	03/25/24 07:54	03/25/24 17:21	193-39-5	
1-Methylnaphthalene	**232**	ug/kg	81.9	12.0	4	03/25/24 07:54	03/25/24 17:21	90-12-0	
2-Methylnaphthalene	**264**	ug/kg	81.9	12.0	4	03/25/24 07:54	03/25/24 17:21	91-57-6	
Naphthalene	**220**	ug/kg	81.9	8.0	4	03/25/24 07:54	03/25/24 17:21	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT SOIL **Lab ID: 40275781001** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**735**	ug/kg	81.9	9.4	4	03/25/24 07:54	03/25/24 17:21	85-01-8	
Pyrene	**573**	ug/kg	81.9	12.0	4	03/25/24 07:54	03/25/24 17:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	46	%	39-120		4	03/25/24 07:54	03/25/24 17:21	321-60-8	
Terphenyl-d14 (S)	51	%	36-120		4	03/25/24 07:54	03/25/24 17:21	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
1,1,1,2-Tetrachloroethane	**<21.3**	ug/kg	88.7	21.3	1	03/22/24 08:45	03/26/24 13:18	630-20-6	
1,1,1-Trichloroethane	**<22.7**	ug/kg	88.7	22.7	1	03/22/24 08:45	03/26/24 13:18	71-55-6	
1,1,2,2-Tetrachloroethane	**<32.1**	ug/kg	88.7	32.1	1	03/22/24 08:45	03/26/24 13:18	79-34-5	
1,1,2-Trichloroethane	**<32.3**	ug/kg	88.7	32.3	1	03/22/24 08:45	03/26/24 13:18	79-00-5	
1,1-Dichloroethane	**<22.7**	ug/kg	88.7	22.7	1	03/22/24 08:45	03/26/24 13:18	75-34-3	
1,1-Dichloroethene	**<29.5**	ug/kg	88.7	29.5	1	03/22/24 08:45	03/26/24 13:18	75-35-4	
1,1-Dichloropropene	**<28.8**	ug/kg	88.7	28.8	1	03/22/24 08:45	03/26/24 13:18	563-58-6	
1,2,3-Trichlorobenzene	**<98.9**	ug/kg	444	98.9	1	03/22/24 08:45	03/26/24 13:18	87-61-6	
1,2,3-Trichloropropane	**<43.1**	ug/kg	88.7	43.1	1	03/22/24 08:45	03/26/24 13:18	96-18-4	
1,2,4-Trichlorobenzene	**<73.1**	ug/kg	444	73.1	1	03/22/24 08:45	03/26/24 13:18	120-82-1	
1,2,4-Trimethylbenzene	**175**	ug/kg	88.7	26.4	1	03/22/24 08:45	03/26/24 13:18	95-63-6	
1,2-Dibromo-3-chloropropane	**<68.9**	ug/kg	444	68.9	1	03/22/24 08:45	03/26/24 13:18	96-12-8	
1,2-Dibromoethane (EDB)	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	106-93-4	
1,2-Dichlorobenzene	**<27.5**	ug/kg	88.7	27.5	1	03/22/24 08:45	03/26/24 13:18	95-50-1	
1,2-Dichloroethane	**<20.4**	ug/kg	88.7	20.4	1	03/22/24 08:45	03/26/24 13:18	107-06-2	
1,2-Dichloropropane	**<21.1**	ug/kg	88.7	21.1	1	03/22/24 08:45	03/26/24 13:18	78-87-5	
1,3,5-Trimethylbenzene	**55.1J**	ug/kg	88.7	28.6	1	03/22/24 08:45	03/26/24 13:18	108-67-8	
1,3-Dichlorobenzene	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	541-73-1	
1,3-Dichloropropane	**<19.3**	ug/kg	88.7	19.3	1	03/22/24 08:45	03/26/24 13:18	142-28-9	
1,4-Dichlorobenzene	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	106-46-7	
2,2-Dichloropropane	**<24.0**	ug/kg	88.7	24.0	1	03/22/24 08:45	03/26/24 13:18	594-20-7	
2-Chlorotoluene	**<28.8**	ug/kg	88.7	28.8	1	03/22/24 08:45	03/26/24 13:18	95-49-8	
4-Chlorotoluene	**<33.7**	ug/kg	88.7	33.7	1	03/22/24 08:45	03/26/24 13:18	106-43-4	
Benzene	**34.1J**	ug/kg	35.5	21.1	1	03/22/24 08:45	03/26/24 13:18	71-43-2	
Bromobenzene	**<34.6**	ug/kg	88.7	34.6	1	03/22/24 08:45	03/26/24 13:18	108-86-1	
Bromochloromethane	**<24.3**	ug/kg	88.7	24.3	1	03/22/24 08:45	03/26/24 13:18	74-97-5	
Bromodichloromethane	**<21.1**	ug/kg	88.7	21.1	1	03/22/24 08:45	03/26/24 13:18	75-27-4	
Bromoform	**<390**	ug/kg	444	390	1	03/22/24 08:45	03/26/24 13:18	75-25-2	
Bromomethane	**<124**	ug/kg	444	124	1	03/22/24 08:45	03/26/24 13:18	74-83-9	
Carbon tetrachloride	**<19.5**	ug/kg	88.7	19.5	1	03/22/24 08:45	03/26/24 13:18	56-23-5	
Chlorobenzene	**<10.6**	ug/kg	88.7	10.6	1	03/22/24 08:45	03/26/24 13:18	108-90-7	
Chloroethane	**<37.4**	ug/kg	444	37.4	1	03/22/24 08:45	03/26/24 13:18	75-00-3	
Chloroform	**<63.5**	ug/kg	444	63.5	1	03/22/24 08:45	03/26/24 13:18	67-66-3	
Chloromethane	**<33.7**	ug/kg	88.7	33.7	1	03/22/24 08:45	03/26/24 13:18	74-87-3	
Dibromochloromethane	**<303**	ug/kg	444	303	1	03/22/24 08:45	03/26/24 13:18	124-48-1	
Dibromomethane	**<26.3**	ug/kg	88.7	26.3	1	03/22/24 08:45	03/26/24 13:18	74-95-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT SOIL **Lab ID: 40275781001** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Solid

Results reported on a "dry weight" basis and are adjusted for percent moisture, sample size and any dilutions.

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Dichlorodifluoromethane	**<38.2**	ug/kg	88.7	38.2	1	03/22/24 08:45	03/26/24 13:18	75-71-8	
Diisopropyl ether	**<22.0**	ug/kg	88.7	22.0	1	03/22/24 08:45	03/26/24 13:18	108-20-3	
Ethylbenzene	**35.4J**	ug/kg	88.7	21.1	1	03/22/24 08:45	03/26/24 13:18	100-41-4	
Hexachloro-1,3-butadiene	**<176**	ug/kg	444	176	1	03/22/24 08:45	03/26/24 13:18	87-68-3	
Isopropylbenzene (Cumene)	**<24.0**	ug/kg	88.7	24.0	1	03/22/24 08:45	03/26/24 13:18	98-82-8	
Methyl-tert-butyl ether	**<26.1**	ug/kg	88.7	26.1	1	03/22/24 08:45	03/26/24 13:18	1634-04-4	
Methylene Chloride	**<24.7**	ug/kg	88.7	24.7	1	03/22/24 08:45	03/26/24 13:18	75-09-2	
Naphthalene	**308J**	ug/kg	444	37.3	1	03/22/24 08:45	03/26/24 13:18	91-20-3	
Styrene	**<22.7**	ug/kg	88.7	22.7	1	03/22/24 08:45	03/26/24 13:18	100-42-5	
Tetrachloroethene	**<34.4**	ug/kg	88.7	34.4	1	03/22/24 08:45	03/26/24 13:18	127-18-4	
Toluene	**178**	ug/kg	88.7	22.4	1	03/22/24 08:45	03/26/24 13:18	108-88-3	
Trichloroethene	**<33.2**	ug/kg	88.7	33.2	1	03/22/24 08:45	03/26/24 13:18	79-01-6	
Trichlorofluoromethane	**<25.7**	ug/kg	88.7	25.7	1	03/22/24 08:45	03/26/24 13:18	75-69-4	
Vinyl chloride	**<17.9**	ug/kg	88.7	17.9	1	03/22/24 08:45	03/26/24 13:18	75-01-4	
Xylene (Total)	**458**	ug/kg	266	64.1	1	03/22/24 08:45	03/26/24 13:18	1330-20-7	
cis-1,2-Dichloroethene	**<19.0**	ug/kg	88.7	19.0	1	03/22/24 08:45	03/26/24 13:18	156-59-2	
cis-1,3-Dichloropropene	**<58.6**	ug/kg	444	58.6	1	03/22/24 08:45	03/26/24 13:18	10061-01-5	
m&p-Xylene	**261**	ug/kg	177	37.4	1	03/22/24 08:45	03/26/24 13:18	179601-23-1	
n-Butylbenzene	**<40.6**	ug/kg	88.7	40.6	1	03/22/24 08:45	03/26/24 13:18	104-51-8	
n-Propylbenzene	**26.0J**	ug/kg	88.7	21.3	1	03/22/24 08:45	03/26/24 13:18	103-65-1	
o-Xylene	**197**	ug/kg	88.7	26.6	1	03/22/24 08:45	03/26/24 13:18	95-47-6	
p-Isopropyltoluene	**<30.2**	ug/kg	88.7	30.2	1	03/22/24 08:45	03/26/24 13:18	99-87-6	
sec-Butylbenzene	**<30.5**	ug/kg	88.7	30.5	1	03/22/24 08:45	03/26/24 13:18	135-98-8	
tert-Butylbenzene	**<27.9**	ug/kg	88.7	27.9	1	03/22/24 08:45	03/26/24 13:18	98-06-6	
trans-1,2-Dichloroethene	**<19.4**	ug/kg	88.7	19.4	1	03/22/24 08:45	03/26/24 13:18	156-60-5	
trans-1,3-Dichloropropene	**<254**	ug/kg	444	254	1	03/22/24 08:45	03/26/24 13:18	10061-02-6	
Surrogates									
Toluene-d8 (S)	101	%	70-139		1	03/22/24 08:45	03/26/24 13:18	2037-26-5	
4-Bromofluorobenzene (S)	103	%	72-142		1	03/22/24 08:45	03/26/24 13:18	460-00-4	
1,2-Dichlorobenzene-d4 (S)	105	%	67-144		1	03/22/24 08:45	03/26/24 13:18	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.3**	%	0.10	0.10	1		03/21/24 14:06		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT GW **Lab ID: 40275781002** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB Low Volume	Analytical Method: EPA 8082A Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	12674-11-2	
PCB-1221 (Aroclor 1221)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11104-28-2	
PCB-1232 (Aroclor 1232)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11141-16-5	
PCB-1242 (Aroclor 1242)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	53469-21-9	
PCB-1248 (Aroclor 1248)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	12672-29-6	
PCB-1254 (Aroclor 1254)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11097-69-1	
PCB-1260 (Aroclor 1260)	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	11096-82-5	
PCB, Total	**<0.11**	ug/L	0.50	0.11	1	03/25/24 08:37	03/26/24 12:56	1336-36-3	
Surrogates									
Decachlorobiphenyl (S)	39	%	10-132		1	03/25/24 08:37	03/26/24 12:56	2051-24-3	
Tetrachloro-m-xylene (S)	76	%	41-120		1	03/25/24 08:37	03/26/24 12:56	877-09-8	
6020B MET ICPMS, Dissolved	Analytical Method: EPA 6020B Preparation Method: EPA 3010A Pace Analytical Services - Green Bay								
Arsenic, Dissolved	**2.4**	ug/L	1.0	0.28	1	03/22/24 07:03	03/22/24 19:08	7440-38-2	
Barium, Dissolved	**100**	ug/L	2.3	0.70	1	03/22/24 07:03	03/22/24 19:08	7440-39-3	
Cadmium, Dissolved	**<0.15**	ug/L	1.0	0.15	1	03/22/24 07:03	03/22/24 19:08	7440-43-9	
Chromium, Dissolved	**<1.0**	ug/L	3.4	1.0	1	03/22/24 07:03	03/22/24 19:08	7440-47-3	
Lead, Dissolved	**2.9**	ug/L	1.0	0.24	1	03/22/24 07:03	03/22/24 19:08	7439-92-1	
Selenium, Dissolved	**11.7**	ug/L	1.1	0.32	1	03/22/24 07:03	03/22/24 19:08	7782-49-2	
Silver, Dissolved	**<0.13**	ug/L	0.50	0.13	1	03/22/24 07:03	03/22/24 19:08	7440-22-4	
7470 Mercury, Dissolved	Analytical Method: EPA 7470 Preparation Method: EPA 7470 Pace Analytical Services - Green Bay								
Mercury, Dissolved	**<0.066**	ug/L	0.20	0.066	1	03/22/24 11:05	03/25/24 11:28	7439-97-6	
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Acenaphthene	**0.042J**	ug/L	0.050	0.014	1	03/22/24 09:14	03/25/24 21:25	83-32-9	
Acenaphthylene	**0.13**	ug/L	0.050	0.013	1	03/22/24 09:14	03/25/24 21:25	208-96-8	
Anthracene	**0.17**	ug/L	0.050	0.018	1	03/22/24 09:14	03/25/24 21:25	120-12-7	
Benzo(a)anthracene	**0.73**	ug/L	0.050	0.014	1	03/22/24 09:14	03/25/24 21:25	56-55-3	
Benzo(a)pyrene	**0.94**	ug/L	0.050	0.013	1	03/22/24 09:14	03/25/24 21:25	50-32-8	
Benzo(b)fluoranthene	**1.4**	ug/L	0.050	0.0091	1	03/22/24 09:14	03/25/24 21:25	205-99-2	
Benzo(g,h,i)perylene	**1.0**	ug/L	0.050	0.023	1	03/22/24 09:14	03/25/24 21:25	191-24-2	
Benzo(k)fluoranthene	**0.57**	ug/L	0.050	0.022	1	03/22/24 09:14	03/25/24 21:25	207-08-9	
Chrysene	**0.99**	ug/L	0.050	0.013	1	03/22/24 09:14	03/25/24 21:25	218-01-9	
Dibenz(a,h)anthracene	**0.19**	ug/L	0.050	0.018	1	03/22/24 09:14	03/25/24 21:25	53-70-3	
Fluoranthene	**1.1**	ug/L	0.050	0.026	1	03/22/24 09:14	03/25/24 21:25	206-44-0	
Fluorene	**0.031J**	ug/L	0.050	0.024	1	03/22/24 09:14	03/25/24 21:25	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.96**	ug/L	0.050	0.016	1	03/22/24 09:14	03/25/24 21:25	193-39-5	
1-Methylnaphthalene	**0.075**	ug/L	0.050	0.018	1	03/22/24 09:14	03/25/24 21:25	90-12-0	
2-Methylnaphthalene	**0.088**	ug/L	0.050	0.014	1	03/22/24 09:14	03/25/24 21:25	91-57-6	
Naphthalene	**0.44**	ug/L	0.050	0.020	1	03/22/24 09:14	03/25/24 21:25	91-20-3	
Phenanthrene	**0.48**	ug/L	0.050	0.026	1	03/22/24 09:14	03/25/24 21:25	85-01-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT GW **Lab ID: 40275781002** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3510 Pace Analytical Services - Green Bay								
Pyrene	**1.4**	ug/L	0.050	0.023	1	03/22/24 09:14	03/25/24 21:25	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	63	%	38-120		1	03/22/24 09:14	03/25/24 21:25	321-60-8	
Terphenyl-d14 (S)	75	%	47-121		1	03/22/24 09:14	03/25/24 21:25	1718-51-0	
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Benzene	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	71-43-2	
Bromobenzene	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	108-86-1	
Bromochloromethane	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	74-97-5	
Bromodichloromethane	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	75-27-4	
Bromoform	**<0.43**	ug/L	1.0	0.43	1		03/26/24 02:11	75-25-2	
Bromomethane	**<1.2**	ug/L	5.0	1.2	1		03/26/24 02:11	74-83-9	
n-Butylbenzene	**<0.86**	ug/L	1.0	0.86	1		03/26/24 02:11	104-51-8	
sec-Butylbenzene	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	135-98-8	
tert-Butylbenzene	**<0.59**	ug/L	1.0	0.59	1		03/26/24 02:11	98-06-6	
Carbon tetrachloride	**<0.37**	ug/L	1.0	0.37	1		03/26/24 02:11	56-23-5	
Chlorobenzene	**<0.86**	ug/L	1.0	0.86	1		03/26/24 02:11	108-90-7	
Chloroethane	**<1.4**	ug/L	5.0	1.4	1		03/26/24 02:11	75-00-3	
Chloroform	**<0.50**	ug/L	5.0	0.50	1		03/26/24 02:11	67-66-3	
Chloromethane	**<1.6**	ug/L	5.0	1.6	1		03/26/24 02:11	74-87-3	
2-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/26/24 02:11	95-49-8	
4-Chlorotoluene	**<0.89**	ug/L	5.0	0.89	1		03/26/24 02:11	106-43-4	
1,2-Dibromo-3-chloropropane	**<2.4**	ug/L	5.0	2.4	1		03/26/24 02:11	96-12-8	
Dibromochloromethane	**<2.6**	ug/L	5.0	2.6	1		03/26/24 02:11	124-48-1	
1,2-Dibromoethane (EDB)	**<0.31**	ug/L	1.0	0.31	1		03/26/24 02:11	106-93-4	
Dibromomethane	**<0.99**	ug/L	5.0	0.99	1		03/26/24 02:11	74-95-3	
1,2-Dichlorobenzene	**<0.33**	ug/L	1.0	0.33	1		03/26/24 02:11	95-50-1	
1,3-Dichlorobenzene	**<0.35**	ug/L	1.0	0.35	1		03/26/24 02:11	541-73-1	
1,4-Dichlorobenzene	**<0.89**	ug/L	1.0	0.89	1		03/26/24 02:11	106-46-7	
Dichlorodifluoromethane	**<0.46**	ug/L	5.0	0.46	1		03/26/24 02:11	75-71-8	
1,1-Dichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	75-34-3	
1,2-Dichloroethane	**<0.29**	ug/L	1.0	0.29	1		03/26/24 02:11	107-06-2	
1,1-Dichloroethene	**<0.58**	ug/L	1.0	0.58	1		03/26/24 02:11	75-35-4	
cis-1,2-Dichloroethene	**<0.47**	ug/L	1.0	0.47	1		03/26/24 02:11	156-59-2	
trans-1,2-Dichloroethene	**<0.53**	ug/L	1.0	0.53	1		03/26/24 02:11	156-60-5	
1,2-Dichloropropane	**<0.45**	ug/L	1.0	0.45	1		03/26/24 02:11	78-87-5	
1,3-Dichloropropane	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	142-28-9	
2,2-Dichloropropane	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	594-20-7	
1,1-Dichloropropene	**<0.41**	ug/L	1.0	0.41	1		03/26/24 02:11	563-58-6	
cis-1,3-Dichloropropene	**<0.24**	ug/L	1.0	0.24	1		03/26/24 02:11	10061-01-5	
trans-1,3-Dichloropropene	**<0.27**	ug/L	1.0	0.27	1		03/26/24 02:11	10061-02-6	
Diisopropyl ether	**<1.1**	ug/L	5.0	1.1	1		03/26/24 02:11	108-20-3	
Ethylbenzene	**<0.33**	ug/L	1.0	0.33	1		03/26/24 02:11	100-41-4	
Hexachloro-1,3-butadiene	**<2.7**	ug/L	5.0	2.7	1		03/26/24 02:11	87-68-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Sample: C1 PIT GW **Lab ID: 40275781002** Collected: 03/20/24 10:00 Received: 03/21/24 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV	Analytical Method: EPA 8260 Pace Analytical Services - Green Bay								
Isopropylbenzene (Cumene)	**<1.0**	ug/L	5.0	1.0	1		03/26/24 02:11	98-82-8	
p-Isopropyltoluene	**<1.0**	ug/L	5.0	1.0	1		03/26/24 02:11	99-87-6	
Methylene Chloride	**<0.32**	ug/L	5.0	0.32	1		03/26/24 02:11	75-09-2	
Methyl-tert-butyl ether	**<1.1**	ug/L	5.0	1.1	1		03/26/24 02:11	1634-04-4	
Naphthalene	**<1.9**	ug/L	5.0	1.9	1		03/26/24 02:11	91-20-3	
n-Propylbenzene	**<0.35**	ug/L	1.0	0.35	1		03/26/24 02:11	103-65-1	
Styrene	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	100-42-5	
1,1,1,2-Tetrachloroethane	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	630-20-6	
1,1,2,2-Tetrachloroethane	**<0.38**	ug/L	1.0	0.38	1		03/26/24 02:11	79-34-5	
Tetrachloroethene	**<0.41**	ug/L	1.0	0.41	1		03/26/24 02:11	127-18-4	
Toluene	**<0.29**	ug/L	1.0	0.29	1		03/26/24 02:11	108-88-3	
1,2,3-Trichlorobenzene	**<1.0**	ug/L	5.0	1.0	1		03/26/24 02:11	87-61-6	
1,2,4-Trichlorobenzene	**<0.95**	ug/L	5.0	0.95	1		03/26/24 02:11	120-82-1	
1,1,1-Trichloroethane	**<0.30**	ug/L	1.0	0.30	1		03/26/24 02:11	71-55-6	
1,1,2-Trichloroethane	**<0.34**	ug/L	1.0	0.34	1		03/26/24 02:11	79-00-5	
Trichloroethene	**<0.32**	ug/L	1.0	0.32	1		03/26/24 02:11	79-01-6	
Trichlorofluoromethane	**<0.42**	ug/L	1.0	0.42	1		03/26/24 02:11	75-69-4	
1,2,3-Trichloropropane	**<0.56**	ug/L	1.0	0.56	1		03/26/24 02:11	96-18-4	
1,2,4-Trimethylbenzene	**<0.45**	ug/L	1.0	0.45	1		03/26/24 02:11	95-63-6	
1,3,5-Trimethylbenzene	**<0.36**	ug/L	1.0	0.36	1		03/26/24 02:11	108-67-8	
Vinyl chloride	**<0.17**	ug/L	1.0	0.17	1		03/26/24 02:11	75-01-4	
Xylene (Total)	**<1.0**	ug/L	3.0	1.0	1		03/26/24 02:11	1330-20-7	
m&p-Xylene	**<0.70**	ug/L	2.0	0.70	1		03/26/24 02:11	179601-23-1	
o-Xylene	**<0.35**	ug/L	1.0	0.35	1		03/26/24 02:11	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	97	%	70-130		1		03/26/24 02:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	97	%	70-130		1		03/26/24 02:11	2199-69-1	
Toluene-d8 (S)	98	%	70-130		1		03/26/24 02:11	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469871
QC Batch Method: EPA 7470
Analysis Method: EPA 7470
Analysis Description: 7470 Mercury Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2691819 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury, Dissolved	ug/L	<0.066	0.20	03/25/24 10:46	

LABORATORY CONTROL SAMPLE: 2691820

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury, Dissolved	ug/L	5	5.1	102	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691821 2691822

Parameter	Units	40275759003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury, Dissolved	ug/L	<0.066	5	5	5.1	5.0	101	100	85-115	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
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QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 470003
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2692749 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	03/26/24 11:35	

LABORATORY CONTROL SAMPLE: 2692750

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.83	100	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692751 2692752

Parameter	Units	40275658001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	<0.010	0.85	0.87	0.85	0.89	100	102	85-115	4	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469840
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2691680 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	03/26/24 11:39	
Barium	mg/kg	<0.15	0.50	03/26/24 11:39	
Cadmium	mg/kg	<0.13	0.50	03/26/24 11:39	
Chromium	mg/kg	<0.28	1.0	03/26/24 11:39	
Lead	mg/kg	<0.60	2.0	03/26/24 11:39	
Selenium	mg/kg	<1.3	4.0	03/26/24 11:39	
Silver	mg/kg	<0.31	1.0	03/26/24 11:39	

LABORATORY CONTROL SAMPLE: 2691681

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.3	97	80-120	
Barium	mg/kg	25	25.6	102	80-120	
Cadmium	mg/kg	25	26.2	105	80-120	
Chromium	mg/kg	25	25.5	102	80-120	
Lead	mg/kg	25	26.4	106	80-120	
Selenium	mg/kg	25	25.9	104	80-120	
Silver	mg/kg	12.5	13.0	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691682 2691683

Parameter	Units	40275825001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	2.5J	32.6	32.7	33.9	33.9	96	96	75-125	0	20	
Barium	mg/kg	155	32.6	32.7	211	225	173	215	75-125	6	20	P6
Cadmium	mg/kg	0.95	32.6	32.7	33.7	34.2	100	102	75-125	2	20	
Chromium	mg/kg	12.9	32.6	32.7	50.4	46.7	115	103	75-125	8	20	
Lead	mg/kg	146	32.6	32.7	190	179	136	100	75-125	6	20	P6
Selenium	mg/kg	<1.7	32.6	32.7	32.3	33.6	98	101	75-125	4	20	
Silver	mg/kg	0.77J	16.2	16.4	17.1	17.3	100	101	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469835
QC Batch Method: EPA 3010A
Analysis Method: EPA 6020B
Analysis Description: 6020B MET Dissolved
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2691646 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic, Dissolved	ug/L	<0.28	1.0	03/22/24 18:54	
Barium, Dissolved	ug/L	<0.70	2.3	03/22/24 18:54	
Cadmium, Dissolved	ug/L	<0.15	1.0	03/22/24 18:54	
Chromium, Dissolved	ug/L	<1.0	3.4	03/22/24 18:54	
Lead, Dissolved	ug/L	<0.24	1.0	03/22/24 18:54	
Selenium, Dissolved	ug/L	<0.32	1.1	03/22/24 18:54	
Silver, Dissolved	ug/L	<0.13	0.50	03/22/24 18:54	

LABORATORY CONTROL SAMPLE: 2691647

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic, Dissolved	ug/L	250	264	106	80-120	
Barium, Dissolved	ug/L	250	258	103	80-120	
Cadmium, Dissolved	ug/L	250	262	105	80-120	
Chromium, Dissolved	ug/L	250	250	100	80-120	
Lead, Dissolved	ug/L	250	265	106	80-120	
Selenium, Dissolved	ug/L	250	269	107	80-120	
Silver, Dissolved	ug/L	125	129	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691648 2691649

Parameter	Units	40275781002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic, Dissolved	ug/L	2.4	250	250	272	269	108	107	75-125	1	20	
Barium, Dissolved	ug/L	100	250	250	362	358	105	103	75-125	1	20	
Cadmium, Dissolved	ug/L	<0.15	250	250	256	255	102	102	75-125	0	20	
Chromium, Dissolved	ug/L	<1.0	250	250	249	251	99	100	75-125	1	20	
Lead, Dissolved	ug/L	2.9	250	250	271	272	107	108	75-125	1	20	
Selenium, Dissolved	ug/L	11.7	250	250	285	280	109	107	75-125	2	20	
Silver, Dissolved	ug/L	<0.13	125	125	121	121	97	97	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469858
QC Batch Method: EPA 5035/5030B
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2691748 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	03/25/24 11:01	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	03/25/24 11:01	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	03/25/24 11:01	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	03/25/24 11:01	
1,1-Dichloroethane	ug/kg	<12.8	50.0	03/25/24 11:01	
1,1-Dichloroethene	ug/kg	<16.6	50.0	03/25/24 11:01	
1,1-Dichloropropene	ug/kg	<16.2	50.0	03/25/24 11:01	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	03/25/24 11:01	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	03/25/24 11:01	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	03/25/24 11:01	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	03/25/24 11:01	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	03/25/24 11:01	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	03/25/24 11:01	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	03/25/24 11:01	
1,2-Dichloroethane	ug/kg	<11.5	50.0	03/25/24 11:01	
1,2-Dichloropropane	ug/kg	<11.9	50.0	03/25/24 11:01	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	03/25/24 11:01	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	03/25/24 11:01	
1,3-Dichloropropane	ug/kg	<10.9	50.0	03/25/24 11:01	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	03/25/24 11:01	
2,2-Dichloropropane	ug/kg	<13.5	50.0	03/25/24 11:01	
2-Chlorotoluene	ug/kg	<16.2	50.0	03/25/24 11:01	
4-Chlorotoluene	ug/kg	<19.0	50.0	03/25/24 11:01	
Benzene	ug/kg	<11.9	20.0	03/25/24 11:01	
Bromobenzene	ug/kg	<19.5	50.0	03/25/24 11:01	
Bromochloromethane	ug/kg	<13.7	50.0	03/25/24 11:01	
Bromodichloromethane	ug/kg	<11.9	50.0	03/25/24 11:01	
Bromoform	ug/kg	<220	250	03/25/24 11:01	
Bromomethane	ug/kg	<70.1	250	03/25/24 11:01	
Carbon tetrachloride	ug/kg	<11.0	50.0	03/25/24 11:01	
Chlorobenzene	ug/kg	<6.0	50.0	03/25/24 11:01	
Chloroethane	ug/kg	<21.1	250	03/25/24 11:01	
Chloroform	ug/kg	<35.8	250	03/25/24 11:01	
Chloromethane	ug/kg	<19.0	50.0	03/25/24 11:01	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	03/25/24 11:01	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	03/25/24 11:01	
Dibromochloromethane	ug/kg	<171	250	03/25/24 11:01	
Dibromomethane	ug/kg	<14.8	50.0	03/25/24 11:01	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	03/25/24 11:01	
Diisopropyl ether	ug/kg	<12.4	50.0	03/25/24 11:01	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

METHOD BLANK: 2691748 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	03/25/24 11:01	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	03/25/24 11:01	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	03/25/24 11:01	
m&p-Xylene	ug/kg	<21.1	100	03/25/24 11:01	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	03/25/24 11:01	
Methylene Chloride	ug/kg	<13.9	50.0	03/25/24 11:01	
n-Butylbenzene	ug/kg	<22.9	50.0	03/25/24 11:01	
n-Propylbenzene	ug/kg	<12.0	50.0	03/25/24 11:01	
Naphthalene	ug/kg	<21.0	250	03/25/24 11:01	
o-Xylene	ug/kg	<15.0	50.0	03/25/24 11:01	
p-Isopropyltoluene	ug/kg	<17.0	50.0	03/25/24 11:01	
sec-Butylbenzene	ug/kg	<17.2	50.0	03/25/24 11:01	
Styrene	ug/kg	<12.8	50.0	03/25/24 11:01	
tert-Butylbenzene	ug/kg	<15.7	50.0	03/25/24 11:01	
Tetrachloroethene	ug/kg	<19.4	50.0	03/25/24 11:01	
Toluene	ug/kg	<12.6	50.0	03/25/24 11:01	
trans-1,2-Dichloroethene	ug/kg	<10.9	50.0	03/25/24 11:01	
trans-1,3-Dichloropropene	ug/kg	<143	250	03/25/24 11:01	
Trichloroethene	ug/kg	<18.7	50.0	03/25/24 11:01	
Trichlorofluoromethane	ug/kg	<14.5	50.0	03/25/24 11:01	
Vinyl chloride	ug/kg	<10.1	50.0	03/25/24 11:01	
Xylene (Total)	ug/kg	<36.1	150	03/25/24 11:01	
1,2-Dichlorobenzene-d4 (S)	%	103	67-144	03/25/24 11:01	
4-Bromofluorobenzene (S)	%	102	72-142	03/25/24 11:01	
Toluene-d8 (S)	%	97	70-139	03/25/24 11:01	

LABORATORY CONTROL SAMPLE: 2691749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2460	98	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2710	108	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2330	93	70-130	
1,1-Dichloroethane	ug/kg	2500	2560	103	70-130	
1,1-Dichloroethene	ug/kg	2500	2160	87	77-122	
1,2,4-Trichlorobenzene	ug/kg	2500	2120	85	66-125	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2340	94	66-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2370	95	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2590	104	70-130	
1,2-Dichloroethane	ug/kg	2500	2540	101	70-130	
1,2-Dichloropropane	ug/kg	2500	2480	99	80-121	
1,3-Dichlorobenzene	ug/kg	2500	2570	103	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2560	102	70-130	
Benzene	ug/kg	2500	2410	97	70-130	
Bromodichloromethane	ug/kg	2500	2570	103	70-130	

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REPORT OF LABORATORY ANALYSIS

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1241 Bellevue Street - Suite 9
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(920)469-2436

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2691749

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2190	88	67-130	
Bromomethane	ug/kg	2500	2600	104	25-150	
Carbon tetrachloride	ug/kg	2500	2350	94	72-136	
Chlorobenzene	ug/kg	2500	2500	100	70-130	
Chloroethane	ug/kg	2500	2380	95	20-178	
Chloroform	ug/kg	2500	2450	98	80-120	
Chloromethane	ug/kg	2500	1980	79	45-123	
cis-1,2-Dichloroethene	ug/kg	2500	2390	95	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2320	93	70-130	
Dibromochloromethane	ug/kg	2500	2310	92	70-130	
Dichlorodifluoromethane	ug/kg	2500	1790	72	14-106	
Ethylbenzene	ug/kg	2500	2240	90	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2130	85	70-130	
m&p-Xylene	ug/kg	5000	4600	92	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2450	98	70-130	
Methylene Chloride	ug/kg	2500	2500	100	70-130	
o-Xylene	ug/kg	2500	2310	92	70-130	
Styrene	ug/kg	2500	2420	97	70-130	
Tetrachloroethene	ug/kg	2500	2230	89	70-130	
Toluene	ug/kg	2500	2370	95	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2290	91	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2300	92	70-130	
Trichloroethene	ug/kg	2500	2410	96	70-130	
Trichlorofluoromethane	ug/kg	2500	2090	84	49-141	
Vinyl chloride	ug/kg	2500	1880	75	59-120	
Xylene (Total)	ug/kg	7500	6910	92	70-130	
1,2-Dichlorobenzene-d4 (S)	%			110	67-144	
4-Bromofluorobenzene (S)	%			111	72-142	
Toluene-d8 (S)	%			102	70-139	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691750 2691751

Parameter	Units	40275794002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<20.4	1590	1590	1400	1230	88	77	56-130	13	20	
1,1,2,2-Tetrachloroethane	ug/kg	<28.8	1590	1590	1710	1740	107	110	70-133	2	20	
1,1,2-Trichloroethane	ug/kg	<29.0	1590	1590	1450	1420	91	89	70-130	2	20	
1,1-Dichloroethane	ug/kg	<20.4	1590	1590	1650	1360	103	85	70-130	19	20	
1,1-Dichloroethene	ug/kg	<26.4	1590	1590	1160	979	73	62	52-122	17	20	
1,2,4-Trichlorobenzene	ug/kg	<65.6	1590	1590	1630	1550	102	97	66-136	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<61.7	1590	1590	1600	1530	101	96	59-131	5	23	
1,2-Dibromoethane (EDB)	ug/kg	<21.8	1590	1590	1480	1420	93	89	70-130	4	20	
1,2-Dichlorobenzene	ug/kg	<24.7	1590	1590	1720	1710	108	108	70-130	1	20	
1,2-Dichloroethane	ug/kg	<18.3	1590	1590	1630	1530	102	96	70-130	6	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691750 2691751

Parameter	Units	40275794002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<18.9	1590	1590	1620	1460	102	92	77-121	10	20	
1,3-Dichlorobenzene	ug/kg	<21.8	1590	1590	1740	1640	109	103	70-130	6	20	
1,4-Dichlorobenzene	ug/kg	<21.8	1590	1590	1750	1670	110	105	70-130	5	20	
Benzene	ug/kg	<18.9	1590	1590	1520	1400	95	88	70-130	8	20	
Bromodichloromethane	ug/kg	<18.9	1590	1590	1630	1500	103	95	70-130	8	20	
Bromoform	ug/kg	<350	1590	1590	1380	1280	87	80	67-130	8	20	
Bromomethane	ug/kg	<112	1590	1590	1450	1410	91	89	25-150	3	20	
Carbon tetrachloride	ug/kg	<17.5	1590	1590	1300	1080	81	68	48-136	18	20	
Chlorobenzene	ug/kg	<9.5	1590	1590	1620	1570	102	98	70-130	3	20	
Chloroethane	ug/kg	<33.6	1590	1590	1240	1220	78	77	20-178	2	23	
Chloroform	ug/kg	<57.0	1590	1590	1570	1470	99	92	80-120	7	20	
Chloromethane	ug/kg	<30.2	1590	1590	919	814	58	51	23-132	12	20	
cis-1,2-Dichloroethene	ug/kg	<17.0	1590	1590	1520	1450	96	91	70-130	5	20	
cis-1,3-Dichloropropene	ug/kg	<52.5	1590	1590	1420	1380	89	87	70-130	3	20	
Dibromochloromethane	ug/kg	<272	1590	1590	1450	1330	91	84	70-130	8	20	
Dichlorodifluoromethane	ug/kg	<34.2	1590	1590	463	368	29	23	10-106	23	34	
Ethylbenzene	ug/kg	<18.9	1590	1590	1440	1320	91	83	80-120	9	20	
Isopropylbenzene (Cumene)	ug/kg	<21.5	1590	1590	1340	1160	84	73	70-130	14	20	
m&p-Xylene	ug/kg	<33.6	3190	3190	2880	2700	90	85	70-130	6	20	
Methyl-tert-butyl ether	ug/kg	<23.4	1590	1590	1530	1470	96	93	67-130	4	20	
Methylene Chloride	ug/kg	<22.1	1590	1590	1590	1480	100	93	70-130	7	20	
o-Xylene	ug/kg	<23.9	1590	1590	1550	1440	97	90	70-130	7	20	
Styrene	ug/kg	<20.4	1590	1590	1590	1500	100	94	70-130	6	20	
Tetrachloroethene	ug/kg	<30.9	1590	1590	1340	1140	84	72	70-130	16	20	
Toluene	ug/kg	<20.0	1590	1590	1500	1380	94	87	80-120	8	20	
trans-1,2-Dichloroethene	ug/kg	<17.4	1590	1590	1410	1290	89	81	70-130	9	20	
trans-1,3-Dichloropropene	ug/kg	<228	1590	1590	1370	1330	86	84	70-130	3	20	
Trichloroethene	ug/kg	<29.8	1590	1590	1490	1400	94	88	70-130	6	20	
Trichlorofluoromethane	ug/kg	<23.1	1590	1590	1240	912	78	57	21-141	31	28	R1
Vinyl chloride	ug/kg	<16.1	1590	1590	895	758	56	48	29-120	17	20	
Xylene (Total)	ug/kg	<57.4	4770	4770	4420	4130	93	87	70-130	7	20	
1,2-Dichlorobenzene-d4 (S)	%						146	147	67-144			1q,2q
4-Bromofluorobenzene (S)	%						155	150	72-142			1q,2q
Toluene-d8 (S)	%						141	130	70-139			2q

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469851
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275781002

METHOD BLANK: 2691725 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	<0.36	1.0	03/25/24 17:25	
1,1,1-Trichloroethane	ug/L	<0.30	1.0	03/25/24 17:25	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	1.0	03/25/24 17:25	
1,1,2-Trichloroethane	ug/L	<0.34	1.0	03/25/24 17:25	
1,1-Dichloroethane	ug/L	<0.30	1.0	03/25/24 17:25	
1,1-Dichloroethene	ug/L	<0.58	1.0	03/25/24 17:25	
1,1-Dichloropropene	ug/L	<0.41	1.0	03/25/24 17:25	
1,2,3-Trichlorobenzene	ug/L	<1.0	5.0	03/25/24 17:25	
1,2,3-Trichloropropane	ug/L	<0.56	1.0	03/25/24 17:25	
1,2,4-Trichlorobenzene	ug/L	<0.95	5.0	03/25/24 17:25	
1,2,4-Trimethylbenzene	ug/L	<0.45	1.0	03/25/24 17:25	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	5.0	03/25/24 17:25	
1,2-Dibromoethane (EDB)	ug/L	<0.31	1.0	03/25/24 17:25	
1,2-Dichlorobenzene	ug/L	<0.33	1.0	03/25/24 17:25	
1,2-Dichloroethane	ug/L	<0.29	1.0	03/25/24 17:25	
1,2-Dichloropropane	ug/L	<0.45	1.0	03/25/24 17:25	
1,3,5-Trimethylbenzene	ug/L	<0.36	1.0	03/25/24 17:25	
1,3-Dichlorobenzene	ug/L	<0.35	1.0	03/25/24 17:25	
1,3-Dichloropropane	ug/L	<0.30	1.0	03/25/24 17:25	
1,4-Dichlorobenzene	ug/L	<0.89	1.0	03/25/24 17:25	
2,2-Dichloropropane	ug/L	<0.42	1.0	03/25/24 17:25	
2-Chlorotoluene	ug/L	<0.89	5.0	03/25/24 17:25	
4-Chlorotoluene	ug/L	<0.89	5.0	03/25/24 17:25	
Benzene	ug/L	<0.30	1.0	03/25/24 17:25	
Bromobenzene	ug/L	<0.36	1.0	03/25/24 17:25	
Bromochloromethane	ug/L	<0.36	1.0	03/25/24 17:25	
Bromodichloromethane	ug/L	<0.42	1.0	03/25/24 17:25	
Bromoform	ug/L	<0.43	1.0	03/25/24 17:25	
Bromomethane	ug/L	<1.2	5.0	03/25/24 17:25	
Carbon tetrachloride	ug/L	<0.37	1.0	03/25/24 17:25	
Chlorobenzene	ug/L	<0.86	1.0	03/25/24 17:25	
Chloroethane	ug/L	<1.4	5.0	03/25/24 17:25	
Chloroform	ug/L	<0.50	5.0	03/25/24 17:25	
Chloromethane	ug/L	<1.6	5.0	03/25/24 17:25	
cis-1,2-Dichloroethene	ug/L	<0.47	1.0	03/25/24 17:25	
cis-1,3-Dichloropropene	ug/L	<0.24	1.0	03/25/24 17:25	
Dibromochloromethane	ug/L	<2.6	5.0	03/25/24 17:25	
Dibromomethane	ug/L	<0.99	5.0	03/25/24 17:25	
Dichlorodifluoromethane	ug/L	<0.46	5.0	03/25/24 17:25	
Diisopropyl ether	ug/L	<1.1	5.0	03/25/24 17:25	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

METHOD BLANK: 2691725 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/L	<0.33	1.0	03/25/24 17:25	
Hexachloro-1,3-butadiene	ug/L	<2.7	5.0	03/25/24 17:25	
Isopropylbenzene (Cumene)	ug/L	<1.0	5.0	03/25/24 17:25	
m&p-Xylene	ug/L	<0.70	2.0	03/25/24 17:25	
Methyl-tert-butyl ether	ug/L	<1.1	5.0	03/25/24 17:25	
Methylene Chloride	ug/L	<0.32	5.0	03/25/24 17:25	
n-Butylbenzene	ug/L	<0.86	1.0	03/25/24 17:25	
n-Propylbenzene	ug/L	<0.35	1.0	03/25/24 17:25	
Naphthalene	ug/L	<1.9	5.0	03/25/24 17:25	
o-Xylene	ug/L	<0.35	1.0	03/25/24 17:25	
p-Isopropyltoluene	ug/L	<1.0	5.0	03/25/24 17:25	
sec-Butylbenzene	ug/L	<0.42	1.0	03/25/24 17:25	
Styrene	ug/L	<0.36	1.0	03/25/24 17:25	
tert-Butylbenzene	ug/L	<0.59	1.0	03/25/24 17:25	
Tetrachloroethene	ug/L	<0.41	1.0	03/25/24 17:25	
Toluene	ug/L	<0.29	1.0	03/25/24 17:25	
trans-1,2-Dichloroethene	ug/L	<0.53	1.0	03/25/24 17:25	
trans-1,3-Dichloropropene	ug/L	<0.27	1.0	03/25/24 17:25	
Trichloroethene	ug/L	<0.32	1.0	03/25/24 17:25	
Trichlorofluoromethane	ug/L	<0.42	1.0	03/25/24 17:25	
Vinyl chloride	ug/L	<0.17	1.0	03/25/24 17:25	
Xylene (Total)	ug/L	<1.0	3.0	03/25/24 17:25	
1,2-Dichlorobenzene-d4 (S)	%	99	70-130	03/25/24 17:25	
4-Bromofluorobenzene (S)	%	97	70-130	03/25/24 17:25	
Toluene-d8 (S)	%	95	70-130	03/25/24 17:25	

LABORATORY CONTROL SAMPLE: 2691726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/L	50	55.6	111	70-132	
1,1,2,2-Tetrachloroethane	ug/L	50	46.0	92	70-130	
1,1,2-Trichloroethane	ug/L	50	51.5	103	70-130	
1,1-Dichloroethane	ug/L	50	54.2	108	70-130	
1,1-Dichloroethene	ug/L	50	57.2	114	73-140	
1,2,4-Trichlorobenzene	ug/L	50	40.0	80	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	39.9	80	58-130	
1,2-Dibromoethane (EDB)	ug/L	50	53.4	107	70-130	
1,2-Dichlorobenzene	ug/L	50	41.7	83	70-130	
1,2-Dichloroethane	ug/L	50	53.8	108	70-130	
1,2-Dichloropropane	ug/L	50	54.9	110	77-127	
1,3-Dichlorobenzene	ug/L	50	44.2	88	70-130	
1,4-Dichlorobenzene	ug/L	50	44.4	89	70-130	
Benzene	ug/L	50	56.4	113	70-130	
Bromodichloromethane	ug/L	50	57.8	116	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2691726

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/L	50	48.7	97	70-130	
Bromomethane	ug/L	50	57.7	115	22-141	
Carbon tetrachloride	ug/L	50	57.6	115	70-135	
Chlorobenzene	ug/L	50	50.2	100	70-130	
Chloroethane	ug/L	50	55.4	111	59-141	
Chloroform	ug/L	50	61.0	122	80-124	
Chloromethane	ug/L	50	56.0	112	29-150	
cis-1,2-Dichloroethene	ug/L	50	56.6	113	70-130	
cis-1,3-Dichloropropene	ug/L	50	57.1	114	70-130	
Dibromochloromethane	ug/L	50	48.6	97	70-130	
Dichlorodifluoromethane	ug/L	50	62.2	124	10-147	
Ethylbenzene	ug/L	50	47.7	95	80-125	
Isopropylbenzene (Cumene)	ug/L	50	42.3	85	70-130	
m&p-Xylene	ug/L	100	95.5	95	70-130	
Methyl-tert-butyl ether	ug/L	50	53.8	108	64-131	
Methylene Chloride	ug/L	50	62.7	125	70-137	
o-Xylene	ug/L	50	46.6	93	70-130	
Styrene	ug/L	50	49.0	98	70-130	
Tetrachloroethene	ug/L	50	50.0	100	70-130	
Toluene	ug/L	50	48.4	97	80-120	
trans-1,2-Dichloroethene	ug/L	50	55.1	110	70-131	
trans-1,3-Dichloropropene	ug/L	50	45.9	92	70-130	
Trichloroethene	ug/L	50	57.9	116	70-130	
Trichlorofluoromethane	ug/L	50	59.0	118	69-141	
Vinyl chloride	ug/L	50	55.0	110	51-145	
Xylene (Total)	ug/L	150	142	95	70-130	
1,2-Dichlorobenzene-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			96	70-130	
Toluene-d8 (S)	%			95	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692334 2692335

Parameter	Units	40275698001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/L	<0.30	50	50	54.8	55.4	110	111	70-132	1	20	
1,1,2,2-Tetrachloroethane	ug/L	<0.38	50	50	45.9	47.2	92	94	70-131	3	20	
1,1,2-Trichloroethane	ug/L	<0.34	50	50	50.5	52.2	101	104	70-130	3	20	
1,1-Dichloroethane	ug/L	<0.30	50	50	54.0	54.9	108	110	70-131	2	20	
1,1-Dichloroethene	ug/L	<0.58	50	50	55.1	57.9	110	116	69-146	5	20	
1,2,4-Trichlorobenzene	ug/L	<0.95	50	50	40.4	39.2	81	78	70-130	3	20	
1,2-Dibromo-3-chloropropane	ug/L	<2.4	50	50	41.4	40.9	83	82	56-130	1	20	
1,2-Dibromoethane (EDB)	ug/L	<0.31	50	50	51.2	53.0	102	106	70-130	3	20	
1,2-Dichlorobenzene	ug/L	<0.33	50	50	41.7	41.9	83	84	70-130	1	20	
1,2-Dichloroethane	ug/L	<0.29	50	50	52.9	54.8	106	110	70-130	3	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692334 2692335

Parameter	Units	40275698001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/L	<0.45	50	50	55.2	56.3	110	113	77-129	2	20	
1,3-Dichlorobenzene	ug/L	<0.35	50	50	44.8	44.8	90	90	70-130	0	20	
1,4-Dichlorobenzene	ug/L	<0.89	50	50	44.6	44.5	89	89	70-130	0	20	
Benzene	ug/L	<0.30	50	50	55.9	56.2	112	112	70-130	1	20	
Bromodichloromethane	ug/L	<0.42	50	50	57.2	57.7	114	115	70-130	1	20	
Bromoform	ug/L	<0.43	50	50	47.3	49.5	95	99	70-130	5	20	
Bromomethane	ug/L	<1.2	50	50	61.2	63.0	122	126	12-159	3	26	
Carbon tetrachloride	ug/L	<0.37	50	50	56.7	57.8	113	116	70-135	2	20	
Chlorobenzene	ug/L	<0.86	50	50	48.9	50.2	98	100	70-130	3	20	
Chloroethane	ug/L	<1.4	50	50	57.4	58.9	115	118	56-143	3	20	
Chloroform	ug/L	<0.50	50	50	60.3	61.4	121	123	80-126	2	20	
Chloromethane	ug/L	<1.6	50	50	59.2	58.7	118	117	22-156	1	20	
cis-1,2-Dichloroethene	ug/L	<0.47	50	50	57.3	57.7	115	115	70-130	1	20	
cis-1,3-Dichloropropene	ug/L	<0.24	50	50	54.3	57.0	109	114	70-130	5	20	
Dibromochloromethane	ug/L	<2.6	50	50	46.7	48.3	93	97	70-130	3	20	
Dichlorodifluoromethane	ug/L	<0.46	50	50	67.5	68.3	135	137	10-147	1	20	
Ethylbenzene	ug/L	<0.33	50	50	46.4	47.4	93	95	80-126	2	20	
Isopropylbenzene (Cumene)	ug/L	<1.0	50	50	41.9	41.9	84	84	70-130	0	20	
m&p-Xylene	ug/L	<0.70	100	100	94.9	95.2	95	95	70-130	0	20	
Methyl-tert-butyl ether	ug/L	<1.1	50	50	54.0	54.8	108	110	64-136	2	20	
Methylene Chloride	ug/L	<0.32	50	50	62.3	64.7	125	129	70-137	4	20	
o-Xylene	ug/L	<0.35	50	50	46.2	47.2	92	94	70-130	2	20	
Styrene	ug/L	<0.36	50	50	48.6	48.8	97	98	70-133	0	20	
Tetrachloroethene	ug/L	<0.41	50	50	50.1	50.6	100	101	70-131	1	20	
Toluene	ug/L	<0.29	50	50	46.9	48.2	94	96	80-121	3	20	
trans-1,2-Dichloroethene	ug/L	<0.53	50	50	55.4	55.6	111	111	70-135	0	20	
trans-1,3-Dichloropropene	ug/L	<0.27	50	50	43.6	46.1	87	92	70-130	6	20	
Trichloroethene	ug/L	<0.32	50	50	57.1	59.0	114	118	70-130	3	20	
Trichlorofluoromethane	ug/L	<0.42	50	50	58.2	59.8	116	120	67-142	3	20	
Vinyl chloride	ug/L	<0.17	50	50	57.8	58.1	116	116	45-147	0	20	
Xylene (Total)	ug/L	<1.0	150	150	141	142	94	95	70-130	1	20	
1,2-Dichlorobenzene-d4 (S)	%						99	97	70-130			
4-Bromofluorobenzene (S)	%						99	95	70-130			
Toluene-d8 (S)	%						95	96	70-130			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469873
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2691906 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	03/22/24 19:26	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	03/22/24 19:26	
Decachlorobiphenyl (S)	%	91	34-120	03/22/24 19:26	
Tetrachloro-m-xylene (S)	%	90	44-120	03/22/24 19:26	

LABORATORY CONTROL SAMPLE: 2691907

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	386	77	69-120	
Decachlorobiphenyl (S)	%			76	34-120	
Tetrachloro-m-xylene (S)	%			76	44-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2691908 2691909

Parameter	Units	40275735009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1221 (Aroclor 1221)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1232 (Aroclor 1232)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1242 (Aroclor 1242)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1248 (Aroclor 1248)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1254 (Aroclor 1254)	ug/kg	<16.1			<16.0	<16.1					20	
PCB-1260 (Aroclor 1260)	ug/kg	<16.1	527	528	495	490	94	93	51-120	1	20	
Decachlorobiphenyl (S)	%						91	90	34-120			
Tetrachloro-m-xylene (S)	%						92	90	44-120			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469977
QC Batch Method: EPA 3510
Analysis Method: EPA 8082A
Analysis Description: 8082A GCS PCB Low Volume
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2692692 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1221 (Aroclor 1221)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1232 (Aroclor 1232)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1242 (Aroclor 1242)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1248 (Aroclor 1248)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1254 (Aroclor 1254)	ug/L	<0.11	0.50	03/26/24 12:02	
PCB-1260 (Aroclor 1260)	ug/L	<0.11	0.50	03/26/24 12:02	
Decachlorobiphenyl (S)	%	87	10-132	03/26/24 12:02	
Tetrachloro-m-xylene (S)	%	65	41-120	03/26/24 12:02	

LABORATORY CONTROL SAMPLE & LCSD: 2692693 2692694

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
PCB-1016 (Aroclor 1016)	ug/L		<0.11	<0.11					20	
PCB-1221 (Aroclor 1221)	ug/L		<0.11	<0.11					20	
PCB-1232 (Aroclor 1232)	ug/L		<0.11	<0.11					20	
PCB-1242 (Aroclor 1242)	ug/L		<0.11	<0.11					20	
PCB-1248 (Aroclor 1248)	ug/L		<0.11	<0.11					20	
PCB-1254 (Aroclor 1254)	ug/L		<0.11	<0.11					20	
PCB-1260 (Aroclor 1260)	ug/L	5	4.7	5.1	95	102	70-120	7	20	
Decachlorobiphenyl (S)	%				92	102	10-132			
Tetrachloro-m-xylene (S)	%				71	79	41-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469953
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781001

METHOD BLANK: 2692605 Matrix: Solid
Associated Lab Samples: 40275781001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	03/25/24 10:11	
2-Methylnaphthalene	ug/kg	<2.4	16.7	03/25/24 10:11	
Acenaphthene	ug/kg	<2.2	16.7	03/25/24 10:11	
Acenaphthylene	ug/kg	<2.1	16.7	03/25/24 10:11	
Anthracene	ug/kg	<2.1	16.7	03/25/24 10:11	
Benzo(a)anthracene	ug/kg	<2.2	16.7	03/25/24 10:11	
Benzo(a)pyrene	ug/kg	<1.9	16.7	03/25/24 10:11	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	03/25/24 10:11	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	03/25/24 10:11	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	03/25/24 10:11	
Chrysene	ug/kg	<3.1	16.7	03/25/24 10:11	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	03/25/24 10:11	
Fluoranthene	ug/kg	<2.0	16.7	03/25/24 10:11	
Fluorene	ug/kg	<2.0	16.7	03/25/24 10:11	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	03/25/24 10:11	
Naphthalene	ug/kg	<1.6	16.7	03/25/24 10:11	
Phenanthrene	ug/kg	<1.9	16.7	03/25/24 10:11	
Pyrene	ug/kg	<2.5	16.7	03/25/24 10:11	
2-Fluorobiphenyl (S)	%	73	39-120	03/25/24 10:11	
Terphenyl-d14 (S)	%	89	36-120	03/25/24 10:11	

LABORATORY CONTROL SAMPLE: 2692606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	238	71	62-120	
2-Methylnaphthalene	ug/kg	333	237	71	61-120	
Acenaphthene	ug/kg	333	249	75	66-120	
Acenaphthylene	ug/kg	333	249	75	63-120	
Anthracene	ug/kg	333	264	79	72-120	
Benzo(a)anthracene	ug/kg	333	272	82	64-120	
Benzo(a)pyrene	ug/kg	333	285	86	76-120	
Benzo(b)fluoranthene	ug/kg	333	304	91	62-120	
Benzo(g,h,i)perylene	ug/kg	333	307	92	73-120	
Benzo(k)fluoranthene	ug/kg	333	294	88	69-120	
Chrysene	ug/kg	333	259	78	70-120	
Dibenz(a,h)anthracene	ug/kg	333	289	87	72-120	
Fluoranthene	ug/kg	333	253	76	71-120	
Fluorene	ug/kg	333	249	75	68-120	
Indeno(1,2,3-cd)pyrene	ug/kg	333	293	88	72-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2692606

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	333	237	71	60-120	
Phenanthrene	ug/kg	333	277	83	66-120	
Pyrene	ug/kg	333	252	76	65-120	
2-Fluorobiphenyl (S)	%			75	39-120	
Terphenyl-d14 (S)	%			81	36-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2692607 2692608

Parameter	Units	40275485001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<2.8	387	387	240	281	62	73	50-120	16	34	
2-Methylnaphthalene	ug/kg	<2.8	387	387	240	277	62	71	48-120	14	29	
Acenaphthene	ug/kg	<2.5	387	387	266	303	69	78	51-120	13	26	
Acenaphthylene	ug/kg	<2.4	387	387	264	300	68	77	49-120	13	22	
Anthracene	ug/kg	<2.4	387	387	279	311	72	80	52-120	11	25	
Benzo(a)anthracene	ug/kg	<2.5	387	387	263	302	68	78	47-120	14	37	
Benzo(a)pyrene	ug/kg	<2.2	387	387	279	319	72	82	53-120	13	33	
Benzo(b)fluoranthene	ug/kg	<2.7	387	387	295	331	76	85	43-120	12	43	
Benzo(g,h,i)perylene	ug/kg	<3.4	387	387	307	334	79	86	38-120	9	36	
Benzo(k)fluoranthene	ug/kg	<2.5	387	387	283	328	73	85	49-120	14	30	
Chrysene	ug/kg	<3.7	387	387	256	282	66	73	45-120	10	28	
Dibenz(a,h)anthracene	ug/kg	<2.7	387	387	291	310	75	80	41-120	6	33	
Fluoranthene	ug/kg	<2.3	387	387	289	329	75	85	50-120	13	43	
Fluorene	ug/kg	<2.3	387	387	273	321	70	83	47-120	16	27	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.0	387	387	291	312	75	81	35-120	7	33	
Naphthalene	ug/kg	<1.9	387	387	247	289	64	75	42-120	16	26	
Phenanthrene	ug/kg	<2.2	387	387	272	311	70	80	45-120	13	24	
Pyrene	ug/kg	<2.8	387	387	249	287	64	74	42-120	14	41	
2-Fluorobiphenyl (S)	%						68	71	39-120			
Terphenyl-d14 (S)	%						69	73	36-120			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469850
QC Batch Method: EPA 3510
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E Water PAH
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40275781002

METHOD BLANK: 2691713 Matrix: Water
Associated Lab Samples: 40275781002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.018	0.050	03/25/24 14:44	
2-Methylnaphthalene	ug/L	<0.014	0.050	03/25/24 14:44	
Acenaphthene	ug/L	<0.014	0.050	03/25/24 14:44	
Acenaphthylene	ug/L	<0.013	0.050	03/25/24 14:44	
Anthracene	ug/L	<0.018	0.050	03/25/24 14:44	
Benzo(a)anthracene	ug/L	<0.014	0.050	03/25/24 14:44	
Benzo(a)pyrene	ug/L	<0.013	0.050	03/25/24 14:44	
Benzo(b)fluoranthene	ug/L	<0.0091	0.050	03/25/24 14:44	
Benzo(g,h,i)perylene	ug/L	<0.023	0.050	03/25/24 14:44	
Benzo(k)fluoranthene	ug/L	<0.022	0.050	03/25/24 14:44	
Chrysene	ug/L	<0.013	0.050	03/25/24 14:44	
Dibenz(a,h)anthracene	ug/L	<0.018	0.050	03/25/24 14:44	
Fluoranthene	ug/L	<0.026	0.050	03/25/24 14:44	
Fluorene	ug/L	<0.024	0.050	03/25/24 14:44	
Indeno(1,2,3-cd)pyrene	ug/L	<0.016	0.050	03/25/24 14:44	
Naphthalene	ug/L	<0.020	0.050	03/25/24 14:44	
Phenanthrene	ug/L	<0.026	0.050	03/25/24 14:44	
Pyrene	ug/L	<0.023	0.050	03/25/24 14:44	
2-Fluorobiphenyl (S)	%	57	38-120	03/25/24 14:44	
Terphenyl-d14 (S)	%	73	47-121	03/25/24 14:44	

LABORATORY CONTROL SAMPLE: 2691714

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	2	1.3	66	57-120	
2-Methylnaphthalene	ug/L	2	1.3	64	55-120	
Acenaphthene	ug/L	2	1.4	72	60-120	
Acenaphthylene	ug/L	2	1.5	73	58-120	
Anthracene	ug/L	2	1.6	81	58-120	
Benzo(a)anthracene	ug/L	2	1.6	82	51-120	
Benzo(a)pyrene	ug/L	2	1.6	80	59-120	
Benzo(b)fluoranthene	ug/L	2	1.6	79	52-120	
Benzo(g,h,i)perylene	ug/L	2	1.7	87	62-120	
Benzo(k)fluoranthene	ug/L	2	1.6	81	59-120	
Chrysene	ug/L	2	1.6	80	55-125	
Dibenz(a,h)anthracene	ug/L	2	1.7	87	60-120	
Fluoranthene	ug/L	2	1.5	76	62-120	
Fluorene	ug/L	2	1.4	71	61-120	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.8	90	62-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

LABORATORY CONTROL SAMPLE: 2691714

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/L	2	1.6	80	55-120	
Phenanthrene	ug/L	2	1.6	80	55-120	
Pyrene	ug/L	2	1.8	89	53-120	
2-Fluorobiphenyl (S)	%			60	38-120	
Terphenyl-d14 (S)	%			76	47-121	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

QC Batch: 469793
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Laboratory: Pace Analytical Services - Green Bay

Associated Lab Samples: 40275781001

SAMPLE DUPLICATE: 2691491

Parameter	Units	40275779001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.6	6.6	0	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - The reported result is an estimated value.

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

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

DL - Adjusted Method Detection Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Analyte was not detected and is reported as less than the LOD or as defined by the customer.

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

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: 470005

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

1q	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from analysis of MS that demonstrated similar interference).
2q	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from analysis of MSD that demonstrated similar interference).
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383 BECHER ST
Pace Project No.: 40275781

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40275781001	**C1 PIT SOIL**	EPA 3541	469873	EPA 8082A	469919
40275781002	**C1 PIT GW**	EPA 3510	469977	EPA 8082A	470005
40275781001	**C1 PIT SOIL**	EPA 3050B	469840	EPA 6010D	469911
40275781002	**C1 PIT GW**	EPA 3010A	469835	EPA 6020B	469909
40275781002	**C1 PIT GW**	EPA 7470	469871	EPA 7470	469905
40275781001	**C1 PIT SOIL**	EPA 7471	470003	EPA 7471	470125
40275781001	**C1 PIT SOIL**	EPA 3546	469953	EPA 8270E by SIM	470004
40275781002	**C1 PIT GW**	EPA 3510	469850	EPA 8270E by SIM	469882
40275781001	**C1 PIT SOIL**	EPA 5035/5030B	469858	EPA 8260	469864
40275781002	**C1 PIT GW**	EPA 8260	469851		
40275781001	**C1 PIT SOIL**	ASTM D2974-87	469793		

Pace Analytical™
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CHAIN-OF-CUSTODY / Analytical Request Document

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

40275781

Page: 1 of 1

Section A Required Client Information

Company	~~OBrien & Gere~~ Ramboll
Address	234 W. Florida St
	Milwaukee, WI
Email To	~~GDSdata@OBG.com~~ Ric Maz
Phone	~~414-336-3563~~ Fax
Requested Due Date/TAT:	~~Standard~~ RUSH

Section B Required Project Information

Report To	~~GDSdata@OBG.com~~
Copy To	~~Staci Goetz~~
	rmazurkiewicz@ramboll.com
Purchase Order No	
Project Name	~~Green Bay Former MGP~~ Bicher St
Project Number	~~60712/232~~ 1690023383

Section C Invoice Information

Attention	~~Accounts Payable~~ Ric Maz Ramboll
Company Name	~~WEC Business Services, LLC~~
Address	~~PO Box 19800, Green Bay, WI 54307~~
Pace Quote Reference	
Pace Project Manager	Steve Mieczko
Pace Profile #	

REGULATORY AGENCY

☐ NPDES ☑ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER

Site Location STATE: WI

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	~~BTEX, TMBs (8260)~~	VOCs (8260)	PCBs	PAHs (8270)	Metals (6020/7470)* RCRA	~~Nitrate (300.0)~~	~~Sulfate (300.0)~~	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
				DATE	TIME	DATE	TIME												N	N	N	N	Y	N	N		
1	C1 Pit Soil	SL	G	3/		3/20	10:00		4	X						X				X	X	X	X				001
2	C1 Pit GW	WT	G			3/20	10:00		6	2		1	3							X	X	X	X				Dissolved 002
3																												
4																												
5																												
6																												
7																												
8																												
9																												
10																												
11																												
12																												

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
~~EPA Level 3~~	Steven Kikfert/Ramboll	3/20	2:60pm							
~~Metals: As, Ba, Cd, Cr, Pb, Hg, Se, Ag, Be, Mn~~	CS Logistics	3/21/24	0900	Pace	3/21/24	0900	0.0	Y	N	Y
~~**1,2,4-Trimethylbenzene (8260)~~										
~~**1,3,5-Trimethylbenzene (8260)~~										

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Steven Kikfert

SIGNATURE of SAMPLER: Steven Kikfert DATE Signed (MM/DD/YY): 03/20/24

*Important Note By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days

Sample Preservation Receipt Form

Client Name: RamboU Project # 40275781

All containers needing preservation have been checked and noted below ☑Yes ☐No ☐N/A Initial when completed: SG Date/Time:

Lab Lot# of pH paper: 10150134 Lab Std #ID of preservation (if pH adjusted):

Pace Lab #	Glass: AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	Plastic: BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	Vials: VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	Jars: JGFU	JG9U	WGFU	WPFU	General: SP5T	ZPLC	GN 1	GN 2	VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
001																		1				3													2.5 / 5
002	1										1						3									1							X		2.5 / 5
003																																			2.5 / 5
004																																			2.5 / 5
005																																			2.5 / 5
006																																			2.5 / 5
007																																			2.5 / 5
008																																			2.5 / 5
009																																			2.5 / 5
010																																			2.5 / 5
011																																			2.5 / 5
012																																			2.5 / 5
013																																			2.5 / 5
014																																			2.5 / 5
015																																			2.5 / 5
016																																			2.5 / 5
017																																			2.5 / 5
018																																			2.5 / 5
019																																			2.5 / 5
020					2																														2.5 / 5

3/21/24 SG

Exceptions to preservation check: VOA, Coliform, TOC, TOX, TOH, O&G, WI DRO, Phenolics, Other

Headspace in VOA Vials (>6mm): ☐Yes ☑No ☐N/A ***If yes look in headspace column**

AG1U	1 liter amber glass	BP1U	1 liter plastic unpres	VG9C	40 mL clear ascorbic w/ HCl	JGFU	4 oz amber jar unpres
BG1U	1 liter clear glass	BP3U	250 mL plastic unpres	DG9T	40 mL amber Na Thio	JG9U	9 oz amber jar unpres
AG1H	1 liter amber glass HCL	BP3B	250 mL plastic NaOH	VG9U	40 mL clear vial unpres	WGFU	4 oz clear jar unpres
AG4S	125 mL amber glass H2SO4	BP3N	250 mL plastic HNO3	VG9H	40 mL clear vial HCL	WPFU	4 oz plastic jar unpres
AG5U	100 mL amber glass unpres	BP3S	250 mL plastic H2SO4	VG9M	40 mL clear vial MeOH	SP5T	120 mL plastic Na Thiosulfate
AG2S	500 mL amber glass H2SO4	BP2Z	500 mL plastic NaOH + Zn	VG9D	40 mL clear vial DI	ZPLC	ziploc bag
BG3U	250 mL clear glass unpres					GN 1	250mL amber glass unpres
						GN 2	

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Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40275781

40275781

Client Name: Ramboll

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

Tracking #: _____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

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

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other _____

Thermometer Used SR-139 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr. 0.0 /Corr 0.0

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

Temp should be above freezing to 6°C.
Biota Samples may be received at ≤ 0°C if shipped on Dry Ice.

Person examining contents:
Date: 3/21/24 Initials: SC

Labeled By Initials: MJR

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

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

PM Review is documented electronically in LIMs. By releasing the project, the PM acknowledges they have reviewed the sample logi

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