ENVIRONMENT
& HEALTH

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

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SOIL RESULTS
BETA-BECHER ACQUISITION CO, LLC HISTORIC FILL SITE
147 EAST BECHER STREET ("site")
MILWAUKEE, WISCONSIN
BRRTS 02-41-589088

April 14, 2023

Dear Ms. Pfeiffer:

Ramboll received the soil analytical results from the sampling of 13 borings that was completed on March 29, 2023. This transmittal is in accordance with the sample results notification required under Wisconsin Administrative Code Chapter NR 716.14(2). The laboratory analytical results are summarized in **Table 1**, the boring locations are 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 506 report.

Please let us know if you have any questions or if you would like us to upload a copy of this submittal to the WDNR document portal.

Yours sincerely,

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Ref. 1690023383

c: Nick Orthmann, Bear Development, LLC

Attachments:

Table 1 – VOCs in Soil
Figure 1 – Distribution of VOC Exceedances In Soil
Attachment A – Laboratory Analytical Report

Table

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

reported sample results

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
DB-1 (1-3)	3/29/2023	0.0	Fill-Sand	<15.7	18.5 J	40.9 J	171 J	90.0 J	--	--	--	--	--	--	--	--	--
DB-1 (3-5)	3/29/2023	0.0	Fill-Sand	<19.9	<19.9	21.4 J	<60.5	37.1 J	--	--	--	--	--	--	--	--	--
DB-2 (1-3)	3/29/2023	0.6	Fill-Sand	<16.6	<16.6	32.5 J	124 J	64.5 J	--	--	--	--	--	--	--	--	--
DB-2 (3-5)	3/29/2023	1.0	Fill-Sand	<14.9	<14.9	23.4 J	<45.2	33.7 J	--	--	--	--	--	--	--	--	--
DB-3 (1-3)	3/29/2023	0.0	Fill-Sand	<21.7	<21.7	<23.0	<65.8	<28.4	--	--	--	--	--	--	--	--	--
DB-3 (3-5)	3/29/2023	0.8	Fill-Sand	<16.5	<16.5	28.1J	<50.1	<21.6	--	--	--	--	--	--	--	--	--
DB-4 (1-3)	3/29/2023	0.2	Fill-Sand	<14.4	<14.4	<15.2	<43.6	27.0J	--	--	--	--	--	--	--	--	--
DB-4 (3-5)	3/29/2023	0.0	Fill-Sand	<17.1	<17.1	<18.1	<51.8	<22.4	--	--	--	--	--	--	--	--	--
DB-5 (1-3)	3/29/2023	0.0	Fill-Sand	<14.2	<14.2	16.2 J	<43.0	28.7 J	--	--	--	--	--	--	--	--	--
DB-5 (3-5)	3/29/2023	0.1	Fill-Sand	<16.1	<16.1	<17.0	<48.7	<21.0	--	--	--	--	--	--	--	--	--
DB-6 (1-3)	3/29/2023	0.0	Fill-Sand	<16.3	<16.3	20.2 J	<49.5	22.4 J	--	--	--	--	--	--	--	--	--
DB-6 (3-5)	3/29/2023	0.0	Fill-Sand	<17.5	<17.5	<18.6	<53.2	<23.0	--	--	--	--	--	--	--	--	--
DB-7 (1-3)	3/29/2023	0.0	Fill-Sand	<15.8	24.6 J	54.0 J	124 J	130 J	--	--	--	--	--	--	--	--	--
DB-7 (3-5)	3/29/2023	0.5	Fill-Sand	<15.6	<15.6	<16.5	<47.3	<20.5	--	--	--	--	--	--	--	--	--
DB-8 (1-3)	3/29/2023	1.0	Fill-Sand	<20.9	<20.9	<22.1	<63.3	<27.4	--	--	--	--	--	--	--	--	--
DB-8 (3-5)	3/29/2023	0.1	Fill-Sand	<17.1	<17.1	<18.1	<51.9	<22.4	--	--	--	--	--	--	--	--	--
DB-9 (1-3)	3/29/2023	1.5	Fill-Sand	<16.6	22.5 J	60.4 J	221	147 J	--	--	--	--	--	--	--	--	--
DB-9 (3-5)	3/29/2023	16.0	Fill-Sand	<17.8	<17.8	<18.9	<54.0	<23.3	--	--	--	--	--	--	--	--	--
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	--	--	--	--	--	--	--	--	--
DB-10 (3-5)	3/29/2023	5.8	Fill-Sand	<17.9	<17.9	<19.0	109 J	94.0 J	--	--	--	--	--	--	--	--	--
DB-13 (1-3)	3/29/2023	0.0	Fill-Sand	<15.7	<15.7	50.3 J	96.3 J	62.5 J	--	--	--	--	--	--	--	--	--
DB-13 (3-5)	3/29/2023	0.0	Fill-Sand	<15.9	<15.9	<16.8	<48.2	<20.8	--	--	--	--	--	--	--	--	--
DB-14 (1-3)	3/29/2023	0.0	Fill-Sand	<14.0	<14.0	<14.8	<42.5	<18.4	--	--	--	--	--	--	--	--	--
DB-14 (3-5)	3/29/2023	0.0	Fill-Sand	<15.3	<15.3	<16.2	<46.4	<20.0	--	--	--	--	--	--	--	--	--
DB-15 (1-3)	3/29/2023	0.4	Fill-Sand	<15.1	<15.1	30.9 J	70.3 J	32.0 J	--	--	--	--	--	--	--	--	--
DB-15 (3-5)	3/29/2023	0.5	Fill-Sand	<13.4	<13.4	<14.2	<40.5	<17.5	--	--	--	--	--	--	--	--	--
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**

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.
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).
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).
-- = parameter not analyzed.

Figure

LEGEND:

- SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- TO BE DEMOLISHED
- TW-1 — BORING AND TEMPORARY MONITORING WELL LOCATION
- MW-1 — NR 141 GROUNDWATER MONITORING WELL
- B-1 — SOIL BORING LOCATION
- ESTIMATED EXTENT OF BENZENE (ORANGE) AND NAPHTHALENE (GREEN) IN SOIL ABOVE THE GROUNDWATER PROTECTION RCLs. UNITS IN MICROGRAMS PER KILOGRAM [µg/kg]). DASHED WHERE INFERRED. CONSERVATIVELY ILLUSTRATED TO SHOW IMPACTS TO THE SITE BOUNDARY AND FROM BORING TO BORING WITH ANALYTE CONCENTRATIONS BELOW THE APPLICABLE STANDARDS.
- 1 — CONCRETE TEST PIT LOCATION

Residual Contaminant Levels (micrograms per kilogram)		Benzene	Naphthalene
Direct Contact [1]	Non-Industrial [a]	1,600	5,520
	Industrial [b]	7,070	24,100
Groundwater Pathway [c]		5.1	658

Soil volatile organic compound concentrations are reported in micrograms per kilogram.

Bold value = NR 720 RCL Exceedance.

1 - Direct Contact, defined as soils existing between 0 and 4 feet below ground surface.

J = Laboratory flag indicating that the result reported is between the Method Detection Limit and Limit of Quantitation (an uncertain or estimated result).

bgs = feet below grade.

TW-5	1-2' bgs 9/20/21	12-13' bgs 9/20/21
VOCs (µg/kg)		
benzene	<13.6	<14.6
naphthalene	98.2 J	<19.1

TW-10	1-2' bgs 9/21/21	4-5' bgs 9/21/21
VOCs (µg/kg)		
benzene	<14.7	<14.6
naphthalene	<19.3	<19.2

DB-14	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<14.0	<15.3
naphthalene	<18.4	<20.0

TW-11	1-2' bgs 9/21/21	5-6' bgs 9/21/21
VOCs (µg/kg)		
benzene	**28.4**[c]	<16.8
naphthalene	234 J	<22.0

DB-15	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<15.1	<13.4
naphthalene	32.0J	<17.5

TW-11	1-2' bgs 9/21/21	5-6' bgs 9/21/21
VOCs (µg/kg)		
benzene	**28.4**[c]	<16.8
naphthalene	234 J	<22.0

TW-4	1-2' bgs 9/20/21	4-5' bgs 9/20/21
VOCs (µg/kg)		
benzene	<13.4	<15.1
naphthalene	93.1 J	<19.8

DB-13	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<15.7	<15.9
naphthalene	62.5J	<20.8

TW-12	1-2' bgs 9/21/21	4-5' bgs 9/21/21
VOCs (µg/kg)		
benzene	<15.1	<13.7
naphthalene	33.0 J	<18.0

TP-2	1' bgs 9/24/21
VOCs (µg/kg)	
benzene	<14.4
naphthalene	32.3 J

TP-3	1' bgs 9/24/21
VOCs (µg/kg)	
benzene	<14.5
naphthalene	63.5 J

TW-3	1-2' bgs 9/20/21	5-6' bgs 9/20/21
VOCs (µg/kg)		
benzene	<13.5	<13.8
naphthalene	47.6 J	52.3 J

DB-9	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<16.6	<17.8
naphthalene	147J	<23.3

TP-4	1' bgs 9/24/21
VOCs (µg/kg)	
benzene	<15.7
naphthalene	85.4 J

TP-1	1' bgs 9/24/21
VOCs (µg/kg)	
benzene	<16.0
naphthalene	221 J

TW-13	1-2' bgs 9/21/21	5-6' bgs 9/21/21
VOCs (µg/kg)		
benzene	<15.2	<16.2
naphthalene	107 J	<21.2

TW-2	1-2' bgs 9/20/21	5-6' bgs 9/20/21
VOCs (µg/kg)		
benzene	<12.6	<13.9
naphthalene	76.9 J	<18.2

TW-14	2-3' bgs 1/25/22	4-5' bgs 1/25/22
VOCs (µg/kg)		
benzene	**45.1**[c]	<15.3
naphthalene	229 J	20.1 J

DB-6	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<16.3	<17.5
naphthalene	22.4J	<23.0

DB-10	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	20.7J[c]	<17.9
naphthalene	37.5J	94.0J

TW-1	1-2' bgs 9/20/21	6-7' bgs 9/20/21	13-14' bgs 9/20/21
VOCs (µg/kg)			
benzene	<12.9	<12.9	<16.6
naphthalene	54.3 J	65.6 J	<20.5

DB-8	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<20.9	<17.1
naphthalene	<27.4	<22.4

TW-7	1-2' bgs 9/20/21	4-5' bgs 9/20/21
VOCs (µg/kg)		
benzene	**19.8 J**[c]	<15.8
naphthalene	132 J	<20.7

DB-5	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<14.2	<16.1
naphthalene	28.7J	<21.0

DB-7	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<15.8	<15.6
naphthalene	130J	<20.5

DB-2	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<16.6	<14.9
naphthalene	90.0J	33.7J

TW-6	2-3' bgs 9/20/21	4-5' bgs 9/20/21	11-12' bgs 9/20/21
VOCs (µg/kg)			
benzene	<14.7	<17.6	<20.8
naphthalene	373	75.4 J	<27.2

DB-1	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<15.7	<19.9
naphthalene	90.0J	37.1J

TW-8	2-3' bgs 9/20/21	4-5' bgs 9/20/21	14-15' bgs 9/20/21
VOCs (µg/kg)			
benzene	<14.2	<12.9	<21.3
naphthalene	**1,230**[c]	29.2 J	<28.0

TW-11	1-2' bgs 9/21/21	5-6' bgs 9/21/21
VOCs (µg/kg)		
benzene	**28.4**[c]	<16.8
naphthalene	234 J	<22.0

B-3	1-3' bgs 11/22/21
VOCs (µg/kg)	
benzene	<14.9
naphthalene	75.6 J

B-1	1-3' bgs 11/22/21
VOCs (µg/kg)	
benzene	<14.1
naphthalene	73.3 J

B-2	1-3' bgs 11/22/21
VOCs (µg/kg)	
benzene	<11.9
naphthalene	<15.6

DB-3	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<21.7	<16.5
naphthalene	<28.4	<21.6

MW-5	2-4' bgs 11/22/21
VOCs (µg/kg)	
benzene	<15.1
naphthalene	40.2 J

DB-4	1-3' bgs 3/29/23	3-5' bgs 3/29/23
VOCs (µg/kg)		
benzene	<14.4	<16.5
naphthalene	27.0J	<21.6

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

E Becher St
S Robinson Avenue
Railroad
E Ward Street
W Lincoln Avenue
Kinnickinnic River
combined storm and sanitary
0 120
SCALE IN FEET

DISTRIBUTION OF VOC EXCEEDANCES IN SOIL
(micrograms per kilogram (µg/kg))

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

RAMBOLL

FIGURE 1

DRAFTED BY: RPM | DATE: 04/11/2023 | PROJECT: 1690023383

Attachment A

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

April 11, 2023

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

RE: Project: 1690023383
Pace Project No.: 40260032

Dear Richard Mazurkiewicz:

Enclosed are the analytical results for sample(s) received by the laboratory on March 30, 2023. 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
Pace Project No.: 40260032

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

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

SAMPLE SUMMARY

Project: 1690023383
Pace Project No.: 40260032

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40260032001	DB-1 (1-3)	Solid	03/29/23 08:18	03/30/23 10:55
40260032002	DB-1 (3-5)	Solid	03/29/23 08:20	03/30/23 10:55
40260032003	DB-2 (1-3)	Solid	03/29/23 08:27	03/30/23 10:55
40260032004	DB-2 (3-5)	Solid	03/29/23 08:30	03/30/23 10:55
40260032005	DB-3 (1-3)	Solid	03/29/23 08:35	03/30/23 10:55
40260032006	DB-3 (3-5)	Solid	03/29/23 08:37	03/30/23 10:55
40260032007	DB-4 (1-3)	Solid	03/29/23 08:40	03/30/23 10:55
40260032008	DB-4 (3-5)	Solid	03/29/23 08:42	03/30/23 10:55
40260032009	DB-5 (1-3)	Solid	03/29/23 09:00	03/30/23 10:55
40260032010	DB-5 (3-5)	Solid	03/29/23 09:02	03/30/23 10:55
40260032011	DB-6 (1-3)	Solid	03/29/23 09:10	03/30/23 10:55
40260032012	DB-6 (3-5)	Solid	03/29/23 09:12	03/30/23 10:55
40260032013	DB-7 (1-3)	Solid	03/29/23 09:17	03/30/23 10:55
40260032014	DB-7 (3-5)	Solid	03/29/23 09:20	03/30/23 10:55
40260032015	DB-8 (1-3)	Solid	03/29/23 09:35	03/30/23 10:55
40260032016	DB-8 (3-5)	Solid	03/29/23 09:37	03/30/23 10:55
40260032017	DB-9 (1-3)	Solid	03/29/23 09:45	03/30/23 10:55
40260032018	DB-9 (3-5)	Solid	03/29/23 09:47	03/30/23 10:55
40260032019	DB-10 (1-3)	Solid	03/29/23 10:02	03/30/23 10:55
40260032020	DB-10 (3-5)	Solid	03/29/23 10:05	03/30/23 10:55
40260032025	DB-13 (1-3)	Solid	03/29/23 10:50	03/30/23 10:55
40260032026	DB-13 (3-5)	Solid	03/29/23 10:52	03/30/23 10:55
40260032027	DB-14 (1-3)	Solid	03/29/23 10:58	03/30/23 10:55
40260032028	DB-14 (3-5)	Solid	03/29/23 11:00	03/30/23 10:55
40260032029	DB-15 (1-3)	Solid	03/29/23 11:08	03/30/23 10:55
40260032030	DB-15 (3-5)	Solid	03/29/23 11:10	03/30/23 10:55

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

SAMPLE ANALYTE COUNT

Project: 1690023383
Pace Project No.: 40260032

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40260032001	**DB-1 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032002	**DB-1 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032003	**DB-2 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032004	**DB-2 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032005	**DB-3 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032006	**DB-3 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032007	**DB-4 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032008	**DB-4 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032009	**DB-5 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032010	**DB-5 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032011	**DB-6 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032012	**DB-6 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032013	**DB-7 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032014	**DB-7 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032015	**DB-8 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032016	**DB-8 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032017	**DB-9 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032018	**DB-9 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032019	**DB-10 (1-3)**	EPA 8260	ALD	10

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SAMPLE ANALYTE COUNT

Project: 1690023383
Pace Project No.: 40260032

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		ASTM D2974-87	CVH	1
40260032020	**DB-10 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	CVH	1
40260032025	**DB-13 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	SKW	1
40260032026	**DB-13 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	SKW	1
40260032027	**DB-14 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	SKW	1
40260032028	**DB-14 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	SKW	1
40260032029	**DB-15 (1-3)**	EPA 8260	ALD	10
		ASTM D2974-87	SKW	1
40260032030	**DB-15 (3-5)**	EPA 8260	ALD	10
		ASTM D2974-87	SKW	1

PASI-G = Pace Analytical Services - Green Bay

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

SUMMARY OF DETECTION

Project: 1690023383
Pace Project No.: 40260032

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40260032001	**DB-1 (1-3)**					
EPA 8260	Ethylbenzene	18.5J	ug/kg	66.1	04/04/23 02:11	
EPA 8260	Naphthalene	90.0J	ug/kg	330	04/04/23 02:11	
EPA 8260	Toluene	40.9J	ug/kg	66.1	04/04/23 02:11	
EPA 8260	Xylene (Total)	171J	ug/kg	198	04/04/23 02:11	
EPA 8260	m&p-Xylene	114J	ug/kg	132	04/04/23 02:11	
EPA 8260	o-Xylene	57.9J	ug/kg	66.1	04/04/23 02:11	
ASTM D2974-87	Percent Moisture	13.9	%	0.10	04/03/23 08:23	
40260032002	**DB-1 (3-5)**					
EPA 8260	Naphthalene	37.1J	ug/kg	419	03/31/23 19:29	
EPA 8260	Toluene	21.4J	ug/kg	83.8	03/31/23 19:29	
EPA 8260	m&p-Xylene	44.1J	ug/kg	168	03/31/23 19:29	
ASTM D2974-87	Percent Moisture	21.1	%	0.10	04/03/23 08:23	
40260032003	**DB-2 (1-3)**					
EPA 8260	Naphthalene	64.5J	ug/kg	348	03/31/23 19:49	
EPA 8260	Toluene	32.5J	ug/kg	69.6	03/31/23 19:49	
EPA 8260	Xylene (Total)	124J	ug/kg	209	03/31/23 19:49	
EPA 8260	m&p-Xylene	68.6J	ug/kg	139	03/31/23 19:49	
EPA 8260	o-Xylene	55.6J	ug/kg	69.6	03/31/23 19:49	
ASTM D2974-87	Percent Moisture	15.9	%	0.10	04/03/23 08:23	
40260032004	**DB-2 (3-5)**					
EPA 8260	Naphthalene	33.7J	ug/kg	313	03/31/23 20:10	
EPA 8260	Toluene	23.4J	ug/kg	62.6	03/31/23 20:10	
ASTM D2974-87	Percent Moisture	11.2	%	0.10	04/03/23 08:58	
40260032005	**DB-3 (1-3)**					
ASTM D2974-87	Percent Moisture	19.7	%	0.10	04/03/23 08:58	
40260032006	**DB-3 (3-5)**					
EPA 8260	Toluene	28.1J	ug/kg	69.3	03/31/23 20:50	
ASTM D2974-87	Percent Moisture	16.2	%	0.10	04/03/23 08:59	
40260032007	**DB-4 (1-3)**					
EPA 8260	Naphthalene	27.0J	ug/kg	302	03/31/23 21:10	
ASTM D2974-87	Percent Moisture	9.4	%	0.10	04/03/23 08:59	
40260032008	**DB-4 (3-5)**					
ASTM D2974-87	Percent Moisture	17.9	%	0.10	04/03/23 08:59	
40260032009	**DB-5 (1-3)**					
EPA 8260	Naphthalene	28.7J	ug/kg	298	03/31/23 21:50	
EPA 8260	Toluene	16.2J	ug/kg	59.6	03/31/23 21:50	
EPA 8260	m&p-Xylene	29.6J	ug/kg	119	03/31/23 21:50	
ASTM D2974-87	Percent Moisture	8.8	%	0.10	04/03/23 08:59	
40260032010	**DB-5 (3-5)**					
ASTM D2974-87	Percent Moisture	14.8	%	0.10	04/03/23 08:59	

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

SUMMARY OF DETECTION

Project: 1690023383
Pace Project No.: 40260032

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40260032011	**DB-6 (1-3)**					
EPA 8260	Naphthalene	22.4J	ug/kg	343	03/31/23 22:31	
EPA 8260	Toluene	20.2J	ug/kg	68.5	03/31/23 22:31	
EPA 8260	o-Xylene	23.5J	ug/kg	68.5	03/31/23 22:31	
ASTM D2974-87	Percent Moisture	15.6	%	0.10	04/03/23 08:59	
40260032012	**DB-6 (3-5)**					
ASTM D2974-87	Percent Moisture	19.2	%	0.10	04/03/23 08:59	
40260032013	**DB-7 (1-3)**					
EPA 8260	Ethylbenzene	24.6J	ug/kg	66.6	03/31/23 22:51	
EPA 8260	Naphthalene	130J	ug/kg	333	03/31/23 22:51	
EPA 8260	Toluene	54.0J	ug/kg	66.6	03/31/23 22:51	
EPA 8260	Xylene (Total)	124J	ug/kg	200	03/31/23 22:51	
EPA 8260	m&p-Xylene	67.6J	ug/kg	133	03/31/23 22:51	
EPA 8260	o-Xylene	56.8J	ug/kg	66.6	03/31/23 22:51	
ASTM D2974-87	Percent Moisture	14.2	%	0.10	04/03/23 08:59	
40260032014	**DB-7 (3-5)**					
ASTM D2974-87	Percent Moisture	13.5	%	0.10	04/03/23 09:00	
40260032015	**DB-8 (1-3)**					
ASTM D2974-87	Percent Moisture	11.0	%	0.10	04/03/23 09:00	
40260032016	**DB-8 (3-5)**					
ASTM D2974-87	Percent Moisture	18.0	%	0.10	04/03/23 09:00	
40260032017	**DB-9 (1-3)**					
EPA 8260	Ethylbenzene	22.5J	ug/kg	69.6	04/01/23 00:11	
EPA 8260	Naphthalene	147J	ug/kg	348	04/01/23 00:11	
EPA 8260	Toluene	60.4J	ug/kg	69.6	04/01/23 00:11	
EPA 8260	Xylene (Total)	221	ug/kg	209	04/01/23 00:11	
EPA 8260	m&p-Xylene	111J	ug/kg	139	04/01/23 00:11	
EPA 8260	o-Xylene	110	ug/kg	69.6	04/01/23 00:11	
ASTM D2974-87	Percent Moisture	16.4	%	0.10	04/03/23 09:00	
40260032018	**DB-9 (3-5)**					
ASTM D2974-87	Percent Moisture	19.9	%	0.10	04/03/23 09:00	
40260032019	**DB-10 (1-3)**					
EPA 8260	Benzene	20.7J	ug/kg	23.5	04/01/23 01:32	
EPA 8260	Naphthalene	37.5J	ug/kg	294	04/01/23 01:32	
EPA 8260	Toluene	39.3J	ug/kg	58.8	04/01/23 01:32	
EPA 8260	m&p-Xylene	25.9J	ug/kg	118	04/01/23 01:32	
ASTM D2974-87	Percent Moisture	8.1	%	0.10	04/03/23 09:00	
40260032020	**DB-10 (3-5)**					
EPA 8260	Naphthalene	94.0J	ug/kg	376	04/01/23 00:51	
EPA 8260	Xylene (Total)	109J	ug/kg	226	04/01/23 00:51	
EPA 8260	m&p-Xylene	51.6J	ug/kg	150	04/01/23 00:51	
EPA 8260	o-Xylene	57.6J	ug/kg	75.2	04/01/23 00:51	
ASTM D2974-87	Percent Moisture	20.2	%	0.10	04/03/23 09:00	

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

SUMMARY OF DETECTION

Project: 1690023383
Pace Project No.: 40260032

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40260032025	**DB-13 (1-3)**					
EPA 8260	Naphthalene	62.5J	ug/kg	330	03/31/23 13:54	
EPA 8260	Toluene	50.3J	ug/kg	66.0	03/31/23 13:54	
EPA 8260	Xylene (Total)	96.3J	ug/kg	198	03/31/23 13:54	
EPA 8260	m&p-Xylene	49.8J	ug/kg	132	03/31/23 13:54	
EPA 8260	o-Xylene	46.5J	ug/kg	66.0	03/31/23 13:54	
ASTM D2974-87	Percent Moisture	13.8	%	0.10	03/30/23 14:39	
40260032026	**DB-13 (3-5)**					
ASTM D2974-87	Percent Moisture	14.4	%	0.10	03/30/23 14:39	
40260032027	**DB-14 (1-3)**					
ASTM D2974-87	Percent Moisture	8.1	%	0.10	03/30/23 14:39	
40260032028	**DB-14 (3-5)**					
ASTM D2974-87	Percent Moisture	12.5	%	0.10	03/30/23 14:40	
40260032029	**DB-15 (1-3)**					
EPA 8260	Naphthalene	32.0J	ug/kg	318	03/31/23 15:12	
EPA 8260	Toluene	30.9J	ug/kg	63.6	03/31/23 15:12	
EPA 8260	Xylene (Total)	70.3J	ug/kg	191	03/31/23 15:12	
EPA 8260	m&p-Xylene	42.4J	ug/kg	127	03/31/23 15:12	
EPA 8260	o-Xylene	27.9J	ug/kg	63.6	03/31/23 15:12	
ASTM D2974-87	Percent Moisture	11.9	%	0.10	03/30/23 14:40	
40260032030	**DB-15 (3-5)**					
ASTM D2974-87	Percent Moisture	5.8	%	0.10	03/30/23 14:40	

Pace Analytical Services, LLC
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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-1 (1-3) **Lab ID: 40260032001** Collected: 03/29/23 08:18 Received: 03/30/23 10:55 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								
Benzene	**<15.7**	ug/kg	26.4	15.7	1	04/03/23 08:00	04/04/23 02:11	71-43-2	
Ethylbenzene	**18.5J**	ug/kg	66.1	15.7	1	04/03/23 08:00	04/04/23 02:11	100-41-4	
Naphthalene	**90.0J**	ug/kg	330	20.6	1	04/03/23 08:00	04/04/23 02:11	91-20-3	
Toluene	**40.9J**	ug/kg	66.1	16.7	1	04/03/23 08:00	04/04/23 02:11	108-88-3	
Xylene (Total)	**171J**	ug/kg	198	47.7	1	04/03/23 08:00	04/04/23 02:11	1330-20-7	
m&p-Xylene	**114J**	ug/kg	132	27.9	1	04/03/23 08:00	04/04/23 02:11	179601-23-1	
o-Xylene	**57.9J**	ug/kg	66.1	19.8	1	04/03/23 08:00	04/04/23 02:11	95-47-6	
Surrogates									
Toluene-d8 (S)	118	%	69-153		1	04/03/23 08:00	04/04/23 02:11	2037-26-5	
4-Bromofluorobenzene (S)	119	%	68-156		1	04/03/23 08:00	04/04/23 02:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	133	%	71-161		1	04/03/23 08:00	04/04/23 02:11	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.9**	%	0.10	0.10	1		04/03/23 08:23		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-1 (3-5) **Lab ID: 40260032002** Collected: 03/29/23 08:20 Received: 03/30/23 10:55 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								
Benzene	**<19.9**	ug/kg	33.5	19.9	1	03/31/23 12:00	03/31/23 19:29	71-43-2	
Ethylbenzene	**<19.9**	ug/kg	83.8	19.9	1	03/31/23 12:00	03/31/23 19:29	100-41-4	
Naphthalene	**37.1J**	ug/kg	419	26.1	1	03/31/23 12:00	03/31/23 19:29	91-20-3	
Toluene	**21.4J**	ug/kg	83.8	21.1	1	03/31/23 12:00	03/31/23 19:29	108-88-3	
Xylene (Total)	**<60.5**	ug/kg	251	60.5	1	03/31/23 12:00	03/31/23 19:29	1330-20-7	
m&p-Xylene	**44.1J**	ug/kg	168	35.4	1	03/31/23 12:00	03/31/23 19:29	179601-23-1	
o-Xylene	**<25.1**	ug/kg	83.8	25.1	1	03/31/23 12:00	03/31/23 19:29	95-47-6	
Surrogates									
Toluene-d8 (S)	132	%	69-153		1	03/31/23 12:00	03/31/23 19:29	2037-26-5	
4-Bromofluorobenzene (S)	141	%	68-156		1	03/31/23 12:00	03/31/23 19:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	127	%	71-161		1	03/31/23 12:00	03/31/23 19:29	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**21.1**	%	0.10	0.10	1		04/03/23 08:23		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-2 (1-3) **Lab ID: 40260032003** Collected: 03/29/23 08:27 Received: 03/30/23 10:55 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								
Benzene	**<16.6**	ug/kg	27.8	16.6	1	03/31/23 12:00	03/31/23 19:49	71-43-2	
Ethylbenzene	**<16.6**	ug/kg	69.6	16.6	1	03/31/23 12:00	03/31/23 19:49	100-41-4	
Naphthalene	**64.5J**	ug/kg	348	21.7	1	03/31/23 12:00	03/31/23 19:49	91-20-3	
Toluene	**32.5J**	ug/kg	69.6	17.5	1	03/31/23 12:00	03/31/23 19:49	108-88-3	
Xylene (Total)	**124J**	ug/kg	209	50.2	1	03/31/23 12:00	03/31/23 19:49	1330-20-7	
m&p-Xylene	**68.6J**	ug/kg	139	29.4	1	03/31/23 12:00	03/31/23 19:49	179601-23-1	
o-Xylene	**55.6J**	ug/kg	69.6	20.9	1	03/31/23 12:00	03/31/23 19:49	95-47-6	
Surrogates									
Toluene-d8 (S)	128	%	69-153		1	03/31/23 12:00	03/31/23 19:49	2037-26-5	
4-Bromofluorobenzene (S)	130	%	68-156		1	03/31/23 12:00	03/31/23 19:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	71-161		1	03/31/23 12:00	03/31/23 19:49	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.9**	%	0.10	0.10	1		04/03/23 08:23		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-2 (3-5) **Lab ID: 40260032004** Collected: 03/29/23 08:30 Received: 03/30/23 10:55 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								
Benzene	**<14.9**	ug/kg	25.0	14.9	1	03/31/23 12:00	03/31/23 20:10	71-43-2	
Ethylbenzene	**<14.9**	ug/kg	62.6	14.9	1	03/31/23 12:00	03/31/23 20:10	100-41-4	
Naphthalene	**33.7J**	ug/kg	313	19.5	1	03/31/23 12:00	03/31/23 20:10	91-20-3	
Toluene	**23.4J**	ug/kg	62.6	15.8	1	03/31/23 12:00	03/31/23 20:10	108-88-3	
Xylene (Total)	**<45.2**	ug/kg	188	45.2	1	03/31/23 12:00	03/31/23 20:10	1330-20-7	
m&p-Xylene	**<26.4**	ug/kg	125	26.4	1	03/31/23 12:00	03/31/23 20:10	179601-23-1	
o-Xylene	**<18.8**	ug/kg	62.6	18.8	1	03/31/23 12:00	03/31/23 20:10	95-47-6	
Surrogates									
Toluene-d8 (S)	116	%	69-153		1	03/31/23 12:00	03/31/23 20:10	2037-26-5	
4-Bromofluorobenzene (S)	125	%	68-156		1	03/31/23 12:00	03/31/23 20:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	71-161		1	03/31/23 12:00	03/31/23 20:10	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.2**	%	0.10	0.10	1		04/03/23 08:58		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-3 (1-3) **Lab ID: 40260032005** Collected: 03/29/23 08:35 Received: 03/30/23 10:55 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								
Benzene	**<21.7**	ug/kg	36.5	21.7	1	03/31/23 12:00	03/31/23 20:30	71-43-2	
Ethylbenzene	**<21.7**	ug/kg	91.2	21.7	1	03/31/23 12:00	03/31/23 20:30	100-41-4	
Naphthalene	**<28.4**	ug/kg	456	28.4	1	03/31/23 12:00	03/31/23 20:30	91-20-3	
Toluene	**<23.0**	ug/kg	91.2	23.0	1	03/31/23 12:00	03/31/23 20:30	108-88-3	
Xylene (Total)	**<65.8**	ug/kg	273	65.8	1	03/31/23 12:00	03/31/23 20:30	1330-20-7	
m&p-Xylene	**<38.5**	ug/kg	182	38.5	1	03/31/23 12:00	03/31/23 20:30	179601-23-1	
o-Xylene	**<27.3**	ug/kg	91.2	27.3	1	03/31/23 12:00	03/31/23 20:30	95-47-6	
Surrogates									
Toluene-d8 (S)	116	%	69-153		1	03/31/23 12:00	03/31/23 20:30	2037-26-5	
4-Bromofluorobenzene (S)	124	%	68-156		1	03/31/23 12:00	03/31/23 20:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	71-161		1	03/31/23 12:00	03/31/23 20:30	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**19.7**	%	0.10	0.10	1		04/03/23 08:58		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-3 (3-5) **Lab ID: 40260032006** Collected: 03/29/23 08:37 Received: 03/30/23 10:55 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								
Benzene	**<16.5**	ug/kg	27.7	16.5	1	03/31/23 12:00	03/31/23 20:50	71-43-2	
Ethylbenzene	**<16.5**	ug/kg	69.3	16.5	1	03/31/23 12:00	03/31/23 20:50	100-41-4	
Naphthalene	**<21.6**	ug/kg	347	21.6	1	03/31/23 12:00	03/31/23 20:50	91-20-3	
Toluene	**28.1J**	ug/kg	69.3	17.5	1	03/31/23 12:00	03/31/23 20:50	108-88-3	
Xylene (Total)	**<50.1**	ug/kg	208	50.1	1	03/31/23 12:00	03/31/23 20:50	1330-20-7	
m&p-Xylene	**<29.3**	ug/kg	139	29.3	1	03/31/23 12:00	03/31/23 20:50	179601-23-1	
o-Xylene	**<20.8**	ug/kg	69.3	20.8	1	03/31/23 12:00	03/31/23 20:50	95-47-6	
Surrogates									
Toluene-d8 (S)	111	%	69-153		1	03/31/23 12:00	03/31/23 20:50	2037-26-5	
4-Bromofluorobenzene (S)	116	%	68-156		1	03/31/23 12:00	03/31/23 20:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	109	%	71-161		1	03/31/23 12:00	03/31/23 20:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.2**	%	0.10	0.10	1		04/03/23 08:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-4 (1-3) **Lab ID: 40260032007** Collected: 03/29/23 08:40 Received: 03/30/23 10:55 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								
Benzene	**<14.4**	ug/kg	24.1	14.4	1	03/31/23 12:00	03/31/23 21:10	71-43-2	
Ethylbenzene	**<14.4**	ug/kg	60.3	14.4	1	03/31/23 12:00	03/31/23 21:10	100-41-4	
Naphthalene	**27.0J**	ug/kg	302	18.8	1	03/31/23 12:00	03/31/23 21:10	91-20-3	
Toluene	**<15.2**	ug/kg	60.3	15.2	1	03/31/23 12:00	03/31/23 21:10	108-88-3	
Xylene (Total)	**<43.6**	ug/kg	181	43.6	1	03/31/23 12:00	03/31/23 21:10	1330-20-7	
m&p-Xylene	**<25.5**	ug/kg	121	25.5	1	03/31/23 12:00	03/31/23 21:10	179601-23-1	
o-Xylene	**<18.1**	ug/kg	60.3	18.1	1	03/31/23 12:00	03/31/23 21:10	95-47-6	
Surrogates									
Toluene-d8 (S)	125	%	69-153		1	03/31/23 12:00	03/31/23 21:10	2037-26-5	
4-Bromofluorobenzene (S)	135	%	68-156		1	03/31/23 12:00	03/31/23 21:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	125	%	71-161		1	03/31/23 12:00	03/31/23 21:10	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.4**	%	0.10	0.10	1		04/03/23 08:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-4 (3-5) **Lab ID: 40260032008** Collected: 03/29/23 08:42 Received: 03/30/23 10:55 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								
Benzene	**<17.1**	ug/kg	28.7	17.1	1	03/31/23 12:00	03/31/23 21:30	71-43-2	
Ethylbenzene	**<17.1**	ug/kg	71.8	17.1	1	03/31/23 12:00	03/31/23 21:30	100-41-4	
Naphthalene	**<22.4**	ug/kg	359	22.4	1	03/31/23 12:00	03/31/23 21:30	91-20-3	
Toluene	**<18.1**	ug/kg	71.8	18.1	1	03/31/23 12:00	03/31/23 21:30	108-88-3	
Xylene (Total)	**<51.8**	ug/kg	215	51.8	1	03/31/23 12:00	03/31/23 21:30	1330-20-7	
m&p-Xylene	**<30.3**	ug/kg	144	30.3	1	03/31/23 12:00	03/31/23 21:30	179601-23-1	
o-Xylene	**<21.5**	ug/kg	71.8	21.5	1	03/31/23 12:00	03/31/23 21:30	95-47-6	
Surrogates									
Toluene-d8 (S)	139	%	69-153		1	03/31/23 12:00	03/31/23 21:30	2037-26-5	
4-Bromofluorobenzene (S)	144	%	68-156		1	03/31/23 12:00	03/31/23 21:30	460-00-4	
1,2-Dichlorobenzene-d4 (S)	133	%	71-161		1	03/31/23 12:00	03/31/23 21:30	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.9**	%	0.10	0.10	1		04/03/23 08:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-5 (1-3) **Lab ID: 40260032009** Collected: 03/29/23 09:00 Received: 03/30/23 10:55 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								
Benzene	**<14.2**	ug/kg	23.8	14.2	1	03/31/23 12:00	03/31/23 21:50	71-43-2	
Ethylbenzene	**<14.2**	ug/kg	59.6	14.2	1	03/31/23 12:00	03/31/23 21:50	100-41-4	
Naphthalene	**28.7J**	ug/kg	298	18.6	1	03/31/23 12:00	03/31/23 21:50	91-20-3	
Toluene	**16.2J**	ug/kg	59.6	15.0	1	03/31/23 12:00	03/31/23 21:50	108-88-3	
Xylene (Total)	**<43.0**	ug/kg	179	43.0	1	03/31/23 12:00	03/31/23 21:50	1330-20-7	
m&p-Xylene	**29.6J**	ug/kg	119	25.2	1	03/31/23 12:00	03/31/23 21:50	179601-23-1	
o-Xylene	**<17.9**	ug/kg	59.6	17.9	1	03/31/23 12:00	03/31/23 21:50	95-47-6	
Surrogates									
Toluene-d8 (S)	115	%	69-153		1	03/31/23 12:00	03/31/23 21:50	2037-26-5	
4-Bromofluorobenzene (S)	121	%	68-156		1	03/31/23 12:00	03/31/23 21:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	113	%	71-161		1	03/31/23 12:00	03/31/23 21:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.8**	%	0.10	0.10	1		04/03/23 08:59		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-5 (3-5) **Lab ID: 40260032010** Collected: 03/29/23 09:02 Received: 03/30/23 10:55 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								
Benzene	**<16.1**	ug/kg	27.0	16.1	1	03/31/23 12:00	03/31/23 22:10	71-43-2	
Ethylbenzene	**<16.1**	ug/kg	67.4	16.1	1	03/31/23 12:00	03/31/23 22:10	100-41-4	
Naphthalene	**<21.0**	ug/kg	337	21.0	1	03/31/23 12:00	03/31/23 22:10	91-20-3	
Toluene	**<17.0**	ug/kg	67.4	17.0	1	03/31/23 12:00	03/31/23 22:10	108-88-3	
Xylene (Total)	**<48.7**	ug/kg	202	48.7	1	03/31/23 12:00	03/31/23 22:10	1330-20-7	
m&p-Xylene	**<28.5**	ug/kg	135	28.5	1	03/31/23 12:00	03/31/23 22:10	179601-23-1	
o-Xylene	**<20.2**	ug/kg	67.4	20.2	1	03/31/23 12:00	03/31/23 22:10	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	69-153		1	03/31/23 12:00	03/31/23 22:10	2037-26-5	
4-Bromofluorobenzene (S)	134	%	68-156		1	03/31/23 12:00	03/31/23 22:10	460-00-4	
1,2-Dichlorobenzene-d4 (S)	127	%	71-161		1	03/31/23 12:00	03/31/23 22:10	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.8**	%	0.10	0.10	1		04/03/23 08:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-6 (1-3) **Lab ID: 40260032011** Collected: 03/29/23 09:10 Received: 03/30/23 10:55 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								
Benzene	**<16.3**	ug/kg	27.4	16.3	1	03/31/23 12:00	03/31/23 22:31	71-43-2	
Ethylbenzene	**<16.3**	ug/kg	68.5	16.3	1	03/31/23 12:00	03/31/23 22:31	100-41-4	
Naphthalene	**22.4J**	ug/kg	343	21.4	1	03/31/23 12:00	03/31/23 22:31	91-20-3	
Toluene	**20.2J**	ug/kg	68.5	17.3	1	03/31/23 12:00	03/31/23 22:31	108-88-3	
Xylene (Total)	**<49.5**	ug/kg	206	49.5	1	03/31/23 12:00	03/31/23 22:31	1330-20-7	
m&p-Xylene	**<28.9**	ug/kg	137	28.9	1	03/31/23 12:00	03/31/23 22:31	179601-23-1	
o-Xylene	**23.5J**	ug/kg	68.5	20.6	1	03/31/23 12:00	03/31/23 22:31	95-47-6	
Surrogates									
Toluene-d8 (S)	128	%	69-153		1	03/31/23 12:00	03/31/23 22:31	2037-26-5	
4-Bromofluorobenzene (S)	134	%	68-156		1	03/31/23 12:00	03/31/23 22:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	126	%	71-161		1	03/31/23 12:00	03/31/23 22:31	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.6**	%	0.10	0.10	1		04/03/23 08:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-6 (3-5) **Lab ID: 40260032012** Collected: 03/29/23 09:12 Received: 03/30/23 10:55 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								
Benzene	**<17.5**	ug/kg	29.5	17.5	1	03/31/23 12:00	03/31/23 19:09	71-43-2	
Ethylbenzene	**<17.5**	ug/kg	73.7	17.5	1	03/31/23 12:00	03/31/23 19:09	100-41-4	
Naphthalene	**<23.0**	ug/kg	368	23.0	1	03/31/23 12:00	03/31/23 19:09	91-20-3	
Toluene	**<18.6**	ug/kg	73.7	18.6	1	03/31/23 12:00	03/31/23 19:09	108-88-3	
Xylene (Total)	**<53.2**	ug/kg	221	53.2	1	03/31/23 12:00	03/31/23 19:09	1330-20-7	
m&p-Xylene	**<31.1**	ug/kg	147	31.1	1	03/31/23 12:00	03/31/23 19:09	179601-23-1	
o-Xylene	**<22.1**	ug/kg	73.7	22.1	1	03/31/23 12:00	03/31/23 19:09	95-47-6	
Surrogates									
Toluene-d8 (S)	131	%	69-153		1	03/31/23 12:00	03/31/23 19:09	2037-26-5	
4-Bromofluorobenzene (S)	135	%	68-156		1	03/31/23 12:00	03/31/23 19:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	128	%	71-161		1	03/31/23 12:00	03/31/23 19:09	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**19.2**	%	0.10	0.10	1		04/03/23 08:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-7 (1-3) **Lab ID: 40260032013** Collected: 03/29/23 09:17 Received: 03/30/23 10:55 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								
Benzene	**<15.8**	ug/kg	26.6	15.8	1	03/31/23 12:00	03/31/23 22:51	71-43-2	
Ethylbenzene	**24.6J**	ug/kg	66.6	15.8	1	03/31/23 12:00	03/31/23 22:51	100-41-4	
Naphthalene	**130J**	ug/kg	333	20.8	1	03/31/23 12:00	03/31/23 22:51	91-20-3	
Toluene	**54.0J**	ug/kg	66.6	16.8	1	03/31/23 12:00	03/31/23 22:51	108-88-3	
Xylene (Total)	**124J**	ug/kg	200	48.1	1	03/31/23 12:00	03/31/23 22:51	1330-20-7	
m&p-Xylene	**67.6J**	ug/kg	133	28.1	1	03/31/23 12:00	03/31/23 22:51	179601-23-1	
o-Xylene	**56.8J**	ug/kg	66.6	20.0	1	03/31/23 12:00	03/31/23 22:51	95-47-6	
Surrogates									
Toluene-d8 (S)	114	%	69-153		1	03/31/23 12:00	03/31/23 22:51	2037-26-5	
4-Bromofluorobenzene (S)	121	%	68-156		1	03/31/23 12:00	03/31/23 22:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	111	%	71-161		1	03/31/23 12:00	03/31/23 22:51	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.2**	%	0.10	0.10	1		04/03/23 08:59		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-7 (3-5) **Lab ID: 40260032014** Collected: 03/29/23 09:20 Received: 03/30/23 10:55 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								
Benzene	**<15.6**	ug/kg	26.2	15.6	1	03/31/23 12:00	03/31/23 23:11	71-43-2	
Ethylbenzene	**<15.6**	ug/kg	65.6	15.6	1	03/31/23 12:00	03/31/23 23:11	100-41-4	
Naphthalene	**<20.5**	ug/kg	328	20.5	1	03/31/23 12:00	03/31/23 23:11	91-20-3	
Toluene	**<16.5**	ug/kg	65.6	16.5	1	03/31/23 12:00	03/31/23 23:11	108-88-3	
Xylene (Total)	**<47.3**	ug/kg	197	47.3	1	03/31/23 12:00	03/31/23 23:11	1330-20-7	
m&p-Xylene	**<27.7**	ug/kg	131	27.7	1	03/31/23 12:00	03/31/23 23:11	179601-23-1	
o-Xylene	**<19.7**	ug/kg	65.6	19.7	1	03/31/23 12:00	03/31/23 23:11	95-47-6	
Surrogates									
Toluene-d8 (S)	122	%	69-153		1	03/31/23 12:00	03/31/23 23:11	2037-26-5	
4-Bromofluorobenzene (S)	129	%	68-156		1	03/31/23 12:00	03/31/23 23:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	03/31/23 12:00	03/31/23 23:11	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.5**	%	0.10	0.10	1		04/03/23 09:00		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-8 (1-3) **Lab ID: 40260032015** Collected: 03/29/23 09:35 Received: 03/30/23 10:55 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								
Benzene	**<20.9**	ug/kg	35.1	20.9	1	03/31/23 12:00	03/31/23 23:31	71-43-2	
Ethylbenzene	**<20.9**	ug/kg	87.7	20.9	1	03/31/23 12:00	03/31/23 23:31	100-41-4	
Naphthalene	**<27.4**	ug/kg	438	27.4	1	03/31/23 12:00	03/31/23 23:31	91-20-3	
Toluene	**<22.1**	ug/kg	87.7	22.1	1	03/31/23 12:00	03/31/23 23:31	108-88-3	
Xylene (Total)	**<63.3**	ug/kg	263	63.3	1	03/31/23 12:00	03/31/23 23:31	1330-20-7	
m&p-Xylene	**<37.0**	ug/kg	175	37.0	1	03/31/23 12:00	03/31/23 23:31	179601-23-1	
o-Xylene	**<26.3**	ug/kg	87.7	26.3	1	03/31/23 12:00	03/31/23 23:31	95-47-6	
Surrogates									
Toluene-d8 (S)	126	%	69-153		1	03/31/23 12:00	03/31/23 23:31	2037-26-5	
4-Bromofluorobenzene (S)	131	%	68-156		1	03/31/23 12:00	03/31/23 23:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	71-161		1	03/31/23 12:00	03/31/23 23:31	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.0**	%	0.10	0.10	1		04/03/23 09:00		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-8 (3-5) **Lab ID: 40260032016** Collected: 03/29/23 09:37 Received: 03/30/23 10:55 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								
Benzene	**<17.1**	ug/kg	28.8	17.1	1	03/31/23 12:00	03/31/23 23:51	71-43-2	
Ethylbenzene	**<17.1**	ug/kg	71.9	17.1	1	03/31/23 12:00	03/31/23 23:51	100-41-4	
Naphthalene	**<22.4**	ug/kg	359	22.4	1	03/31/23 12:00	03/31/23 23:51	91-20-3	
Toluene	**<18.1**	ug/kg	71.9	18.1	1	03/31/23 12:00	03/31/23 23:51	108-88-3	
Xylene (Total)	**<51.9**	ug/kg	216	51.9	1	03/31/23 12:00	03/31/23 23:51	1330-20-7	
m&p-Xylene	**<30.3**	ug/kg	144	30.3	1	03/31/23 12:00	03/31/23 23:51	179601-23-1	
o-Xylene	**<21.6**	ug/kg	71.9	21.6	1	03/31/23 12:00	03/31/23 23:51	95-47-6	
Surrogates									
Toluene-d8 (S)	135	%	69-153		1	03/31/23 12:00	03/31/23 23:51	2037-26-5	
4-Bromofluorobenzene (S)	143	%	68-156		1	03/31/23 12:00	03/31/23 23:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	135	%	71-161		1	03/31/23 12:00	03/31/23 23:51	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.0**	%	0.10	0.10	1		04/03/23 09:00		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-9 (1-3) **Lab ID: 40260032017** Collected: 03/29/23 09:45 Received: 03/30/23 10:55 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								
Benzene	**<16.6**	ug/kg	27.8	16.6	1	03/31/23 12:00	04/01/23 00:11	71-43-2	
Ethylbenzene	**22.5J**	ug/kg	69.6	16.6	1	03/31/23 12:00	04/01/23 00:11	100-41-4	
Naphthalene	**147J**	ug/kg	348	21.7	1	03/31/23 12:00	04/01/23 00:11	91-20-3	
Toluene	**60.4J**	ug/kg	69.6	17.5	1	03/31/23 12:00	04/01/23 00:11	108-88-3	
Xylene (Total)	**221**	ug/kg	209	50.2	1	03/31/23 12:00	04/01/23 00:11	1330-20-7	
m&p-Xylene	**111J**	ug/kg	139	29.4	1	03/31/23 12:00	04/01/23 00:11	179601-23-1	
o-Xylene	**110**	ug/kg	69.6	20.9	1	03/31/23 12:00	04/01/23 00:11	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	69-153		1	03/31/23 12:00	04/01/23 00:11	2037-26-5	
4-Bromofluorobenzene (S)	126	%	68-156		1	03/31/23 12:00	04/01/23 00:11	460-00-4	
1,2-Dichlorobenzene-d4 (S)	117	%	71-161		1	03/31/23 12:00	04/01/23 00:11	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.4**	%	0.10	0.10	1		04/03/23 09:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-9 (3-5) **Lab ID: 40260032018** Collected: 03/29/23 09:47 Received: 03/30/23 10:55 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								
Benzene	**<17.8**	ug/kg	29.9	17.8	1	03/31/23 12:00	04/01/23 00:31	71-43-2	
Ethylbenzene	**<17.8**	ug/kg	74.8	17.8	1	03/31/23 12:00	04/01/23 00:31	100-41-4	
Naphthalene	**<23.3**	ug/kg	374	23.3	1	03/31/23 12:00	04/01/23 00:31	91-20-3	
Toluene	**<18.9**	ug/kg	74.8	18.9	1	03/31/23 12:00	04/01/23 00:31	108-88-3	
Xylene (Total)	**<54.0**	ug/kg	224	54.0	1	03/31/23 12:00	04/01/23 00:31	1330-20-7	
m&p-Xylene	**<31.6**	ug/kg	150	31.6	1	03/31/23 12:00	04/01/23 00:31	179601-23-1	
o-Xylene	**<22.4**	ug/kg	74.8	22.4	1	03/31/23 12:00	04/01/23 00:31	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	69-153		1	03/31/23 12:00	04/01/23 00:31	2037-26-5	
4-Bromofluorobenzene (S)	135	%	68-156		1	03/31/23 12:00	04/01/23 00:31	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	71-161		1	03/31/23 12:00	04/01/23 00:31	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**19.9**	%	0.10	0.10	1		04/03/23 09:00		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-10 (1-3) **Lab ID: 40260032019** Collected: 03/29/23 10:02 Received: 03/30/23 10:55 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								
Benzene	**20.7J**	ug/kg	23.5	14.0	1	03/31/23 12:00	04/01/23 01:32	71-43-2	
Ethylbenzene	**<14.0**	ug/kg	58.8	14.0	1	03/31/23 12:00	04/01/23 01:32	100-41-4	
Naphthalene	**37.5J**	ug/kg	294	18.3	1	03/31/23 12:00	04/01/23 01:32	91-20-3	
Toluene	**39.3J**	ug/kg	58.8	14.8	1	03/31/23 12:00	04/01/23 01:32	108-88-3	
Xylene (Total)	**<42.5**	ug/kg	176	42.5	1	03/31/23 12:00	04/01/23 01:32	1330-20-7	
m&p-Xylene	**25.9J**	ug/kg	118	24.8	1	03/31/23 12:00	04/01/23 01:32	179601-23-1	
o-Xylene	**<17.6**	ug/kg	58.8	17.6	1	03/31/23 12:00	04/01/23 01:32	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	69-153		1	03/31/23 12:00	04/01/23 01:32	2037-26-5	
4-Bromofluorobenzene (S)	138	%	68-156		1	03/31/23 12:00	04/01/23 01:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	126	%	71-161		1	03/31/23 12:00	04/01/23 01:32	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.1**	%	0.10	0.10	1		04/03/23 09:00		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-10 (3-5) **Lab ID: 40260032020** Collected: 03/29/23 10:05 Received: 03/30/23 10:55 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								
Benzene	**<17.9**	ug/kg	30.1	17.9	1	03/31/23 12:00	04/01/23 00:51	71-43-2	
Ethylbenzene	**<17.9**	ug/kg	75.2	17.9	1	03/31/23 12:00	04/01/23 00:51	100-41-4	
Naphthalene	**94.0J**	ug/kg	376	23.5	1	03/31/23 12:00	04/01/23 00:51	91-20-3	
Toluene	**<19.0**	ug/kg	75.2	19.0	1	03/31/23 12:00	04/01/23 00:51	108-88-3	
Xylene (Total)	**109J**	ug/kg	226	54.3	1	03/31/23 12:00	04/01/23 00:51	1330-20-7	
m&p-Xylene	**51.6J**	ug/kg	150	31.8	1	03/31/23 12:00	04/01/23 00:51	179601-23-1	
o-Xylene	**57.6J**	ug/kg	75.2	22.6	1	03/31/23 12:00	04/01/23 00:51	95-47-6	
Surrogates									
Toluene-d8 (S)	137	%	69-153		1	03/31/23 12:00	04/01/23 00:51	2037-26-5	
4-Bromofluorobenzene (S)	144	%	68-156		1	03/31/23 12:00	04/01/23 00:51	460-00-4	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	03/31/23 12:00	04/01/23 00:51	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**20.2**	%	0.10	0.10	1		04/03/23 09:00		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-13 (1-3) **Lab ID: 40260032025** Collected: 03/29/23 10:50 Received: 03/30/23 10:55 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								
Benzene	**<15.7**	ug/kg	26.4	15.7	1	03/31/23 07:00	03/31/23 13:54	71-43-2	
Ethylbenzene	**<15.7**	ug/kg	66.0	15.7	1	03/31/23 07:00	03/31/23 13:54	100-41-4	
Naphthalene	**62.5J**	ug/kg	330	20.6	1	03/31/23 07:00	03/31/23 13:54	91-20-3	
Toluene	**50.3J**	ug/kg	66.0	16.6	1	03/31/23 07:00	03/31/23 13:54	108-88-3	
Xylene (Total)	**96.3J**	ug/kg	198	47.7	1	03/31/23 07:00	03/31/23 13:54	1330-20-7	
m&p-Xylene	**49.8J**	ug/kg	132	27.9	1	03/31/23 07:00	03/31/23 13:54	179601-23-1	
o-Xylene	**46.5J**	ug/kg	66.0	19.8	1	03/31/23 07:00	03/31/23 13:54	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	69-153		1	03/31/23 07:00	03/31/23 13:54	2037-26-5	
4-Bromofluorobenzene (S)	139	%	68-156		1	03/31/23 07:00	03/31/23 13:54	460-00-4	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	03/31/23 07:00	03/31/23 13:54	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.8**	%	0.10	0.10	1		03/30/23 14:39		

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-13 (3-5) **Lab ID: 40260032026** Collected: 03/29/23 10:52 Received: 03/30/23 10:55 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								
Benzene	**<15.9**	ug/kg	26.7	15.9	1	03/31/23 07:00	03/31/23 14:13	71-43-2	
Ethylbenzene	**<15.9**	ug/kg	66.8	15.9	1	03/31/23 07:00	03/31/23 14:13	100-41-4	
Naphthalene	**<20.8**	ug/kg	334	20.8	1	03/31/23 07:00	03/31/23 14:13	91-20-3	
Toluene	**<16.8**	ug/kg	66.8	16.8	1	03/31/23 07:00	03/31/23 14:13	108-88-3	
Xylene (Total)	**<48.2**	ug/kg	200	48.2	1	03/31/23 07:00	03/31/23 14:13	1330-20-7	
m&p-Xylene	**<28.2**	ug/kg	134	28.2	1	03/31/23 07:00	03/31/23 14:13	179601-23-1	
o-Xylene	**<20.0**	ug/kg	66.8	20.0	1	03/31/23 07:00	03/31/23 14:13	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	69-153		1	03/31/23 07:00	03/31/23 14:13	2037-26-5	
4-Bromofluorobenzene (S)	125	%	68-156		1	03/31/23 07:00	03/31/23 14:13	460-00-4	
1,2-Dichlorobenzene-d4 (S)	133	%	71-161		1	03/31/23 07:00	03/31/23 14:13	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**14.4**	%	0.10	0.10	1		03/30/23 14:39		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-14 (1-3) **Lab ID: 40260032027** Collected: 03/29/23 10:58 Received: 03/30/23 10:55 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								
Benzene	**<14.0**	ug/kg	23.5	14.0	1	03/31/23 07:00	03/31/23 14:33	71-43-2	
Ethylbenzene	**<14.0**	ug/kg	58.8	14.0	1	03/31/23 07:00	03/31/23 14:33	100-41-4	
Naphthalene	**<18.4**	ug/kg	294	18.4	1	03/31/23 07:00	03/31/23 14:33	91-20-3	
Toluene	**<14.8**	ug/kg	58.8	14.8	1	03/31/23 07:00	03/31/23 14:33	108-88-3	
Xylene (Total)	**<42.5**	ug/kg	176	42.5	1	03/31/23 07:00	03/31/23 14:33	1330-20-7	
m&p-Xylene	**<24.8**	ug/kg	118	24.8	1	03/31/23 07:00	03/31/23 14:33	179601-23-1	
o-Xylene	**<17.6**	ug/kg	58.8	17.6	1	03/31/23 07:00	03/31/23 14:33	95-47-6	
Surrogates									
Toluene-d8 (S)	115	%	69-153		1	03/31/23 07:00	03/31/23 14:33	2037-26-5	
4-Bromofluorobenzene (S)	152	%	68-156		1	03/31/23 07:00	03/31/23 14:33	460-00-4	
1,2-Dichlorobenzene-d4 (S)	139	%	71-161		1	03/31/23 07:00	03/31/23 14:33	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.1**	%	0.10	0.10	1		03/30/23 14:39		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-14 (3-5) **Lab ID: 40260032028** Collected: 03/29/23 11:00 Received: 03/30/23 10:55 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								
Benzene	**<15.3**	ug/kg	25.7	15.3	1	03/31/23 07:00	03/31/23 14:52	71-43-2	
Ethylbenzene	**<15.3**	ug/kg	64.3	15.3	1	03/31/23 07:00	03/31/23 14:52	100-41-4	
Naphthalene	**<20.0**	ug/kg	321	20.0	1	03/31/23 07:00	03/31/23 14:52	91-20-3	
Toluene	**<16.2**	ug/kg	64.3	16.2	1	03/31/23 07:00	03/31/23 14:52	108-88-3	
Xylene (Total)	**<46.4**	ug/kg	193	46.4	1	03/31/23 07:00	03/31/23 14:52	1330-20-7	
m&p-Xylene	**<27.1**	ug/kg	129	27.1	1	03/31/23 07:00	03/31/23 14:52	179601-23-1	
o-Xylene	**<19.3**	ug/kg	64.3	19.3	1	03/31/23 07:00	03/31/23 14:52	95-47-6	
Surrogates									
Toluene-d8 (S)	114	%	69-153		1	03/31/23 07:00	03/31/23 14:52	2037-26-5	
4-Bromofluorobenzene (S)	136	%	68-156		1	03/31/23 07:00	03/31/23 14:52	460-00-4	
1,2-Dichlorobenzene-d4 (S)	140	%	71-161		1	03/31/23 07:00	03/31/23 14:52	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.5**	%	0.10	0.10	1		03/30/23 14:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-15 (1-3) **Lab ID: 40260032029** Collected: 03/29/23 11:08 Received: 03/30/23 10:55 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								
Benzene	**<15.1**	ug/kg	25.4	15.1	1	03/31/23 07:00	03/31/23 15:12	71-43-2	
Ethylbenzene	**<15.1**	ug/kg	63.6	15.1	1	03/31/23 07:00	03/31/23 15:12	100-41-4	
Naphthalene	**32.0J**	ug/kg	318	19.8	1	03/31/23 07:00	03/31/23 15:12	91-20-3	
Toluene	**30.9J**	ug/kg	63.6	16.0	1	03/31/23 07:00	03/31/23 15:12	108-88-3	
Xylene (Total)	**70.3J**	ug/kg	191	45.9	1	03/31/23 07:00	03/31/23 15:12	1330-20-7	
m&p-Xylene	**42.4J**	ug/kg	127	26.8	1	03/31/23 07:00	03/31/23 15:12	179601-23-1	
o-Xylene	**27.9J**	ug/kg	63.6	19.1	1	03/31/23 07:00	03/31/23 15:12	95-47-6	
Surrogates									
Toluene-d8 (S)	130	%	69-153		1	03/31/23 07:00	03/31/23 15:12	2037-26-5	
4-Bromofluorobenzene (S)	148	%	68-156		1	03/31/23 07:00	03/31/23 15:12	460-00-4	
1,2-Dichlorobenzene-d4 (S)	141	%	71-161		1	03/31/23 07:00	03/31/23 15:12	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.9**	%	0.10	0.10	1		03/30/23 14:40		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 1690023383
Pace Project No.: 40260032

Sample: DB-15 (3-5) **Lab ID: 40260032030** Collected: 03/29/23 11:10 Received: 03/30/23 10:55 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								
Benzene	**<13.4**	ug/kg	22.5	13.4	1	03/31/23 07:00	03/31/23 15:32	71-43-2	
Ethylbenzene	**<13.4**	ug/kg	56.2	13.4	1	03/31/23 07:00	03/31/23 15:32	100-41-4	
Naphthalene	**<17.5**	ug/kg	281	17.5	1	03/31/23 07:00	03/31/23 15:32	91-20-3	
Toluene	**<14.2**	ug/kg	56.2	14.2	1	03/31/23 07:00	03/31/23 15:32	108-88-3	
Xylene (Total)	**<40.5**	ug/kg	168	40.5	1	03/31/23 07:00	03/31/23 15:32	1330-20-7	
m&p-Xylene	**<23.7**	ug/kg	112	23.7	1	03/31/23 07:00	03/31/23 15:32	179601-23-1	
o-Xylene	**<16.8**	ug/kg	56.2	16.8	1	03/31/23 07:00	03/31/23 15:32	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	69-153		1	03/31/23 07:00	03/31/23 15:32	2037-26-5	
4-Bromofluorobenzene (S)	142	%	68-156		1	03/31/23 07:00	03/31/23 15:32	460-00-4	
1,2-Dichlorobenzene-d4 (S)	143	%	71-161		1	03/31/23 07:00	03/31/23 15:32	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**5.8**	%	0.10	0.10	1		03/30/23 14:40		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383
Pace Project No.: 40260032

QC Batch: 441267
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: 40260032025, 40260032026, 40260032027, 40260032028, 40260032029, 40260032030

METHOD BLANK: 2533618 Matrix: Solid
Associated Lab Samples: 40260032025, 40260032026, 40260032027, 40260032028, 40260032029, 40260032030

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	03/31/23 08:49	
Ethylbenzene	ug/kg	<11.9	50.0	03/31/23 08:49	
m&p-Xylene	ug/kg	<21.1	100	03/31/23 08:49	
Naphthalene	ug/kg	<15.6	250	03/31/23 08:49	
o-Xylene	ug/kg	<15.0	50.0	03/31/23 08:49	
Toluene	ug/kg	<12.6	50.0	03/31/23 08:49	
Xylene (Total)	ug/kg	<36.1	150	03/31/23 08:49	
1,2-Dichlorobenzene-d4 (S)	%	107	71-161	03/31/23 08:49	
4-Bromofluorobenzene (S)	%	103	68-156	03/31/23 08:49	
Toluene-d8 (S)	%	101	69-153	03/31/23 08:49	

LABORATORY CONTROL SAMPLE: 2533619

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2430	97	70-130	
Ethylbenzene	ug/kg	2500	2390	95	80-120	
m&p-Xylene	ug/kg	5000	4950	99	70-130	
o-Xylene	ug/kg	2500	2600	104	70-130	
Toluene	ug/kg	2500	2190	87	80-120	
Xylene (Total)	ug/kg	7500	7550	101	70-130	
1,2-Dichlorobenzene-d4 (S)	%			110	71-161	
4-Bromofluorobenzene (S)	%			114	68-156	
Toluene-d8 (S)	%			90	69-153	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383
Pace Project No.: 40260032

QC Batch: 441317
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: 40260032002, 40260032003, 40260032004, 40260032005, 40260032006, 40260032007, 40260032008, 40260032009, 40260032010, 40260032011, 40260032012, 40260032013, 40260032014, 40260032015, 40260032016, 40260032017, 40260032018, 40260032019, 40260032020

METHOD BLANK: 2533997 Matrix: Solid
Associated Lab Samples: 40260032002, 40260032003, 40260032004, 40260032005, 40260032006, 40260032007, 40260032008, 40260032009, 40260032010, 40260032011, 40260032012, 40260032013, 40260032014, 40260032015, 40260032016, 40260032017, 40260032018, 40260032019, 40260032020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	03/31/23 17:28	
Ethylbenzene	ug/kg	<11.9	50.0	03/31/23 17:28	
m&p-Xylene	ug/kg	<21.1	100	03/31/23 17:28	
Naphthalene	ug/kg	<15.6	250	03/31/23 17:28	
o-Xylene	ug/kg	<15.0	50.0	03/31/23 17:28	
Toluene	ug/kg	<12.6	50.0	03/31/23 17:28	
Xylene (Total)	ug/kg	<36.1	150	03/31/23 17:28	
1,2-Dichlorobenzene-d4 (S)	%	100	71-161	03/31/23 17:28	
4-Bromofluorobenzene (S)	%	107	68-156	03/31/23 17:28	
Toluene-d8 (S)	%	103	69-153	03/31/23 17:28	

LABORATORY CONTROL SAMPLE: 2533998

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2570	103	70-130	
Ethylbenzene	ug/kg	2500	2530	101	80-120	
m&p-Xylene	ug/kg	5000	4970	99	70-130	
o-Xylene	ug/kg	2500	2450	98	70-130	
Toluene	ug/kg	2500	2640	105	80-120	
Xylene (Total)	ug/kg	7500	7420	99	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	71-161	
4-Bromofluorobenzene (S)	%			111	68-156	
Toluene-d8 (S)	%			104	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2533999 2534000

Parameter	Units	40260032012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg	<17.5	1470	1470	1390	1390	95	94	70-130	0	20	
Ethylbenzene	ug/kg	<17.5	1470	1470	1380	1410	94	95	80-120	2	20	
m&p-Xylene	ug/kg	<31.1	2940	2940	2790	2760	95	94	70-130	1	20	
o-Xylene	ug/kg	<22.1	1470	1470	1460	1400	99	95	70-130	4	20	
Toluene	ug/kg	<18.6	1470	1470	1420	1440	96	98	79-120	2	20	
Xylene (Total)	ug/kg	<53.2	4420	4420	4240	4160	96	94	70-130	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383
Pace Project No.: 40260032

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2533999 2534000

Parameter	Units	40260032012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene-d4 (S)	%						128	134	71-161			
4-Bromofluorobenzene (S)	%						138	144	68-156			
Toluene-d8 (S)	%						129	135	69-153			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383
Pace Project No.: 40260032

QC Batch: 441438
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: 40260032001

METHOD BLANK: 2534781 Matrix: Solid
Associated Lab Samples: 40260032001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/kg	<11.9	20.0	04/03/23 18:22	
Ethylbenzene	ug/kg	<11.9	50.0	04/03/23 18:22	
m&p-Xylene	ug/kg	<21.1	100	04/03/23 18:22	
Naphthalene	ug/kg	<15.6	250	04/03/23 18:22	
o-Xylene	ug/kg	<15.0	50.0	04/03/23 18:22	
Toluene	ug/kg	<12.6	50.0	04/03/23 18:22	
Xylene (Total)	ug/kg	<36.1	150	04/03/23 18:22	
1,2-Dichlorobenzene-d4 (S)	%	103	71-161	04/03/23 18:22	
4-Bromofluorobenzene (S)	%	109	68-156	04/03/23 18:22	
Toluene-d8 (S)	%	89	69-153	04/03/23 18:22	

LABORATORY CONTROL SAMPLE: 2534782

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2400	96	70-130	
Ethylbenzene	ug/kg	2500	2580	103	80-120	
m&p-Xylene	ug/kg	5000	4940	99	70-130	
o-Xylene	ug/kg	2500	2620	105	70-130	
Toluene	ug/kg	2500	2610	104	80-120	
Xylene (Total)	ug/kg	7500	7570	101	70-130	
1,2-Dichlorobenzene-d4 (S)	%			107	71-161	
4-Bromofluorobenzene (S)	%			107	68-156	
Toluene-d8 (S)	%			97	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2534783 2534784

Parameter	Units	40260032038 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/kg				993	985				1	20	
Ethylbenzene	ug/kg				1020	991				3	20	
m&p-Xylene	ug/kg				1970	1950				1	20	
o-Xylene	ug/kg				1050	1060				1	20	
Toluene	ug/kg				1030	1070				4	20	
Xylene (Total)	ug/kg				3020	3010				0	20	
1,2-Dichlorobenzene-d4 (S)	%						143	147	71-161			
4-Bromofluorobenzene (S)	%						148	165	68-156			S0
Toluene-d8 (S)	%						124	128	69-153			

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383
Pace Project No.: 40260032

QC Batch: 441205
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: 40260032025, 40260032026, 40260032027, 40260032028, 40260032029, 40260032030

SAMPLE DUPLICATE: 2533285

Parameter	Units	40260032026 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	14.4	13.8	4	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383
Pace Project No.: 40260032

QC Batch: 441370
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: 40260032001, 40260032002, 40260032003

SAMPLE DUPLICATE: 2534588

Parameter	Units	40260072001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	6.1	5.9	4	10	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 1690023383
Pace Project No.: 40260032

QC Batch: 441381
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: 40260032004, 40260032005, 40260032006, 40260032007, 40260032008, 40260032009, 40260032010, 40260032011, 40260032012, 40260032013, 40260032014, 40260032015, 40260032016, 40260032017, 40260032018, 40260032019, 40260032020

SAMPLE DUPLICATE: 2534612

Parameter	Units	40260066006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	25.9	26.2	1	10	

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REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: 1690023383
Pace Project No.: 40260032

DEFINITIONS

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

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 40260032

[1] Revised report to remove dry weight results from samples that did not need to be analyzed. SVM 4/11/2023

ANALYTE QUALIFIERS

S0 Surrogate recovery outside laboratory 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
Pace Project No.: 40260032

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40260032001	DB-1 (1-3)	EPA 5035/5030B	441438	EPA 8260	441441
40260032002	DB-1 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032003	DB-2 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032004	DB-2 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032005	DB-3 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032006	DB-3 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032007	DB-4 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032008	DB-4 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032009	DB-5 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032010	DB-5 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032011	DB-6 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032012	DB-6 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032013	DB-7 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032014	DB-7 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032015	DB-8 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032016	DB-8 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032017	DB-9 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032018	DB-9 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032019	DB-10 (1-3)	EPA 5035/5030B	441317	EPA 8260	441320
40260032020	DB-10 (3-5)	EPA 5035/5030B	441317	EPA 8260	441320
40260032025	DB-13 (1-3)	EPA 5035/5030B	441267	EPA 8260	441279
40260032026	DB-13 (3-5)	EPA 5035/5030B	441267	EPA 8260	441279
40260032027	DB-14 (1-3)	EPA 5035/5030B	441267	EPA 8260	441279
40260032028	DB-14 (3-5)	EPA 5035/5030B	441267	EPA 8260	441279
40260032029	DB-15 (1-3)	EPA 5035/5030B	441267	EPA 8260	441279
40260032030	DB-15 (3-5)	EPA 5035/5030B	441267	EPA 8260	441279
40260032001	DB-1 (1-3)	ASTM D2974-87	441370		
40260032002	DB-1 (3-5)	ASTM D2974-87	441370		
40260032003	DB-2 (1-3)	ASTM D2974-87	441370		
40260032004	DB-2 (3-5)	ASTM D2974-87	441381		
40260032005	DB-3 (1-3)	ASTM D2974-87	441381		
40260032006	DB-3 (3-5)	ASTM D2974-87	441381		
40260032007	DB-4 (1-3)	ASTM D2974-87	441381		
40260032008	DB-4 (3-5)	ASTM D2974-87	441381		
40260032009	DB-5 (1-3)	ASTM D2974-87	441381		
40260032010	DB-5 (3-5)	ASTM D2974-87	441381		
40260032011	DB-6 (1-3)	ASTM D2974-87	441381		
40260032012	DB-6 (3-5)	ASTM D2974-87	441381		
40260032013	DB-7 (1-3)	ASTM D2974-87	441381		
40260032014	DB-7 (3-5)	ASTM D2974-87	441381		
40260032015	DB-8 (1-3)	ASTM D2974-87	441381		
40260032016	DB-8 (3-5)	ASTM D2974-87	441381		
40260032017	DB-9 (1-3)	ASTM D2974-87	441381		
40260032018	DB-9 (3-5)	ASTM D2974-87	441381		
40260032019	DB-10 (1-3)	ASTM D2974-87	441381		
40260032020	DB-10 (3-5)	ASTM D2974-87	441381		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1690023383
Pace Project No.: 40260032

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40260032025	**DB-13 (1-3)**	ASTM D2974-87	441205		
40260032026	**DB-13 (3-5)**	ASTM D2974-87	441205		
40260032027	**DB-14 (1-3)**	ASTM D2974-87	441205		
40260032028	**DB-14 (3-5)**	ASTM D2974-87	441205		
40260032029	**DB-15 (1-3)**	ASTM D2974-87	441205		
40260032030	**DB-15 (3-5)**	ASTM D2974-87	441205		

CHAIN-OF-CUSTODY Analytical Request Document

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

40260032

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA ST	
Report To: RMAZURKIEWICZ@RAMBOLL.COM	Email To:
Copy To: DGLASFORD@RAMBOLL.COM	Site Collection Info/Address:
Customer Project Name/Number: 1690023383	State: WI County/City: MILWAUKEE Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): D. GLASFORD	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type ** | Lab Project Manager:

6

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

Analyses

BTEX + NAPHTHALENE

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y	N	NA
Custody Signatures Present	Y	N	NA
Collector Signature Present	Y	N	NA
Bottles Intact	Y	N	NA
Correct Bottles	Y	N	NA
Sufficient Volume	Y	N	NA
Samples Received on Ice	Y	N	NA
VOA - Headspace Acceptable	Y	N	NA
USDA Regulated Soils	Y	N	NA
Samples in Holding Time	Y	N	NA
Residual Chlorine Present	Y	N	NA
Cl Strips:			
Sample pH Acceptable	Y	N	NA
pH Strips:			
Sulfide Present	Y	N	NA
Lead Acetate Strips:			

LAB USE ONLY:
Lab Sample # / Comments:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns		Lab Sample # / Comments
DB-1 (1-3)	SL	G	3-29-23	818				3	X	001
DB-1 (3-5)				820					X	002
DB-2 (1-3)				827					X	003
DB-2 (3-5)				830					X	004
DB-3 (1-3)				835					X	005 EXTRACT + HOLD
DB-3 (3-5)				837					X	006
DB-4 (1-3)				840					X	007
DB-4 (3-5)				842					X	008
DB-5 (1-3)				900					X	009
DB-5 (3-5)				902					X	010

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 0

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2824639

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RAMBOLL	3-29-23 1500	CS LOGISTICS	
CS LOGISTICS	3/30/23 1055		3/30/23 1055

MTJL LAB USE ONLY
Table #:
Acctnum:
Template: 1
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40260032

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA ST	
Report To:	Email To:
Copy To: SEE Pg 1	Site Collection Info/Address:
Customer Project Name/Number: 1690027383	State: WI / County/City: MILWAUKEE / Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: / Email:	Site/Facility ID #: / Purchase Order #: / Quote #: / Turnaround Date Required: STD / Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
Collected By (print): D. GLASFORD	DW PWS ID #: / DW Location Code:
Collected By (signature):	Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: _____ [ ] Hold: _____	Compliance Monitoring? [ ] Yes [ ] No / Field Filtered (if applicable): [ ] Yes [X] No / Analysis: _____

Container Preservative Type **: 6

Lab Project Manager:

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

Analyses: BTEX + NAPHTHALENE

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips: _____	
Sample pH Acceptable	Y N NA
pH Strips: _____	
Sulfide Present	Y N NA
Lead Acetate Strips: _____	

LAB USE ONLY:
Lab Sample # / Comments:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
DB-6 (1-3)	SL	G	3.29.23	910				3	011
DB-6 (3-5)				912					012
DB-7 (1-3)				917					013
DB-7 (3-5)				920					014
DB-8 (1-3)				935					015
DB-8 (3-5)				937					016
DB-9 (1-3)				945					017
DB-9 (3-5)				947					018
DB-10 (1-3)				1002					019
DB-10 (3-5)				1005					020

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (V)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2824635

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#: _____
Cooler 1 Temp Upon Receipt: _____oC
Cooler 1 Therm Corr. Factor: _____oC
Cooler 1 Corrected Temp: _____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RAMBOLL	3.29.23 1500	CS LOGISTICS	
CS LOGISTICS	3/30/23 1055		3/30/23 1055

MTJL LAB USE ONLY
Table #:
Acctnum:
Template: (V)
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40260032

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA ST	
Report To:	Email To:
Copy To: SEE PG 1	Site Collection Info/Address:
Customer Project Name/Number: 1690023383	State: WI / MILWAUKEE County/City: Time Zone Collected: [ ]PT [ ]MT [X]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): D. GLASFORD	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply)
	Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type **: 0

Lab Project Manager:

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

Analyses: BTEX + NAPHTHALENE

Lab Profile/Line:

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Lab Sample # / Comments
DB-11 (1-3)	SL	G	3.29.23	1017				3	021 EXTRACT + HOLD
DB-11 (3-5)				1020					022
DB-12 (1-3)				1025					023
DB-12 (3-5)				1028					024
DB-13 (1-3)				1050					025
DB-13 (3-5)				1052					026
DB-14 (1-3)				1058					027
DB-14 (3-5)				1100					028
DB-15 (1-3)				1108					029
DB-15 (3-5)				1110					030

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: 0

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2824636

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: oC
Cooler 1 Therm Corr. Factor: oC
Cooler 1 Corrected Temp: oC
Comments:

Relinquished by/Company: (Signature) RAMBOLL	Date/Time: 3.29.23 1500	Received by/Company: (Signature) CS LOGISTICS	Date/Time:	MTJL LAB USE ONLY
Relinquished by/Company: (Signature) CS LOGISTICS	Date/Time: 3/30/23 1055	Received by/Company: (Signature)	Date/Time: 3/30/23 1055	Table #: 0
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Acctnum: Template: Prelogin: PM: PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

CHAIN-OF-CUSTODY Analytical Request Document

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LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40260032

ALL SHADED AREAS are for LAB USE ONLY

Company: RAMBOLL	Billing Information:
Address: 234 W FLORIDA ST	
Report To:	Email To:
Copy To: SEE PG 1	Site Collection Info/Address:
Customer Project Name/Number: 1690023383	State: WI / MILWAUKEE County/City: Time Zone Collected: [ ]PT [ ]MT [X]CT [ ]ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): D. GLASFORD	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: STD Immediately Packed on Ice: [X] Yes [ ] No
Sample Disposal: [ ] Dispose as appropriate [ ] Return [ ] Archive: [ ] Hold:	Rush: [ ] Same Day [ ] Next Day [ ] 2 Day [ ] 3 Day [ ] 4 Day [ ] 5 Day (Expedite Charges Apply) Field Filtered (if applicable): [ ] Yes [X] No Analysis:

Container Preservative Type **: 6

Lab Project Manager:

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

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

Customer Sample ID	Matrix *	Comp / Grab	Collected (or Composite Start) Date	Collected (or Composite Start) Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	Analyses: BTEX + NAPHTHALENE	Lab Profile/Line
DB-16 (1-3)	SL	G	3-29-23	1118				3	X	032
DB-16 (3-5)				1120					X	033
DB-17 (1-3)				1130					X	034
DB-17 (3-5)				1132					X	035
DB-18 (1-3)				1138					X	036
DB-18 (3-5)				1140					X	037
DB-19 (1-3)				1145					X	038
DB-19 (3-5)				1148						

Lab Profile/Line: EXTRACT + HOLD 031

Lab Sample Receipt Checklist:

Custody Seals Present/Intact	Y N NA
Custody Signatures Present	Y N NA
Collector Signature Present	Y N NA
Bottles Intact	Y N NA
Correct Bottles	Y N NA
Sufficient Volume	Y N NA
Samples Received on Ice	Y N NA
VOA - Headspace Acceptable	Y N NA
USDA Regulated Soils	Y N NA
Samples in Holding Time	Y N NA
Residual Chlorine Present	Y N NA
Cl Strips:	
Sample pH Acceptable	Y N NA
pH Strips:	
Sulfide Present	Y N NA
Lead Acetate Strips:	

LAB USE ONLY:
Lab Sample # / Comments:

Customer Remarks / Special Conditions / Possible Hazards:

Type of Ice Used: Wet Blue Dry None

Packing Material Used: (1)

Radchem sample(s) screened (<500 cpm): Y N NA

SHORT HOLDS PRESENT (<72 hours): Y N N/A

Lab Tracking #: 2824637

Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
Temp Blank Received: Y N NA
Therm ID#:
Cooler 1 Temp Upon Receipt: ____oC
Cooler 1 Therm Corr. Factor: ____oC
Cooler 1 Corrected Temp: ____oC
Comments:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
RAMBOLL	3-29-23 1500	CS LOGISTICS	
CS LOGISTICS	3/30/23 1055		3/30/23 1058

MTJL LAB USE ONLY
Table #:
Acctnum:
Template: (1)
Prelogin:
PM:
PB:

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Client Name: Ram boll

Sample Preservation Receipt Form

Project # 41626032

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

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

Pace Lab #	Glass: 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																																		2.5 / 5
002																																		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																																		2.5 / 5

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	
						GN 2	

Client Name: Ramboll

Sample Preservation Receipt Form Project #: 10260032

	Glass							Plastic						Vials						Jars				General							
Pace Lab #	AG1U	BG1U	AG1H	AG4S	AG5U	AG2S	BG3U	BP1U	BP3U	BP3B	BP3N	BP3S	BP2Z	VG9C	DG9T	VG9U	VG9H	VG9M	VG9D	JGFU	JG9U	WGFU	WPFU	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)
021																																		2.5 / 5
022																																		2.5 / 5
023																																		2.5 / 5
024																																		2.5 / 5
025																																		2.5 / 5
026																																		2.5 / 5
027																																		2.5 / 5
028																																		2.5 / 5
029																																		2.5 / 5
030																																		2.5 / 5
031																																		2.5 / 5
032																																		2.5 / 5
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035																																		2.5 / 5
036																																		2.5 / 5
037																																		2.5 / 5
038																																		2.5 / 5
039																																		2.5 / 5
040																																		2.5 / 5
041																																		2.5 / 5
042																																		2.5 / 5
043																																		2.5 / 5
044																																		2.5 / 5
045																																		2.5 / 5
046																																		2.5 / 5
047																																		2.5 / 5
048																																		2.5 / 5

3/30/23 SG

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO#: 40260032

40260032

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 - 9 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.0 /Corr: 1.0

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: 3/30/23 /Initials: SG

Labeled By Initials: SW

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:	☐Yes ☑No ☐N/A	12. Vials no timestamp dates
-Includes date/time/ID/Analysis Matrix: S		3/30/23 SG
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