From: Adam Tegen <ategen@manitowoc.org>
Sent: Thursday, September 29, 2022 2:46 PM
To: Beggs, Tauren R - DNR; Cull, Whitney; Byers, Harris
Cc: Coogan, Thomas J - DNR
Subject: RE: External: River Point Turntable: Wisconsin Assessment Monies (WAM) Assessment/Investigation Results

Thanks Tauren,

I will work with Harris and Whitney to get answers back to you.

Adam

From: Beggs, Tauren R - DNR <Tauren.Beggs@wisconsin.gov>
Sent: Monday, September 26, 2022 2:23 PM
To: Adam Tegen <ategen@manitowoc.org>; Cull, Whitney <Whitney.Cull@stantec.com>; Byers, Harris <Harris.Byers@stantec.com>
Cc: Coogan, Thomas J - DNR <Thomas.Coogan@wisconsin.gov>
Subject: External: River Point Turntable: Wisconsin Assessment Monies (WAM) Assessment/Investigation Results

Hi Adam, Harris, and Whitney,

Attached is the data package of the assessment/investigation work done under the WAM grant for the River Point Turntable site. My understanding from correspondence on April 15, 2022, is Stantec is going to incorporate this data from the WAM work with the data already collected by Stantec to generate and submit a report to DNR. Is this still the plan?

A couple other questions/comments:

- Fill out a new hazardous substance discharge form for the new contamination found on-site, which was not previously identified from the closed case. Remember to check the box that the city indicates they have the LGU exemption. Then I can get a new BRRTS # established which you can then reference in the report you generate.
- Are you still planning to submit a VPLE application concurrently with this upcoming report submittal and will that still be including a supplement to the Phase I ESA focusing on the specific Lot 3?
- AECOM identified layers of foundry sand in their borings logs for the WAM work. Is that also what you have been seeing in the field during Stantec's work on the River Point site? If so, that may mean historic fill exemption/approval processes would be needed moving forward with future developments.

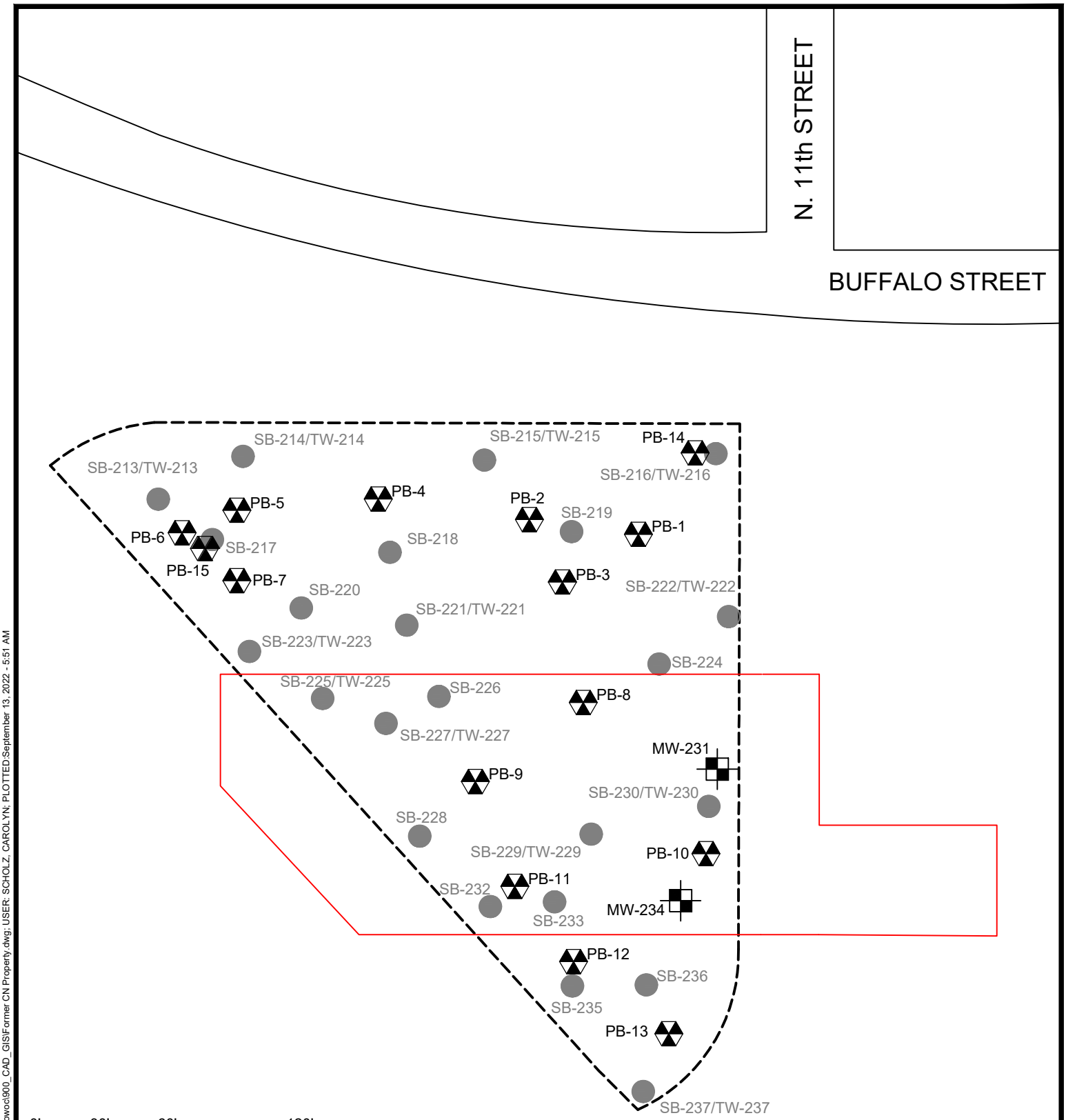
If you have any questions, please let me know.

Regards,

Tauren R. Beggs
Hydrogeologist & Northeast Region Land Recycling Expert
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2984 Shawano Ave
Green Bay, WI 54313
Phone: (920) 510-3472
Tauren.Beggs@wisconsin.gov (preferred contact method during work at home)

dnr.wi.gov

Be Alert !



AECOM
Milwaukee Office
1555 RiverCenter Dr
Milwaukee, WI
414.944.6080

Former CN Property Limited SI Report
Northwest Corner of N11th Street and York Street
Manitowoc, WI

SAMPLE LOCATIONS

Project Number:	Drawn By:	Date:	Figure No. 1
60679770	CAS	5/2/2022	

File: L:\DCS\Projects\ENV\60679770_RiverPoint-Manitowoc\900_CAD_GIS\Former CN Property.dwg; USER: SCHOLZ, CAROLYN; PLOTTED:September 13, 2022 - 5:51 AM

Analyte	NR720 Non-Industrial DC RCLs	NR720 Industrial DC RCLs	NR720 GW RCLs	Background Threshold Value	PB-1 (1'-2')	PB-1 (3'-4')	PB-2 (1'-2')	PB-2 (3'-4')	PB-3 (1'-2')	PB-3 (4'-5')	PB-4 (1'-2')	PB-4 (2'-3')	PB-5 (1'-2')	PB-5 (3'-4')	PB-6 (1'-2')	PB-6 (2'-3')	PB-7 (1'-2')	PB-7 (3'-4')
					8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022
6010D MET ICP (mg/kg)																		
Arsenic	0.68	3	0.58	8	1.8 J	<15.9	3.5	1.9 J	1.6 J	1.8 J	<1.6	87.9	6.4	2.1 J	16.2	11.3	<1.6	<1.8
Barium	15300	100000	165	364	53.1	53.4	44	19.6	23.2	33.4	24.1	23.9	36.6	22.9	92.6	110	24.6	30.5
Cadmium	71.1	985	0.75	1	0.58	<1.4	1	<0.14	<0.14	0.25 J	<0.14	<1.8	0.17 J	<0.16	0.40 J	0.58	0.69	0.16 J
Chromium	--	--	360000	44	11.4	10.9	24.1	7.2	7.9	11.8	5.1	20.1	8.2	15.6	24.7	10.7	9.4	14.4
Lead	400	800	27	52	270	24500	49.4	15.2	26.1	11.1	14.2	23.8 J	45	4.9	318	162	50.9	4.3
Selenium	391	5110	0.52	--	<1.4	<14.2	<1.4	<1.4	<1.4	<1.5	<1.4	<17.8	<1.5	<1.5	3.0 J	2.2 J	<1.4	<1.6
Silver	391	5110	0.85	--	<0.34	<3.3	<0.32	<0.32	<0.32	<0.35	<0.33	<4.2	<0.34	<0.36	0.48 J	0.36 J	<0.33	<0.37
7471 Mercury (mg/kg)																		
Mercury	3.1	3.1	0.21	--	0.12	0.093	0.024 J	0.029 J	0.031 J	0.019 J	0.021 J	0.093	0.046	0.015 J	0.12	0.043	0.15	<0.011
8082A GCS PCB (mg/kg)																		
PCB-1016 (Aroclor 1016)	4.1	21.2	--	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	<0.0164	<0.0181	<0.0168	<0.0187
PCB-1221 (Aroclor 1221)	0.21	0.59	--	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	<0.0164	<0.0181	<0.0168	<0.0187
PCB-1232 (Aroclor 1232)	0.19	0.59	--	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	<0.0164	<0.0181	<0.0168	<0.0187
PCB-1242 (Aroclor 1242)	0.24	0.74	--	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	<0.0164	<0.0181	<0.0168	<0.0187
PCB-1248 (Aroclor 1248)	0.24	0.74	--	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	<0.0164	<0.0181	<0.0168	<0.0187
PCB-1254 (Aroclor 1254)	0.24	0.74	--	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	<0.0164	<0.0181	<0.0168	<0.0187
PCB-1260 (Aroclor 1260)	0.24	0.74	--	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	0.0190 J	<0.0181	<0.0168	<0.0187
PCB, Total	0.23	0.74	0.0094	--	NA	NA	NA	NA	NA	NA	NA	NA	<0.0171	<0.0187	0.0190 J	<0.0181	<0.0168	<0.0187
8260 MSV Med Level Normal List (mg/kg)																		
Benzene	1.6	7.1	0.0052	--	<0.0143	<0.0146	<0.0304	<0.0160	<0.0138	<0.0171	0.0242	<0.0211	NA	NA	NA	NA	NA	NA
Bromobenzene	342	679	--	--	<0.0235	<0.0239	<0.0498	<0.0262	<0.0226	<0.0281	<0.0231	<0.0346	NA	NA	NA	NA	NA	NA
Bromochloromethane	216	906	--	--	<0.0165	<0.0168	<0.0350	<0.0184	<0.0159	<0.0197	<0.0163	<0.0243	NA	NA	NA	NA	NA	NA
Bromodichloromethane	0.42	1.8	0.0004	--	<0.0143	<0.0146	<0.0304	<0.0160	<0.0138	<0.0171	<0.0141	<0.0211	NA	NA	NA	NA	NA	NA
Bromoform	25.4	113	0.0024	--	<0.265	<0.270	<0.561	<0.296	<0.255	<0.317	<0.261	<0.391	NA	NA	NA	NA	NA	NA
Bromomethane	9.6	43	0.005	--	<0.0845	<0.0860	<0.179	<0.0943	<0.0812	<0.101	<0.0832	<0.124	NA	NA	NA	NA	NA	NA
n-Butylbenzene	108	108	--	--	<0.0276	<0.0281	<0.0584	<0.0308	<0.0265	<0.0330	<0.0272	<0.0407	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	145	145	--	--	<0.0147	<0.0150	<0.0311	<0.0164	<0.0141	<0.0176	<0.0145	<0.0217	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	183	183	--	--	<0.0189	<0.0193	<0.0401	<0.0211	<0.0182	<0.0226	<0.0186	<0.0279	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	0.92	4	0.0038	--	<0.0133	<0.0135	<0.0281	<0.0148	<0.0127	<0.0158	<0.0130	<0.0195	NA	NA	NA	NA	NA	NA
Chlorobenzene	370	761	0.14	--	<0.0072	<0.0073	<0.0153	<0.0081	<0.0069	<0.0086	<0.0071	<0.0106	NA	NA	NA	NA	NA	NA
Chloroethane	2120	2120	0.23	--	<0.0254	<0.0259	<0.0538	<0.0284	<0.0244	<0.0304	<0.0250	<0.0375	NA	NA	NA	NA	NA	NA
Chloroform	0.45	2	0.0034	--	<0.0432	<0.0439	<0.0914	<0.0481	<0.0415	<0.0515	<0.0425	<0.0636	NA	NA	NA	NA	NA	NA
Chloromethane	159	669	0.016	--	<0.0229	<0.0233	<0.0485	<0.0256	<0.0220	<0.0273	<0.0225	<0.0337	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	907	907	--	--	<0.0195	<0.0199	<0.0413	<0.0218	<0.0188	<0.0233	<0.0192	<0.0288	NA	NA	NA	NA	NA	NA
4-Chlorotoluene	253	253	--	--	<0.0229	<0.0233	<0.0485	<0.0256	<0.0220	<0.0273	<0.0225	<0.0337	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.008	0.092	0.0002	--	<0.0468	<0.0476	<0.0990	<0.0522	<0.0449	<0.0558	<0.0460	<0.0689	NA	NA	NA	NA	NA	NA
Dibromochloromethane	8.3	38.9	0.032	--	<0.206	<0.210	<0.436	<0.230	<0.198	<0.246	<0.203	<0.303	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane (EDB)	0.05	--	0.000028	--	<0.0165	<0.0168	<0.0350	<0.0184	<0.0159	<0.0197	<0.0163	<0.0243	NA	NA	NA	NA	NA	NA
Dibromomethane	34	143	--	--	<0.0178	<0.0182	<0.0378	<0.0199	<0.0171	<0.0213	<0.0176	<0.0263	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	376	376	1.2	--	<0.0187	<0.0190	<0.0396	<0.0208	<0.0180	<0.0223	<0.0184	<0.0275	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	297	297	1.2	--	<0.0165	<0.0168	<0.0350	<0.0184	<0.0159	<0.0197	<0.0163	<0.0243	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	3.7	--	0.14	--	<0.0165	<0.0168	<0.0350	<0.0184	<0.0159	<0.0197	<0.0163	<0.0243	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	126	530	3.1	--	<0.0259	<0.0264	<0.0549	<0.0289	<0.0249	<0.0309	<0.0255	<0.0382	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	5.1	22.2	0.48	--	<0.0154	<0.0157	<0.0327	<0.0172	<0.0148	<0.0184	<0.0152	<0.0227	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	0.65	2.9	0.0028	--	<0.0139	<0.0141	<0.0293	<0.0155	<0.0133	<0.0166	<0.0136	<0.0204	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	320	--	0.005	--	<0.0200	<0.0204	<0.0424	<0.0223	<0.0192	<0.0239	<0.0197	<0.0295	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	156	2340	0.041	--	<0.0129	<0.0131	<0.0273	<0.0144	<0.0124	<0.0154	<0.0127	<0.0190	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	1560	976	0.063	--	<0.0130	<0.0132	<0.0276	<0.0145	<0.0125	<0.0155	<0.0128	<0.0192	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	3.4	15	0.0033	--	<0.0143	<0.0146	<0.0304	<0.0160	<0.0138	<0.0171	<0.0141	<0.0211	NA	NA	NA	NA	NA	NA
1,3-Dichloropropane	1490	1490	--	--	<0.0131	<0.0134	<0.0278	<0.0147	<0.0126	<0.0157	<0.0129	<0.0193	NA	NA	NA	NA	NA	NA
2,2-Dichloropropane	527	191	--	--	<0.0163	<0.0166	<0.0344	<0.0182	<0.0156	<0.0194	<0.0160	<0.0240	NA	NA	NA	NA	NA	NA
1,1-Dichloropropene	--	--	--	--	<0.0195	<0.0199	<0.0413	<0.0218	<0.0188	<0.0233	<0.0192	<0.0288	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	1220	1210	--	--	<0.0398	<0.0405	<0.0842	<0.0444	<0.0382	<0.0475	<0.0391	<0.0586	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	1570	1570	--	--	<0.172	<0.175	<0.365	<0.192	<0.166	<0.206	<0.170	<0.254	NA	NA	NA	NA	NA	NA
Diisopropyl ether	2260	2260	--	--	<0.0150	<0.0152	<0.0316	<0.0167	<0.0144	<0.0178	<0.0147	<0.0220	NA	NA	NA	NA	NA	NA
Ethylbenzene	8	35.4	1.6	--	<0.0143	0.0592 J	<0.0304	<0.0160	<0.0138	<0.0171	0.0388 J	<0.0211	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	1.6	7.2	--	--	<0.120	<0.122	<0.254	<0.134	<0.115	<0.143	<0.118	<0.176	NA	NA	NA	NA	NA	NA
Isopropylbenzene (Cumene)	268	268	--	--	<0.0163	0.0393 J	<0.0344	<0.0182	<0.0156	<0.0194	0.0188 J	<0.0240	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	162	162	--	--	<0.0183	<0.0186	<0.0388	<0.0204	<0.0176	<0.0219	<0.0180	<0.0270	NA	NA	NA	NA	NA	NA
Methylene Chloride	61.8	1150	0.0026	--	<0.0168	<0.0170	<0.0355	<0.0187	<0.0161	<0.0200	<0.0165	<0.0247	NA	NA	NA	NA	NA	NA
Methyl-tert-butyl ether	63.8	282	0.027	--	<0.0177	<0.0180	<0.0375	<0.0198	<0.0170	<0.0212	<0.0174	<0.0261	NA	NA	NA	NA	NA	NA
Naphthalene	5.5	24.1	0.66	--	0.0387 J	0.372	<0.0398	<0.0210	<0.0181	<0.0225	0.101 J	<0.0277	NA	NA	NA	NA	NA	NA
n-Propylbenzene	264	264	--	--	<0.0145	0.0501 J	<0.0306	<0.0161	<0.0139	<0.0173	0.0272 J	<0.0213	NA	NA	NA	NA	NA	NA
Styrene	867	867	0.22	--	<0.0154	<0.0157	<0.0327	<0.0172	<0.0148	<0.0184	<0.0152	<0.0227	NA	NA	NA	NA	NA	NA
1,1,1,2-Tetrachloroethane	2.8	12.3	0.053	--	<0.0145	<0.0147	<0.0306	<0.0161	<0.0139	<0.0173	<0.0142	<0.0213	NA	NA	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	0.81	3.6	0.0002	--	<0.0218	<0.0222	<0.0462	<0.0243	<0.0210	<0.0260	<0.0215	<0.0321	NA	NA	NA	NA	NA	NA
Tetrachloroethene	33	153	0.0046	--	<0.0234	<0.0238	<0.0495	<0.0261	<0.0225	<0.0279	<0.0230	<0.0344	NA	NA	NA	NA	NA	NA
Toluene	818	818	1.1	--	0.0177 J	0.0915	<0.0322	<0.0169	<0.0146	<0.0181	0.141	<0.0224	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	62.6	934	--	--	<0.0672	<0.0683	<0.142	<0.0749	<0.0645	<0.0802	<0.0661	<0.0989	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	24	113	0.41	--	<0.0497	<0.0505	<0.105	<0.0554	<0.0477	<0.0593	<0.0489	<0.0731	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	640	640	0.14	--	<0.0154	<0.0157	<0.0327	<0.0172	<0.0148	<0.0184	<0.0152	<0.0227	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	1.6	7	0.0032	--	<0.0219	<0.0223	<0.0464	<0.0245	<0.0211	<0.0262	<0.0216	<0.0323	NA	NA	NA	NA	NA	NA
Trichloroethene	1.3	8.8	0.0036	--	<0.0225	<0.0229	<0.0477	<0.0252	<0.0217	<0.0269	<0.0222	<0.0332	NA	NA	NA	NA	NA	NA
Trichlorofluoromethane	1120	1230	4.5	--	<0.0175	<0.0178	<0.0370	<0.0195	<0.0168	<0.0209	<0.0172	<0.0257	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	0.005	0.11	0.052	--	<0.0293	<0.0298	<0.0620	<0.0327	<0.0281	<0.0350	<0.0288	<0.0431	NA	NA	NA	NA	NA	NA
1,2,4-Trimethylbenzene	219	219	1.4	--	<0.0180	0.126	<0.0380	<0.0200	<0.0173	<0.0214	0.0325 J	<0.0265	NA	NA	NA	NA	NA	NA
1,3,5-Trimethylbenzene	182	182	1.4	--	<0.0194	0.0686	<0.0411	<0.0217	<0.0186	<0.0232	<0.0191	<0.0286	NA	NA	NA	NA	NA	NA
Vinyl chloride	0.067	2	0.00014	--	<0.0122	<0.0124	<0.0258	<0.0136	<0.0117	<0.0145	<0.0120	<0.0179	NA	NA	NA	NA	NA	NA
Xylene (Total)	260	258	4	--	<0.0435	0.211	<0.0921	<0.0486	<0.0418	<0.0520	0.179	<0.0641	NA	NA	NA	NA	NA	NA
m&p-Xylene	778	778	--	--	<0.0254	0.117 J	<0.0538	<0.0284	<0.0244	<0.0304	0.104 J	<0.0375	NA	NA	NA	NA	NA	NA
o-Xylene	434	434	--	--	<0.0181	0.0938	<0.0383	<0.0202	<0.0174	<0.0216	0.0744	<0.0266	NA	NA	NA	NA	NA	NA
8270E MSSV PAH by SIM (mg/kg)																		
Acenaphthene	3590	45200	--	--	0.909	0.196	0.0175 J	0.0958	0.0080 J	0.0066 J	0.0228 J	0.186	0.0526 J	<0.0027	0.0294 J	<0.0103	<0.0024	<0.0027
Acenaphthylene	--	--	--	--	0.598	0.0280 J	<0.0118	0.0181 J	0.0114 J	0.0054 J	0.0533 J	0.0556 J	0.123 J	<0.0026	0.0578 J	0.0576 J	<0.0023	<0.0026
Anthracene	17900	100000	197	--	3.53	0.211	0.0380 J	0.167	0.0229	0.0080 J	0.0467 J	0.352	0.113 J	<0.0026	0.0658 J	0.0431 J	0.0034 J	<0.0025
Benzo(a)anthracene	1.1	20.8	--	--	6.23	0.199	0.11	0.35	0.0526	0.0446	0.124	0.355	0.273 J	<0.0027	0.136	0.0977	0.0080 J	<0.0026
Benzo(a)pyrene	0.12	2.1	0.47	--	6.67	0.195	0.178	0.44	0.0646	0.0561	0.106	0.253	0.119 J	<0.0023	0.0771 J	0.0619 J	0.0078 J	<0.0023
Benzo(b)fluoranthene	1.2	21.1	0.48	--	7.39	0.309	0.251	0.635	0.0876	0.0868	0.153	0.344	0.177 J	<0.0029	0.148	0.186	0.0097 J	<0.0028
Benzo(g,h,i)perylene	--	--	--	--	4.2	0.0967	0.102	0.277	0.045	0.0368	0.0478 J	0.143	<0.0658	<0.0036	0.0346 J	0.0641 J	0.0045 J	<0.0036
Benzo(k)fluoranthene	11.5	211	--	--	3.16	0.0965	0.129	0.258	0.0285	0.0308	0.0490 J	0.14	0.0639 J	<0.0026	0.0454 J	0.0582 J	0.0046 J	<0.0026
Chrysene	115	2110	0.14	--	6.81	0.248	0.229	0.567	0.0649	0.0636	0.146	0.424	0.321 J	<0.0039	0.181	0.188	0.0133 J	<0.0039
Dibenz(a,h)anthracene	0.12	2.1	--	--	0.757	0.0281 J	0.0215 J	0.0728 J	0.0114 J	0.0101 J	0.0165 J	0.0528 J	<0.0519	<0.0029	0.0161 J	0.0212 J	<0.0025	<0.0028
Fluoranthene	2390	30100	88.9	--	17.2	0.596	0.313	1.14	0.119	0.0936	0.21	0.838	0.262 J	<0.0024	0.172	0.221	0.0180 J	<0.0024
Fluorene	2390	30100	14.8	--	1.6	0.161	0.0134 J	0.0865 J	0.0077 J	0.0041 J	0.0386 J	0.2	0.0596 J	<0.0025	0.0319 J	0.0190 J	<0.0022	<0.0025
Indeno(1,2,3-cd)pyrene	1.2	21.1	--	--	3.31	0.0804	0.0658 J	0.205	0.0354	0.0294	0.0399 J	0.121	<0.0781	<0.0043	0.0302 J	0.0515 J	<0.0038	<0.0043
1-Methylnaphthalene	17.6	72.7	--	--	0.239 J	0.118	<0.0137	0.0357 J	0.0097 J	0.0702	0.932	0.833	3.84	<0.0030	1.61	0.741	0.0102 J	<0.0030
2-Methylnaphthalene	239	3010	--	--	0.313 J	0.144	0.0141 J	0.0438 J	0.0121 J	0.0808	1.17	1.06	4.71	<0.0030	1.97	0.909	0.0130 J	<0.0030
Naphthalene	5.5	24.1	0.66	--	0.758	0.241	0.0158 J	0.0447 J	0.0165 J	0.0532	0.858	0.779	3.43	<0.0020	1.43	0.701	0.0096 J	<0.0020
Phenanthrene	--	--	--	--	13.5	0.608	0.174	0.865	0.0723	0.0613	0.547	1.51	1.8	<0.0024	0.846	0.573	0.0173 J	<0.0023
Pyrene	1790	16500	54.5	--	14.9	0.483	0.298	0.88	0.129	0.0852	0.211	0.604	0.362 J	<0.0030	0.204	0.191	0.0259	<0.0030
Percent Moisture (%)																		
Percent Moisture	--	--	--	--	9.3	10.2	10.6	8.9	7.3	12.9	8.5	27.6	10.9	18.9	7.5	16	9.2	18.5

Analyte	PB-8 (1'-2')	PB-8 (3'-4')	PB-9 (1'-2')	PB-9 (2'-3')	PB-10 (2'-3')	PB-10 (3'-4')	PB-11 (1'-2')	PB-11 (2'-3')	PB-12 (1'-2')	PB-12 (3'-4')	PB-13 (1'-2')	PB-13 (3'-4')	PB-14 (1'-2')	PB-14 (3'-4')	PB-15 (1'-2')	PB-15 (4'-5')	TB-01
	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022	8/19/2022
6010D MET ICP (mg/kg)																	
Arsenic	1.7 J	2.8	2.9	3.4	2.0 J	2.6	3.4 J	2.1 J	6.4	<3.1	2.4 J	2.1 J	2.9	1.5 J	3.8	<1.7	NA
Barium	75.2	83.3	68.8	67	72.6	61.6	38.7 J+	51.1 J+	74.8 J+	19.7 J+	60.7 J+	54.1 J+	49.3 J+	50.1 J+	80.4 J+	32.9 J+	NA
Cadmium	0.19 J	0.22 J	0.91	0.17 J	0.19 J	1.1	<0.28	0.25 J	1.6	<0.28	0.25 J	0.32 J	0.55 J	0.18 J	<0.14	<0.16	NA
Chromium	19.9	26.7	18.4	28.1	28.4	15.2	13.6	18.3	21.9	7.4	18.8	18	10.1	10.4	9.6	11.4	NA
Lead	7.7	22.7	141	9.9	8.9	200	26	25.2	236	14	24.3	24.5	113	31	84.7	39.3	NA
Selenium	<1.3	<1.5	<1.4	<1.5	<1.5	<1.3	<2.8	<1.5	<2.8	<2.8	<1.4	<1.4	<1.5	<1.3	2.4 J	<1.6	NA
Silver	<0.32	<0.34	<0.33	<0.35	<0.35	<0.32	<0.65	<0.34	<0.66	<0.65	0.34 J	0.41 J	<0.34	<0.31	<0.33	<0.36	NA
7471 Mercury (mg/kg)																	
Mercury	0.020 J	0.057 U	0.11	0.14	0.036 U	0.093	0.08	0.15	0.13	0.023 U	0.057 U	0.075	0.084	0.052 U	0.05 U	0.055 U	NA
8082A GCS PCB (mg/kg)																	
PCB-1016 (Aroclor 1016)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
PCB-1221 (Aroclor 1221)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
PCB-1232 (Aroclor 1232)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
PCB-1242 (Aroclor 1242)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
PCB-1248 (Aroclor 1248)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
PCB-1254 (Aroclor 1254)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
PCB-1260 (Aroclor 1260)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
PCB, Total	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.0180	<0.0186	NA
8260 MSV Med Level Normal List (mg/kg)																	
Benzene	<0.0147	<0.0169	<0.0170	<0.0161	<0.0157	0.343	0.0336	<0.0153	NA	NA	NA	NA	<0.0163	<0.0146	NA	NA	<0.0119
Bromobenzene	<0.0241	<0.0276	<0.0279	<0.0264	<0.0257	<0.0225	<0.0245	<0.0250	NA	NA	NA	NA	<0.0266	<0.0239	NA	NA	<0.0195
Bromochloromethane	<0.0169	<0.0194	<0.0196	<0.0186	<0.0181	<0.0158	<0.0172	<0.0176	NA	NA	NA	NA	<0.0187	<0.0168	NA	NA	<0.0137
Bromodichloromethane	<0.0147	<0.0169	<0.0170	<0.0161	<0.0157	<0.0138	<0.0150	<0.0153	NA	NA	NA	NA	<0.0163	<0.0146	NA	NA	<0.0119
Bromoform	<0.272	<0.312	<0.315	<0.298	<0.290	<0.254	<0.277	<0.282	NA	NA	NA	NA	<0.301	<0.269	NA	NA	<0.220
Bromomethane	<0.0867	<0.0993	<0.100	<0.0951	<0.0925	<0.0811	<0.0882	<0.0899	NA	NA	NA	NA	<0.0958	<0.0858	NA	NA	<0.0701
n-Butylbenzene	<0.0283	<0.0324	<0.0328	<0.0311	<0.0302	<0.0265	<0.0288	<0.0294	NA	NA	NA	NA	<0.0313	<0.0280	NA	NA	<0.0229
sec-Butylbenzene	<0.0151	<0.0173	<0.0175	<0.0165	<0.0161	<0.0141	<0.0154	<0.0156	NA	NA	NA	NA	<0.0167	<0.0149	NA	NA	<0.0122
tert-Butylbenzene	<0.0194	<0.0222	<0.0225	<0.0213	<0.0207	<0.0182	<0.0198	<0.0201	NA	NA	NA	NA	<0.0215	<0.0192	NA	NA	<0.0157
Carbon tetrachloride	<0.0136	<0.0156	<0.0158	<0.0149	<0.0145	<0.0127	<0.0138	<0.0141	NA	NA	NA	NA	<0.0150	<0.0135	NA	NA	<0.0110
Chlorobenzene	<0.0074	<0.0085	<0.0086	<0.0081	<0.0079	<0.0069	<0.0075	<0.0077	NA	NA	NA	NA	<0.0082	<0.0073	NA	NA	<0.0060
Chloroethane	<0.0261	<0.0299	<0.0302	<0.0286	<0.0279	<0.0244	<0.0266	<0.0270	NA	NA	NA	NA	<0.0288	<0.0258	NA	NA	<0.0211
Chloroform	<0.0443	<0.0507	<0.0513	<0.0485	<0.0473	<0.0414	<0.0451	<0.0459	NA	NA	NA	NA	<0.0489	<0.0438	NA	NA	<0.0358
Chloromethane	<0.0235	<0.0269	<0.0272	<0.0258	<0.0251	<0.0220	<0.0239	<0.0244	NA	NA	NA	NA	<0.0260	<0.0233	NA	NA	<0.0190
2-Chlorotoluene	<0.0200	<0.0229	<0.0232	<0.0220	<0.0214	<0.0187	<0.0204	<0.0208	NA	NA	NA	NA	<0.0221	<0.0198	NA	NA	<0.0162
4-Chlorotoluene	<0.0235	<0.0269	<0.0272	<0.0258	<0.0251	<0.0220	<0.0239	<0.0244	NA	NA	NA	NA	<0.0260	<0.0233	NA	NA	<0.0190
1,2-Dibromo-3-chloropropane	<0.0480	<0.0550	<0.0556	<0.0526	<0.0512	<0.0449	<0.0488	<0.0497	NA	NA	NA	NA	<0.0530	<0.0475	NA	NA	<0.0388
Dibromochloromethane	<0.211	<0.242	<0.245	<0.232	<0.226	<0.198	<0.215	<0.219	NA	NA	NA	NA	<0.234	<0.209	NA	NA	<0.171
1,2-Dibromoethane (EDB)	<0.0169	<0.0194	<0.0196	<0.0186	<0.0181	<0.0158	<0.0172	<0.0176	NA	NA	NA	NA	<0.0187	<0.0168	NA	NA	<0.0137
Dibromomethane	<0.0183	<0.0210	<0.0212	<0.0201	<0.0195	<0.0171	<0.0186	<0.0190	NA	NA	NA	NA	<0.0202	<0.0181	NA	NA	<0.0148
1,2-Dichlorobenzene	<0.0192	<0.0220	<0.0222	<0.0210	<0.0205	<0.0179	<0.0195	<0.0199	NA	NA	NA	NA	<0.0212	<0.0190	NA	NA	<0.0155
1,3-Dichlorobenzene	<0.0169	<0.0194	<0.0196	<0.0186	<0.0181	<0.0158	<0.0172	<0.0176	NA	NA	NA	NA	<0.0187	<0.0168	NA	NA	<0.0137
1,4-Dichlorobenzene	<0.0169	<0.0194	<0.0196	<0.0186	<0.0181	<0.0158	<0.0172	<0.0176	NA	NA	NA	NA	<0.0187	<0.0168	NA	NA	<0.0137
Dichlorodifluoromethane	<0.0266	<0.0305	<0.0308	<0.0292	<0.0284	<0.0249	<0.0271	<0.0276	NA	NA	NA	NA	<0.0294	<0.0263	NA	NA	<0.0215
1,1-Dichloroethane	<0.0158	<0.0181	<0.0183	<0.0174	<0.0169	<0.0148	<0.0161	<0.0164	NA	NA	NA	NA	<0.0175	<0.0157	NA	NA	<0.0128
1,2-Dichloroethane	<0.0142	<0.0163	<0.0165	<0.0156	<0.0152	<0.0133	<0.0145	<0.0147	NA	NA	NA	NA	<0.0157	<0.0141	NA	NA	<0.0115
1,1-Dichloroethene	<0.0205	<0.0235	<0.0238	<0.0225	<0.0219	<0.0192	<0.0209	<0.0213	NA	NA	NA	NA	<0.0227	<0.0203	NA	NA	<0.0166
cis-1,2-Dichloroethene	<0.0132	<0.0152	<0.0153	<0.0145	<0.0141	<0.0124	<0.0135	<0.0137	NA	NA	NA	NA	<0.0146	<0.0131	NA	NA	<0.0107
trans-1,2-Dichloroethene	<0.0134	<0.0153	<0.0155	<0.0146	<0.0143	<0.0125	<0.0136	<0.0138	NA	NA	NA	NA	<0.0148	<0.0132	NA	NA	<0.0108
1,2-Dichloropropane	<0.0147	<0.0169	<0.0170	<0.0161	<0.0157	<0.0138	<0.0150	<0.0153	NA	NA	NA	NA	<0.0163	<0.0146	NA	NA	<0.0119
1,3-Dichloropropane	<0.0135	<0.0154	<0.0156	<0.0148	<0.0144	<0.0126	<0.0137	<0.0140	NA	NA	NA	NA	<0.0149	<0.0133	NA	NA	<0.0109
2,2-Dichloropropane	<0.0167	<0.0191	<0.0193	<0.0183	<0.0178	<0.0156	<0.0170	<0.0173	NA	NA	NA	NA	<0.0184	<0.0165	NA	NA	<0.0135
1,1-Dichloropropene	<0.0200	<0.0229	<0.0232	<0.0220	<0.0214	<0.0187	<0.0204	<0.0208	NA	NA	NA	NA	<0.0221	<0.0198	NA	NA	<0.0162
cis-1,3-Dichloropropene	<0.0408	<0.0467	<0.0473	<0.0448	<0.0436	<0.0382	<0.0415	<0.0423	NA	NA	NA	NA	<0.0451	<0.0404	NA	NA	<0.0330
trans-1,3-Dichloropropene	<0.177	<0.203	<0.205	<0.194	<0.189	<0.165	<0.180	<0.183	NA	NA	NA	NA	<0.195	<0.175	NA	NA	<0.143
Diisopropyl ether	<0.0153	<0.0176	<0.0178	<0.0168	<0.0164	<0.0143	<0.0156	<0.0159	NA	NA	NA	NA	<0.0169	<0.0152	NA	NA	<0.0124
Ethylbenzene	<0.0147	<0.0169	<0.0170	<0.0161	<0.0157	0.0883	0.0349 J	<0.0153	NA	NA	NA	NA	<0.0163	<0.0146	NA	NA	<0.0119
Hexachloro-1,3-butadiene	<0.123	<0.141	<0.142	<0.135	<0.131	<0.115	<0.125	<0.127	NA	NA	NA	NA	<0.136	<0.122	NA	NA	<0.0994
Isopropylbenzene (Cumene)	<0.0167	<0.0191	<0.0193	<0.0183	<0.0178	0.0314 J	<0.0170	<0.0173	NA	NA	NA	NA	<0.0184	<0.0165	NA	NA	<0.0135
p-Isopropyltoluene	<0.0188	<0.0215	<0.0218	<0.0206	<0.0201	<0.0176	<0.0191	<0.0195	NA	NA	NA	NA	<0.0208	<0.0186	NA	NA	<0.0152
Methylene Chloride	<0.0172	<0.0197	<0.0199	<0.0188	<0.0183	<0.0161	<0.0175	<0.0178	NA	NA	NA	NA	<0.0190	<0.0170	NA	NA	<0.0139
Methyl-tert-butyl ether	<0.0182	<0.0208	<0.0211	<0.0199	<0.0194	<0.0170	<0.0185	<0.0188	NA	NA	NA	NA	<0.0201	<0.0180	NA	NA	<0.0147
Naphthalene	<0.0193	<0.0221	<0.0223	<0.0212	<0.0206	0.435	0.0663 J	<0.0200	NA	NA	NA	NA	<0.0213	0.0697 J	NA	NA	<0.0156
n-Propylbenzene	<0.0148	<0.0170	<0.0172	<0.0163	<0.0158	0.0423 J	0.0257 J	<0.0154	NA	NA	NA	NA	<0.0164	<0.0147	NA	NA	<0.0120
Styrene	<0.0158	<0.0181	<0.0183	<0.0174	<0.0169	<0.0148	<0.0161	<0.0164	NA	NA	NA	NA	<0.0175	<0.0157	NA	NA	<0.0128
1,1,1,2-Tetrachloroethane	<0.0148	<0.0170	<0.0172	<0.0163	<0.0158	<0.0139	<0.0151	<0.0154	NA	NA	NA	NA	<0.0164	<0.0147	NA	NA	<0.0120
1,1,2,2-Tetrachloroethane	<0.0224	<0.0256	<0.0259	<0.0245	<0.0239	<0.0209	<0.0228	<0.0232	NA	NA	NA	NA	<0.0247	<0.0222	NA	NA	<0.0181
Tetrachloroethene	<0.0240	<0.0275	<0.0278	<0.0263	<0.0256	<0.0224	<0.0244	<0.0249	NA	NA	NA	NA	<0.0265	<0.0238	NA	NA	<0.0194
Toluene	<0.0156	<0.0178	<0.0181	<0.0171	<0.0166	1.1	0.227	<0.0162	NA	NA	NA	NA	<0.0172	<0.0154	NA	NA	<0.0126
1,2,3-Trichlorobenzene	<0.0689	<0.0789	<0.0798	<0.0755	<0.0735	<0.0644	<0.0701	<0.0714	NA	NA	NA	NA	<0.0761	<0.0682	NA	NA	<0.0557
1,2,4-Trichlorobenzene	<0.0510	<0.0584	<0.0590	<0.0559	<0.0544	<0.0476	<0.0519	<0.0528	NA	NA	NA	NA	<0.0563	<0.0504	NA	NA	<0.0412
1,1,1-Trichloroethane	<0.0158	<0.0181	<0.0183	<0.0174	<0.0169	<0.0148	<0.0161	<0.0164	NA	NA	NA	NA	<0.0175	<0.0157	NA	NA	<0.0128
1,1,2-Trichloroethane	<0.0225	<0.0258	<0.0261	<0.0247	<0.0240	<0.0210	<0.0229	<0.0233	NA	NA	NA	NA	<0.0249	<0.0223	NA	NA	<0.0182
Trichloroethene	<0.0231	<0.0265	<0.0268	<0.0254	<0.0247	<0.0216	<0.0235	<0.0240	NA	NA	NA	NA	<0.0256	<0.0229	NA	NA	<0.0187
Trichlorofluoromethane	<0.0179	<0.0205	<0.0208	<0.0197	<0.0191	<0.0168	<0.0182	<0.0186	NA	NA	NA	NA	<0.0198	<0.0178	NA	NA	<0.0145
1,2,3-Trichloropropane	<0.0301	<0.0344	<0.0348	<0.0330	<0.0321	<0.0281	<0.0306	<0.0311	NA	NA	NA	NA	<0.0332	<0.0298	NA	NA	<0.0243
1,2,4-Trimethylbenzene	<0.0184	<0.0211	<0.0213	<0.0202	<0.0197	0.202	0.0276 J	<0.0191	NA	NA	NA	NA	<0.0204	0.0253 J	NA	NA	<0.0149
1,3,5-Trimethylbenzene	<0.0199	<0.0228	<0.0231	<0.0218	<0.0213	0.0429 J	<0.0203	<0.0206	NA	NA	NA	NA	<0.0220	<0.0197	NA	NA	<0.0161
Vinyl chloride	<0.0125	<0.0143	<0.0145	<0.0137	<0.0133	<0.0117	<0.0127	<0.0129	NA	NA	NA	NA	<0.0138	<0.0124	NA	NA	<0.0101
Xylene (Total)	<0.0447	<0.0511	<0.0517	<0.0490	<0.0477	0.854	0.144 J	<0.0463	NA	NA	NA	NA	<0.0493	<0.0442	NA	NA	<0.0361
m&p-Xylene	<0.0261	<0.0299	<0.0302	<0.0286	<0.0279	0.556	0.0812 J	<0.0270	NA	NA	NA	NA	<0.0288	0.0417 J	NA	NA	<0.0211
o-Xylene	<0.0186	<0.0212	<0.0215	<0.0203	<0.0198	0.298	0.063	<0.0192	NA	NA	NA	NA	<0.0205	<0.0184	NA	NA	<0.0150
8270E MSSV PAH by SIM (mg/kg)																	
Acenaphthene	<0.0024	0.0371 J	0.0511 J	<0.0026	<0.0025	1.31 J	0.0198 J	0.0358 J	0.0820 J	<0.0024	<0.0476	0.0084 J	0.0487	0.0249	NA	NA	NA
Acenaphthylene	0.0049 J	<0.0255	<0.0120	<0.0025	0.0049 J	<0.397	0.0143 J	0.0173 J	<0.0451	0.0026 J	0.686	0.0253	0.0351 J	0.0282	NA	NA	NA
Anthracene	0.0076 J	0.131 J	0.135	<0.0024	0.0073 J	4.39	0.0961	0.11	0.264 J	0.0024 J	1.22	0.0408	0.128	0.056	NA	NA	NA
Benzo(a)anthracene	0.0377	0.658	0.361	0.0028 J	0.0282	14.3	0.292	0.237	0.634	0.0061 J	2.47	0.224	0.267	0.208	NA	NA	NA
Benzo(a)pyrene	0.0609	0.94	0.47	0.0031 J	0.0341	17.7	0.35	0.25	0.881	0.0089 J	2.36	0.172	0.246	0.229	NA	NA	NA
Benzo(b)fluoranthene	0.0951	1.39	0.652	0.0057 J	0.0453	24.8	0.502	0.313	1.15	0.0120 J	2.57	0.488	0.347	0.34	NA	NA	NA
Benzo(g,h,i)perylene	0.0465	0.614	0.252	0.0038 J	0.0286	13	0.234	0.146	0.537	0.0081 J	1.17	0.0957	0.167	0.098	NA	NA	NA
Benzo(k)fluoranthene	0.0351	0.593	0.282	0.0032 J	0.0199	10.4	0.171	0.133	0.516	0.0055 J	1.07	0.222	0.107	0.133	NA	NA	NA
Chrysene	0.0672	1.01	0.503	0.0052 J	0.0385	20.5	0.388	0.305	1.09	0.0106 J	2.45	0.283	0.284	0.221	NA	NA	NA
Dibenz(a,h)anthracene	0.0113 J	0.165 J	0.0743 J	<0.0027	0.0078 J	3.55	0.0669 J	0.0430 J	0.147 J	<0.0026	0.298 J	0.0213	0.052	0.0235	NA	NA	NA
Fluoranthene	0.0934	1.9	0.96	0.0042 J	0.0609	41.5	0.743	0.59	1.95	0.0124 J	6.1	0.407	0.575	0.384	NA	NA	NA
Fluorene	0.0029 J	0.0408 J	0.0480 J	<0.0024	0.0030 J	1.59 J	0.0220 J	0.0329 J	0.0758 J	<0.0022	0.244 J	0.0109 J	0.059	0.0213	NA	NA	NA
Indeno(1,2,3-cd)pyrene	0.0322	0.514	0.217	<0.0041	0.0201	10.7	0.191	0.117	0.441	0.0049 J	0.974	0.0904	0.131	0.082	NA	NA	NA
1-Methylnaphthalene	<0.0027	<0.0295	0.0214 J	<0.0029	0.0060 J	<0.460	0.0634 J	0.0448 J	0.0835 J	0.0037 J	0.0654 J	0.0797	0.149	0.0738	NA	NA	NA
2-Methylnaphthalene	0.0038 J	<0.0295	0.0280 J	<0.0029	0.0092 J	<0.461	0.0726 J	0.0521 J	0.0985 J	0.0048 J	0.148 J	0.112	0.188	0.0982	NA	NA	NA
Naphthalene	0.0026 J	<0.0197	0.0394 J	<0.0019	0.0047 J	<0.307	0.0555 J	0.0405 J	0.0975 J	0.0060 J	0.298 J	0.0767	0.156	0.0845	NA	NA	NA
Phenanthrene	0.0329	0.812	0.617	0.0028 J	0.0288	20.5	0.388	0.434	1.13	0.0091 J	2.26	0.155	0.52	0.199	NA	NA	NA
Pyrene	0.0755	1.6	0.903	0.0039 J	0.05	32.1	0.621	0.513	1.66	0.0184 J	5.8	0.414	0.439	0.369	NA	NA	NA
Percent Moisture (%)																	
Percent Moisture	10.6	17.2	12.2	15.1	13.8	7.2	11.5	12.4	6.7	10	9	10.3	15.5	9.2	15.4	18.3	NA

NA = Not analyzed

J: The analyte was positively identified. The associated numerical value is estimated (+/- indicate the direction of biased).

U: The analyte was analyzed for, but was not detected.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-1

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 52		1	FILL: Sand with clay and sand, brown (10YR 4/3), odor	Fill			3.4						Sampled 1-2 at 1140
			2	FILL: Foundry sand, black (10YR 2/1)	Fill									
			3	FILL: Foundry sand with gravel, black (10YR 2/1), odor	Fill									
			4	SAND with silt and gravel, dark brown (10YR 3/3)	SP			3.1						Sampled 3-4 at 1150
			5	SAND with clay and gravel, black (10YR 2/1)	SP									
				End of boring at 5 feet bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: / Fax:
	AECOM	

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-2

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 54		0	FILL: Sand with clay and gravel, brown (10YR 4/3)	Fill									
			1	FILL: Foundry sand with silt and gravel, black (10YR 2/1), odor	Fill			15.9						Sampled 1-2 at 1120
			2											
			3	SAND with silt and gravel, dark brown (10YR 3/3), odor	SP			91						Sampled 3-4 at 1130
			4											
			5	End of boring at 5 feet bgs										

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-3

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 48			FILL: Well graded sand with gravel, brown (10YR 4/3)	Fill									
				FILL: Gravel, light gray (10YR 7/1)	Fill									
			1	FILL: Sand with silt and gravel, dark brown (10YR 3/3)	Fill			0.0						Sampled 1-2 at 1100
			2											
			3	FILL: Foundry sand and gravel, black (10YR 2/1)	Fill									
			4	SAND with clay and gravel, dark yellowish brown (10YR 3/6)	SP			0.7						Sampled 4-5 at 1110
			5	End of boring at 5 feet bgs										

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-4

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 36		0	FILL: Topsoil with gravel, black (10YR 2/1)	Fill									
			1	FILL: Sand with silt and gravel, dark brown (10YR 3/3) with black (10YR 2/1), odor	Fill			5.0						Sampled 1-2 at 1200
			2	FILL: Sand with silt and gravel, strong brown (7.5YR 5/8), odor	Fill			68.7						
			3	FILL: Foundry sand with gravel and wood fragments, black (10YR 2/1)	Fill									Sampled 2-3 at 1210
			4											
			5	End of boring at 5 feet bgs										

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-5

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 48		0 1 2 3 4 5	FILL: Topsoil with gravel, black (10YR 2/1)	Fill									
				FILL: Sand with silt and gravel, dark brown (10YR 3/3) with black (10YR 2/1)	Fill									
				FILL: Foundry sand with gravel, black (10YR 2/1)	Fill			0.2						Sampled 1-2 at 1220
				SAND with silt and gravel, brown (10YR 4/3)	SP-SM			0.2						Sampled 3-4 at 1230
				End of boring at 5 feet bgs										

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	AECOM	

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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-6

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 36		0	FILL: Topsoil with gravel, black (10YR 2/1)	Fill									
			1	FILL: Foundry sand with gravel, black (10YR 2/1)	Fill			0.1						
			2	FILL: Gravel, light gray (10YR 7/1)	Fill									Sampled 1-2 at 1240
				FILL: Foundry sand and wood fragments, black (10YR 2/1)	Fill									
			3	FILL: Sand with silt and gravel, black (10YR 2/1)	Fill									Sampled 2-3 at 1250
			4					0.3						
			5	End of boring at 5 feet bgs										

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	AECOM	

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-7

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 48		0	FILL: Topsoil with foundry sand and gravel, black (10YR 2/1)	Fill									
			1	FILL: Foundry sand, black (10YR 2/1)	Fill			0.1						
			2	FILL: Sand with silt and gravel, brown (10YR 4/3)	Fill									Sampled 1-2 at 1300
			3	SILTY SAND, yellowish brown (10YR 5/4), loose, moist	SP-SM									Sampled 3-4 at 1310
			4					0.1						
			5	End of boring at 5 feet bgs										

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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-8

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 42		1	FILL: Sand with clay and gravel, brown (10YR 4/3)	Fill			0.2						Sampled 1-2 at 1040
			2	FILL: Foundry sand with gravel, black (10YR 2/1)	Fill									
			3	FILL: Sand with clay, brown (10YR 4/3)	Fill									
			4	FILL: Sand with clay and gravel, dark yellowish brown (10YR 3/6)	Fill			0.2						Sampled 3-4 at 1050
			5	End of boring at 5 feet bgs										

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SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-9

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 36		0	FILL: Silty sand and gravel, brown (10YR 5/3)	Fill									
			1	FILL: Sand with clay and gravel, brown (10YR 4/3)	Fill			0.2						Sampled 1-2 at 0900
			2					0.3						
			3	FILL: Sand with clay, brown (10YR 4/3)	Fill									Sampled 2-3 at 0910
			4											
			5	End of boring at 5 feet bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: / Fax:
	AECOM	

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-10

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 48		0	FILL: Silty sand and gravel, brown (10YR 5/3)	Fill									
			1	FILL: Gravel with sand, light gray (10YR 7/1)	Fill									Sampled 1-2 at 1020
			2	FILL: Sand with clay and gravel, brown (10YR 4/3)	Fill			0.3						
			3	FILL: Sand and gravel, dark grayish brown (10YR 4/2)	Fill									Sampled 3-4 at 1030
			4	FILL: Foundry sand, black (10YR 2/1)	Fill			0.2						
				FILL: Very fine silty sand, light yellowish brown (10YR 6/4)	Fill									
			5	End of boring at 5 feet bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: / Fax:
	AECOM	

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-11

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 60		0	FILL: Silty sand and gravel, brown (10YR 5/3)	Fill									
			1	FILL: Sand with clay and gravel, brown (10YR 4/3)	Fill			0.0						Sampled 1-2 at 0920
			2	FILL: Sand with silt and gravel, dark brown (10YR 3/3) with black (10YR 2/1), moist to dry, wood fragments at bottom				0.5						Sampled 2-3 at 0930
			3		Fill									
			4											
			5	FILL: Foundry sand with wood fragments, black (10YR 2/1)	Fill									
				End of boring at 5 feet bgs										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature	Firm	Tel: / Fax:
	AECOM	

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-12

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 54		0	FILL: Silty sand and gravel, brown (10YR 5/3)	Fill									
			1	FILL: Sand and gravel, brown (10YR 4/3), fine to medium	Fill			0.2						Sampled 1-2 at 0940
			2											
			3	FILL: Silty sand, light yellowish brown (10YR 6/4), very fine	Fill									Sampled 3-4 at 0950
			4	FILL: Silty sand, dark gray (10YR 4/1), very fine	Fill			0.4						
			5	FILL: Foundry sand, black (10YR 2/1)	Fill									
				End of boring at 5 feet bgs										

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	AECOM	

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-13

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 54		0	FILL: Silty sand and gravel, brown (10YR 5/3)	Fill									
			1	FILL: Sand with clay and gravel, brown (10YR 4/3)	Fill			0.2						Sampled 1-2 at 1000
			2											
			3											
			4	FILL: Gravel with sand, light gray (10YR 7/1)	Fill			0.2						Sampled 3-4 at 1010
			5	FILL: Foundry sand with wood fragments, black (10YR 2/1)	Fill									
				End of boring at 5 feet bgs										

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	AECOM	

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Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-14

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.62 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 54		0	FILL: Silty sand with gravel, brown (10YR 5/3)	Fill									
			1	FILL: Sand with silt and gravel, dark brown (10YR 3/3) with black (10YR 2/1)	Fill									
			2	FILL: Asphalt/foundry sand, light red (2.5YR 8/4), hardened	Fill			0.3						Sampled 1-2 at 1320
			3	FILL: Sand with silt and gravel, dark grayish brown (10YR 4/2)	Fill									
			4					0.1						Sampled 3-4 at 1330
2	60 54		5	FILL: Silty sand with gravel, yellowish brown (10YR 5/4), dry to moist	Fill									
			6											
			7	FILL: Sand with silt and gravel, dark brown (10YR 3/3) with black (10YR 2/1), moist to wet to moist	Fill									
			8											
			9	Wet at 9 feet										
3	60 60		10											
			11											
			12	FILL: Lean clay, black (10YR 2/1), moist	Fill									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

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	AECOM	

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State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number PB-14 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
			13	FILL: Lean clay with wood fragments, light blue (GLEY 1 4/5G_1)	Fill									
			14											
			15	FILL: Sand with clay and wood fragments, dark gray (10YR 4/1)	Fill									
				End of boring at 15 feet bgs										

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☒ Other ☐

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
River Point District Turntable LSI (Parcel #3)		PB-15

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
Tony Kapugi On-Site Environmental	8/19/2022	8/19/2022	geoprobe

WI Unique Well No.	DNR Well ID No.	Common Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
			Feet MSL	Feet MSL	2.25

Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐
State Plane 44.09 N, -87.66 E S / C / N
1/4 of 1/4 of Section , T N, R
Lat ____ ° ____ ' ____ "
Long ____ ° ____ ' ____ "
Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W

Facility ID	County	County Code	Civil Town/City/ or Village
	Manitowoc	36	City of Manitowoc

Sample Number and Type	Sample Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
1	60 36		1	FILL: Topsoil with foundry sand, black (10YR 2/1)	Fill									
			2	FILL: Sand with silt and gravel, black (10YR 2/1)				0.5						Sampled 1-2 at 1340
			3		Fill									
			4											Sampled 4-5 at 1350
2	60 48		5	FILL: Sand with silt and ravel, dark brown (10YR 3/3) with black (10YR 2/1), dry to moist				0.4						
			6											
			7		Fill									
			8											
			9											
3	60 60		10	FILL: Lean clay, wood fragments, light blue (GLEY1 4/5G_1), soft to medium, moist										
			11		Fill									
			12											

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	AECOM	Fax:

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SOIL BORING LOG INFORMATION SUPPLEMENT
Form 4400-122A

Boring Number PB-15 Use only as an attachment to Form 4400-122. Page 2 of 2

Sample									Soil Properties					
Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth In Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	U S C S	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			13	FILL: Sand with clay and wood fragments, dark gray (10YR 4/1)	Fill									
			14											
			15	End of boring at 15 feet bgs										

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

September 01, 2022

Lanette Altenbach
AECOM, Inc.
1555 N River Center Drive
Suite 214
Milwaukee, WI 53212

RE: Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Dear Lanette Altenbach:

Enclosed are the analytical results for sample(s) received by the laboratory on August 23, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Green Bay

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

Sincerely,

Christopher Hyska

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

Enclosures

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

CERTIFICATIONS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Pace Analytical Services Green Bay
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky UST Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 12064
North Dakota Certification #: R-150
Virginia VELAP ID: 460263
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
USDA Soil Permit #: P330-16-00157
Federal Fish & Wildlife Permit #: LE51774A-0

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40250229001	PB-1 (1'-2')	Solid	08/19/22 11:40	08/23/22 08:10
40250229002	PB-1 (3'-4')	Solid	08/19/22 11:50	08/23/22 08:10
40250229003	TB-01	Solid	08/19/22 11:50	08/23/22 08:10
40250229004	PB-2 (1'-2')	Solid	08/19/22 11:20	08/23/22 08:10
40250229005	PB-2 (3'-4')	Solid	08/19/22 11:30	08/23/22 08:10
40250229006	PB-3 (1'-2')	Solid	08/19/22 11:00	08/23/22 08:10
40250229007	PB-3 (4'-5')	Solid	08/19/22 11:10	08/23/22 08:10
40250229008	PB-4 (1'-2')	Solid	08/19/22 12:00	08/23/22 08:10
40250229009	PB-4 (2'-3')	Solid	08/19/22 12:10	08/23/22 08:10
40250229010	PB-5 (1'-2')	Solid	08/19/22 12:20	08/23/22 08:10
40250229011	PB-5 (3'-4')	Solid	08/19/22 12:30	08/23/22 08:10
40250229012	PB-6 (1'-2')	Solid	08/19/22 12:40	08/23/22 08:10
40250229013	PB-6 (2'-3')	Solid	08/19/22 12:50	08/23/22 08:10
40250229014	PB-7 (1'-2')	Solid	08/19/22 13:00	08/23/22 08:10
40250229015	PB-7 (3'-4')	Solid	08/19/22 13:10	08/23/22 08:10
40250229016	PB-8 (1'-2')	Solid	08/19/22 10:40	08/23/22 08:10
40250229017	PB-8 (3'-4')	Solid	08/19/22 10:50	08/23/22 08:10
40250229018	PB-9 (1'-2')	Solid	08/19/22 09:00	08/23/22 08:10
40250229019	PB-9 (2'-3')	Solid	08/19/22 09:10	08/23/22 08:10
40250229020	PB-10 (2'-3')	Solid	08/19/22 10:20	08/23/22 08:10
40250229021	PB-10 (3'-4')	Solid	08/19/22 10:30	08/23/22 08:10
40250229022	PB-11 (1'-2')	Solid	08/19/22 09:20	08/23/22 08:10
40250229023	PB-11 (2'-3')	Solid	08/19/22 09:30	08/23/22 08:10
40250229024	PB-12 (1'-2')	Solid	08/19/22 09:40	08/23/22 08:10
40250229025	PB-12 (3'-4')	Solid	08/19/22 09:50	08/23/22 08:10
40250229026	PB-13 (1'-2')	Solid	08/19/22 10:00	08/23/22 08:10
40250229027	PB-13 (3'-4')	Solid	08/19/22 10:10	08/23/22 08:10
40250229028	PB-14 (1'-2')	Solid	08/19/22 13:20	08/23/22 08:10
40250229029	PB-14 (3'-4')	Solid	08/19/22 13:30	08/23/22 08:10
40250229030	PB-15 (1'-2')	Solid	08/19/22 13:40	08/23/22 08:10
40250229031	PB-15 (4'-5')	Solid	08/19/22 13:50	08/23/22 08:10

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

SAMPLE ANALYTE COUNT

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40250229001	**PB-1 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229002	**PB-1 (3'-4')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229003	**TB-01**	EPA 8260	ALD	65	PASI-G
40250229004	**PB-2 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229005	**PB-2 (3'-4')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229006	**PB-3 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229007	**PB-3 (4'-5')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229008	**PB-4 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229009	**PB-4 (2'-3')**	EPA 6010D	SIS	7	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229010	**PB-5 (1'-2')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229011	**PB-5 (3'-4')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229012	**PB-6 (1'-2')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229013	**PB-6 (2'-3')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229014	**PB-7 (1'-2')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229015	**PB-7 (3'-4')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229016	**PB-8 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G

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1241 Bellevue Street - Suite 9
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SAMPLE ANALYTE COUNT

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229017	**PB-8 (3'-4')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229018	**PB-9 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229019	**PB-9 (2'-3')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229020	**PB-10 (2'-3')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229021	**PB-10 (3'-4')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229022	**PB-11 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229023	**PB-11 (2'-3')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G

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SAMPLE ANALYTE COUNT

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40250229024	**PB-12 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229025	**PB-12 (3'-4')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229026	**PB-13 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229027	**PB-13 (3'-4')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229028	**PB-14 (1'-2')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229029	**PB-14 (3'-4')**	EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		EPA 8270E by SIM	RJN	20	PASI-G
		EPA 8260	ALD	65	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229030	**PB-15 (1'-2')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		ASTM D2974-87	PDV	1	PASI-G
40250229031	**PB-15 (4'-5')**	EPA 8082A	BLM	10	PASI-G
		EPA 6010D	SIS	7	PASI-G
		EPA 7471	AJT	1	PASI-G
		ASTM D2974-87	PDV	1	PASI-G

PASI-G = Pace Analytical Services - Green Bay

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229001	**PB-1 (1'-2')**					
EPA 6010D	Arsenic	1.8J	mg/kg	2.7	08/26/22 15:58	
EPA 6010D	Barium	53.1	mg/kg	0.55	08/26/22 15:58	M0,R1
EPA 6010D	Cadmium	0.58	mg/kg	0.55	08/26/22 15:58	
EPA 6010D	Chromium	11.4	mg/kg	1.1	08/26/22 15:58	
EPA 6010D	Lead	270	mg/kg	21.9	08/29/22 17:28	P6,R1
EPA 7471	Mercury	0.12	mg/kg	0.038	08/26/22 07:29	
EPA 8270E by SIM	Acenaphthene	909	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Acenaphthylene	598	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Anthracene	3530	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Benzo(a)anthracene	6230	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Benzo(a)pyrene	6670	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Benzo(b)fluoranthene	7390	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Benzo(g,h,i)perylene	4200	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Benzo(k)fluoranthene	3160	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Chrysene	6810	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Dibenz(a,h)anthracene	757	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Fluoranthene	17200	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Fluorene	1600	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	3310	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	1-Methylnaphthalene	239J	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	2-Methylnaphthalene	313J	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Naphthalene	758	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Phenanthrene	13500	ug/kg	369	08/26/22 11:19	
EPA 8270E by SIM	Pyrene	14900	ug/kg	369	08/26/22 11:19	
EPA 8260	Naphthalene	38.7J	ug/kg	301	08/25/22 19:17	
EPA 8260	Toluene	17.7J	ug/kg	60.3	08/25/22 19:17	
ASTM D2974-87	Percent Moisture	9.3	%	0.10	08/24/22 16:37	
40250229002	**PB-1 (3'-4')**					
EPA 6010D	Barium	53.4	mg/kg	5.4	08/29/22 17:38	
EPA 6010D	Chromium	10.9	mg/kg	10.8	08/29/22 17:38	
EPA 6010D	Lead	24500	mg/kg	21.7	08/29/22 17:38	
EPA 7471	Mercury	0.093	mg/kg	0.036	08/26/22 07:36	
EPA 8270E by SIM	Acenaphthene	196	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Acenaphthylene	28.0J	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Anthracene	211	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Benzo(a)anthracene	199	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Benzo(a)pyrene	195	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Benzo(b)fluoranthene	309	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Benzo(g,h,i)perylene	96.7	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Benzo(k)fluoranthene	96.5	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Chrysene	248	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Dibenz(a,h)anthracene	28.1J	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Fluoranthene	596	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Fluorene	161	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	80.4	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	1-Methylnaphthalene	118	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	2-Methylnaphthalene	144	ug/kg	74.4	08/26/22 20:10	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229002	**PB-1 (3'-4')**					
EPA 8270E by SIM	Naphthalene	241	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Phenanthrene	608	ug/kg	74.4	08/26/22 20:10	
EPA 8270E by SIM	Pyrene	483	ug/kg	74.4	08/26/22 20:10	
EPA 8260	Ethylbenzene	59.2J	ug/kg	61.3	08/25/22 19:37	
EPA 8260	Isopropylbenzene (Cumene)	39.3J	ug/kg	61.3	08/25/22 19:37	
EPA 8260	Naphthalene	372	ug/kg	307	08/25/22 19:37	
EPA 8260	n-Propylbenzene	50.1J	ug/kg	61.3	08/25/22 19:37	
EPA 8260	Toluene	91.5	ug/kg	61.3	08/25/22 19:37	
EPA 8260	1,2,4-Trimethylbenzene	126	ug/kg	61.3	08/25/22 19:37	
EPA 8260	1,3,5-Trimethylbenzene	68.6	ug/kg	61.3	08/25/22 19:37	
EPA 8260	Xylene (Total)	211	ug/kg	184	08/25/22 19:37	
EPA 8260	m&p-Xylene	117J	ug/kg	123	08/25/22 19:37	
EPA 8260	o-Xylene	93.8	ug/kg	61.3	08/25/22 19:37	
ASTM D2974-87	Percent Moisture	10.2	%	0.10	08/24/22 16:37	
40250229004	**PB-2 (1'-2')**					
EPA 6010D	Arsenic	3.5	mg/kg	2.6	08/26/22 16:17	
EPA 6010D	Barium	44.0	mg/kg	0.52	08/26/22 16:17	
EPA 6010D	Cadmium	1.0	mg/kg	0.52	08/26/22 16:17	
EPA 6010D	Chromium	24.1	mg/kg	1.0	08/26/22 16:17	
EPA 6010D	Lead	49.4	mg/kg	2.1	08/26/22 16:17	
EPA 7471	Mercury	0.024J	mg/kg	0.036	08/26/22 07:38	
EPA 8270E by SIM	Acenaphthene	17.5J	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Anthracene	38.0J	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Benzo(a)anthracene	110	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Benzo(a)pyrene	178	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Benzo(b)fluoranthene	251	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Benzo(g,h,i)perylene	102	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Benzo(k)fluoranthene	129	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Chrysene	229	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Dibenz(a,h)anthracene	21.5J	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Fluoranthene	313	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Fluorene	13.4J	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	65.8J	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	2-Methylnaphthalene	14.1J	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Naphthalene	15.8J	ug/kg	93.5	08/26/22 20:27	D3
EPA 8270E by SIM	Phenanthrene	174	ug/kg	93.5	08/26/22 20:27	
EPA 8270E by SIM	Pyrene	298	ug/kg	93.5	08/26/22 20:27	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	08/24/22 16:37	
40250229005	**PB-2 (3'-4')**					
EPA 6010D	Arsenic	1.9J	mg/kg	2.6	08/26/22 16:22	
EPA 6010D	Barium	19.6	mg/kg	0.53	08/26/22 16:22	
EPA 6010D	Chromium	7.2	mg/kg	1.1	08/26/22 16:22	
EPA 6010D	Lead	15.2	mg/kg	2.1	08/26/22 16:22	
EPA 7471	Mercury	0.029J	mg/kg	0.037	08/26/22 07:40	
EPA 8270E by SIM	Acenaphthene	95.8	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Acenaphthylene	18.1J	ug/kg	91.7	08/26/22 17:35	

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(920)469-2436

SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229005	**PB-2 (3'-4')**					
EPA 8270E by SIM	Anthracene	167	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Benzo(a)anthracene	350	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Benzo(a)pyrene	440	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Benzo(b)fluoranthene	635	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Benzo(g,h,i)perylene	277	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Benzo(k)fluoranthene	258	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Chrysene	567	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Dibenz(a,h)anthracene	72.8J	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Fluoranthene	1140	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Fluorene	86.5J	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	205	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	1-Methylnaphthalene	35.7J	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	2-Methylnaphthalene	43.8J	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Naphthalene	44.7J	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Phenanthrene	865	ug/kg	91.7	08/26/22 17:35	
EPA 8270E by SIM	Pyrene	880	ug/kg	91.7	08/26/22 17:35	
ASTM D2974-87	Percent Moisture	8.9	%	0.10	08/24/22 16:38	
40250229006	**PB-3 (1'-2')**					
EPA 6010D	Arsenic	1.6J	mg/kg	2.6	08/26/22 16:24	
EPA 6010D	Barium	23.2	mg/kg	0.52	08/26/22 16:24	
EPA 6010D	Chromium	7.9	mg/kg	1.0	08/26/22 16:24	
EPA 6010D	Lead	26.1	mg/kg	2.1	08/26/22 16:24	
EPA 7471	Mercury	0.031J	mg/kg	0.034	08/26/22 07:43	
EPA 8270E by SIM	Acenaphthene	8.0J	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Acenaphthylene	11.4J	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Anthracene	22.9	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Benzo(a)anthracene	52.6	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Benzo(a)pyrene	64.6	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Benzo(b)fluoranthene	87.6	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Benzo(g,h,i)perylene	45.0	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Benzo(k)fluoranthene	28.5	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Chrysene	64.9	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Dibenz(a,h)anthracene	11.4J	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Fluoranthene	119	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Fluorene	7.7J	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	35.4	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	1-Methylnaphthalene	9.7J	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	2-Methylnaphthalene	12.1J	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Naphthalene	16.5J	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Phenanthrene	72.3	ug/kg	18.0	08/26/22 16:26	
EPA 8270E by SIM	Pyrene	129	ug/kg	18.0	08/26/22 16:26	
ASTM D2974-87	Percent Moisture	7.3	%	0.10	08/24/22 16:38	
40250229007	**PB-3 (4'-5')**					
EPA 6010D	Arsenic	1.8J	mg/kg	2.8	08/26/22 16:27	
EPA 6010D	Barium	33.4	mg/kg	0.57	08/26/22 16:27	
EPA 6010D	Cadmium	0.25J	mg/kg	0.57	08/26/22 16:27	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229007	**PB-3 (4'-5')**					
EPA 6010D	Chromium	11.8	mg/kg	1.1	08/26/22 16:27	
EPA 6010D	Lead	11.1	mg/kg	2.3	08/26/22 16:27	
EPA 7471	Mercury	0.019J	mg/kg	0.040	08/26/22 07:45	
EPA 8270E by SIM	Acenaphthene	6.6J	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Acenaphthylene	5.4J	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Anthracene	8.0J	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Benzo(a)anthracene	44.6	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Benzo(a)pyrene	56.1	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Benzo(b)fluoranthene	86.8	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Benzo(g,h,i)perylene	36.8	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Benzo(k)fluoranthene	30.8	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Chrysene	63.6	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Dibenz(a,h)anthracene	10.1J	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Fluoranthene	93.6	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Fluorene	4.1J	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	29.4	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	1-Methylnaphthalene	70.2	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	2-Methylnaphthalene	80.8	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Naphthalene	53.2	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Phenanthrene	61.3	ug/kg	19.2	08/26/22 17:52	
EPA 8270E by SIM	Pyrene	85.2	ug/kg	19.2	08/26/22 17:52	
ASTM D2974-87	Percent Moisture	12.9	%	0.10	08/24/22 16:38	
40250229008	**PB-4 (1'-2')**					
EPA 6010D	Barium	24.1	mg/kg	0.54	08/26/22 16:29	
EPA 6010D	Chromium	5.1	mg/kg	1.1	08/26/22 16:29	
EPA 6010D	Lead	14.2	mg/kg	2.2	08/26/22 16:29	
EPA 7471	Mercury	0.021J	mg/kg	0.038	08/26/22 07:47	
EPA 8270E by SIM	Acenaphthene	22.8J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Acenaphthylene	53.3J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Anthracene	46.7J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Benzo(a)anthracene	124	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Benzo(a)pyrene	106	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Benzo(b)fluoranthene	153	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Benzo(g,h,i)perylene	47.8J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Benzo(k)fluoranthene	49.0J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Chrysene	146	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Dibenz(a,h)anthracene	16.5J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Fluoranthene	210	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Fluorene	38.6J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	39.9J	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	1-Methylnaphthalene	932	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	2-Methylnaphthalene	1170	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Naphthalene	858	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Phenanthrene	547	ug/kg	91.2	08/26/22 18:10	
EPA 8270E by SIM	Pyrene	211	ug/kg	91.2	08/26/22 18:10	
EPA 8260	Benzene	24.2	ug/kg	23.7	08/26/22 17:58	
EPA 8260	Ethylbenzene	38.8J	ug/kg	59.3	08/26/22 17:58	

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229008	**PB-4 (1'-2')**					
EPA 8260	Isopropylbenzene (Cumene)	18.8J	ug/kg	59.3	08/26/22 17:58	
EPA 8260	Naphthalene	101J	ug/kg	297	08/26/22 17:58	
EPA 8260	n-Propylbenzene	27.2J	ug/kg	59.3	08/26/22 17:58	
EPA 8260	Toluene	141	ug/kg	59.3	08/26/22 17:58	
EPA 8260	1,2,4-Trimethylbenzene	32.5J	ug/kg	59.3	08/26/22 17:58	
EPA 8260	Xylene (Total)	179	ug/kg	178	08/26/22 17:58	
EPA 8260	m&p-Xylene	104J	ug/kg	119	08/26/22 17:58	
EPA 8260	o-Xylene	74.4	ug/kg	59.3	08/26/22 17:58	
ASTM D2974-87	Percent Moisture	8.5	%	0.10	08/24/22 16:38	
40250229009	**PB-4 (2'-3')**					
EPA 6010D	Arsenic	87.9	mg/kg	34.1	08/29/22 17:43	
EPA 6010D	Barium	23.9	mg/kg	6.8	08/29/22 17:43	
EPA 6010D	Chromium	20.1	mg/kg	13.6	08/29/22 17:43	
EPA 6010D	Lead	23.8J	mg/kg	27.2	08/29/22 17:43	D3
EPA 7471	Mercury	0.093	mg/kg	0.043	08/26/22 07:49	
EPA 8270E by SIM	Acenaphthene	186	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Acenaphthylene	55.6J	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Anthracene	352	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Benzo(a)anthracene	355	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Benzo(a)pyrene	253	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Benzo(b)fluoranthene	344	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Benzo(g,h,i)perylene	143	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Benzo(k)fluoranthene	140	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Chrysene	424	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Dibenz(a,h)anthracene	52.8J	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Fluoranthene	838	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Fluorene	200	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	121	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	1-Methylnaphthalene	833	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	2-Methylnaphthalene	1060	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Naphthalene	779	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Phenanthrene	1510	ug/kg	115	08/29/22 12:19	
EPA 8270E by SIM	Pyrene	604	ug/kg	115	08/29/22 12:19	
ASTM D2974-87	Percent Moisture	27.6	%	0.10	08/24/22 16:38	
40250229010	**PB-5 (1'-2')**					
EPA 6010D	Arsenic	6.4	mg/kg	2.8	08/26/22 16:34	
EPA 6010D	Barium	36.6	mg/kg	0.56	08/26/22 16:34	
EPA 6010D	Cadmium	0.17J	mg/kg	0.56	08/26/22 16:34	
EPA 6010D	Chromium	8.2	mg/kg	1.1	08/26/22 16:34	
EPA 6010D	Lead	45.0	mg/kg	2.2	08/26/22 16:34	
EPA 7471	Mercury	0.046	mg/kg	0.038	08/26/22 07:52	
EPA 8270E by SIM	Acenaphthene	52.6J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Acenaphthylene	123J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Anthracene	113J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Benzo(a)anthracene	273J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Benzo(a)pyrene	119J	ug/kg	375	08/26/22 19:52	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229010	**PB-5 (1'-2')**					
EPA 8270E by SIM	Benzo(b)fluoranthene	177J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Benzo(k)fluoranthene	63.9J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Chrysene	321J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Fluoranthene	262J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Fluorene	59.6J	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	1-Methylnaphthalene	3840	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	2-Methylnaphthalene	4710	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Naphthalene	3430	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Phenanthrene	1800	ug/kg	375	08/26/22 19:52	
EPA 8270E by SIM	Pyrene	362J	ug/kg	375	08/26/22 19:52	
ASTM D2974-87	Percent Moisture	10.9	%	0.10	08/24/22 16:38	
40250229011	**PB-5 (3'-4')**					
EPA 6010D	Arsenic	2.1J	mg/kg	3.0	08/26/22 16:37	
EPA 6010D	Barium	22.9	mg/kg	0.59	08/26/22 16:37	
EPA 6010D	Chromium	15.6	mg/kg	1.2	08/26/22 16:37	
EPA 6010D	Lead	4.9	mg/kg	2.4	08/26/22 16:37	
EPA 7471	Mercury	0.015J	mg/kg	0.039	08/26/22 07:54	
ASTM D2974-87	Percent Moisture	18.9	%	0.10	08/24/22 16:38	
40250229012	**PB-6 (1'-2')**					
EPA 8082A	PCB-1260 (Aroclor 1260)	19.0J	ug/kg	53.9	08/25/22 11:37	
EPA 8082A	PCB, Total	19.0J	ug/kg	53.9	08/25/22 11:37	
EPA 6010D	Arsenic	16.2	mg/kg	2.5	08/26/22 16:44	
EPA 6010D	Barium	92.6	mg/kg	0.49	08/26/22 16:44	
EPA 6010D	Cadmium	0.40J	mg/kg	0.49	08/26/22 16:44	
EPA 6010D	Chromium	24.7	mg/kg	0.99	08/26/22 16:44	
EPA 6010D	Lead	318	mg/kg	2.0	08/26/22 16:44	
EPA 6010D	Selenium	3.0J	mg/kg	3.9	08/26/22 16:44	
EPA 6010D	Silver	0.48J	mg/kg	0.99	08/26/22 16:44	
EPA 7471	Mercury	0.12	mg/kg	0.035	08/26/22 07:56	
EPA 8270E by SIM	Acenaphthene	29.4J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Acenaphthylene	57.8J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Anthracene	65.8J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Benzo(a)anthracene	136	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Benzo(a)pyrene	77.1J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Benzo(b)fluoranthene	148	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Benzo(g,h,i)perylene	34.6J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Benzo(k)fluoranthene	45.4J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Chrysene	181	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Dibenz(a,h)anthracene	16.1J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Fluoranthene	172	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Fluorene	31.9J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	30.2J	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	1-Methylnaphthalene	1610	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	2-Methylnaphthalene	1970	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Naphthalene	1430	ug/kg	90.3	08/26/22 19:35	
EPA 8270E by SIM	Phenanthrene	846	ug/kg	90.3	08/26/22 19:35	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229012	**PB-6 (1'-2')**					
EPA 8270E by SIM	Pyrene	204	ug/kg	90.3	08/26/22 19:35	
ASTM D2974-87	Percent Moisture	7.5	%	0.10	08/24/22 16:38	
40250229013	**PB-6 (2'-3')**					
EPA 6010D	Arsenic	11.3	mg/kg	2.8	08/26/22 16:46	
EPA 6010D	Barium	110	mg/kg	0.56	08/26/22 16:46	
EPA 6010D	Cadmium	0.58	mg/kg	0.56	08/26/22 16:46	
EPA 6010D	Chromium	10.7	mg/kg	1.1	08/26/22 16:46	
EPA 6010D	Lead	162	mg/kg	2.3	08/26/22 16:46	
EPA 6010D	Selenium	2.2J	mg/kg	4.5	08/26/22 16:46	
EPA 6010D	Silver	0.36J	mg/kg	1.1	08/26/22 16:46	
EPA 7471	Mercury	0.043	mg/kg	0.040	08/26/22 08:03	
EPA 8270E by SIM	Acenaphthylene	57.6J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Anthracene	43.1J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Benzo(a)anthracene	97.7	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Benzo(a)pyrene	61.9J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Benzo(b)fluoranthene	186	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Benzo(g,h,i)perylene	64.1J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Benzo(k)fluoranthene	58.2J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Chrysene	188	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Dibenz(a,h)anthracene	21.2J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Fluoranthene	221	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Fluorene	19.0J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	51.5J	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	1-Methylnaphthalene	741	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	2-Methylnaphthalene	909	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Naphthalene	701	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Phenanthrene	573	ug/kg	79.5	08/26/22 18:27	
EPA 8270E by SIM	Pyrene	191	ug/kg	79.5	08/26/22 18:27	
ASTM D2974-87	Percent Moisture	16.0	%	0.10	08/24/22 16:38	
40250229014	**PB-7 (1'-2')**					
EPA 6010D	Barium	24.6	mg/kg	0.54	08/26/22 16:49	
EPA 6010D	Cadmium	0.69	mg/kg	0.54	08/26/22 16:49	
EPA 6010D	Chromium	9.4	mg/kg	1.1	08/26/22 16:49	
EPA 6010D	Lead	50.9	mg/kg	2.2	08/26/22 16:49	
EPA 7471	Mercury	0.15	mg/kg	0.035	08/26/22 08:06	
EPA 8270E by SIM	Anthracene	3.4J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Benzo(a)anthracene	8.0J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Benzo(a)pyrene	7.8J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Benzo(b)fluoranthene	9.7J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Benzo(g,h,i)perylene	4.5J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Benzo(k)fluoranthene	4.6J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Chrysene	13.3J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Fluoranthene	18.0J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	1-Methylnaphthalene	10.2J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	2-Methylnaphthalene	13.0J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Naphthalene	9.6J	ug/kg	18.4	08/26/22 17:01	

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229014	**PB-7 (1'-2')**					
EPA 8270E by SIM	Phenanthrene	17.3J	ug/kg	18.4	08/26/22 17:01	
EPA 8270E by SIM	Pyrene	25.9	ug/kg	18.4	08/26/22 17:01	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	08/25/22 11:53	
40250229015	**PB-7 (3'-4')**					
EPA 6010D	Barium	30.5	mg/kg	0.61	08/26/22 16:51	
EPA 6010D	Cadmium	0.16J	mg/kg	0.61	08/26/22 16:51	
EPA 6010D	Chromium	14.4	mg/kg	1.2	08/26/22 16:51	
EPA 6010D	Lead	4.3	mg/kg	2.4	08/26/22 16:51	
ASTM D2974-87	Percent Moisture	18.5	%	0.10	08/25/22 11:53	
40250229016	**PB-8 (1'-2')**					
EPA 6010D	Arsenic	1.7J	mg/kg	2.6	08/26/22 16:54	
EPA 6010D	Barium	75.2	mg/kg	0.51	08/26/22 16:54	
EPA 6010D	Cadmium	0.19J	mg/kg	0.51	08/26/22 16:54	
EPA 6010D	Chromium	19.9	mg/kg	1.0	08/26/22 16:54	
EPA 6010D	Lead	7.7	mg/kg	2.1	08/26/22 16:54	
EPA 7471	Mercury	0.020J	mg/kg	0.036	08/26/22 08:10	
EPA 8270E by SIM	Acenaphthylene	4.9J	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Anthracene	7.6J	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Benzo(a)anthracene	37.7	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Benzo(a)pyrene	60.9	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Benzo(b)fluoranthene	95.1	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Benzo(g,h,i)perylene	46.5	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Benzo(k)fluoranthene	35.1	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Chrysene	67.2	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Dibenz(a,h)anthracene	11.3J	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Fluoranthene	93.4	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Fluorene	2.9J	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	32.2	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	2-Methylnaphthalene	3.8J	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Naphthalene	2.6J	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Phenanthrene	32.9	ug/kg	18.7	08/26/22 18:44	
EPA 8270E by SIM	Pyrene	75.5	ug/kg	18.7	08/26/22 18:44	
ASTM D2974-87	Percent Moisture	10.6	%	0.10	08/25/22 11:53	
40250229017	**PB-8 (3'-4')**					
EPA 6010D	Arsenic	2.8	mg/kg	2.8	08/26/22 16:56	
EPA 6010D	Barium	83.3	mg/kg	0.56	08/26/22 16:56	
EPA 6010D	Cadmium	0.22J	mg/kg	0.56	08/26/22 16:56	
EPA 6010D	Chromium	26.7	mg/kg	1.1	08/26/22 16:56	
EPA 6010D	Lead	22.7	mg/kg	2.2	08/26/22 16:56	
EPA 7471	Mercury	0.057	mg/kg	0.042	08/26/22 08:17	B
EPA 8270E by SIM	Acenaphthene	37.1J	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Anthracene	131J	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Benzo(a)anthracene	658	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Benzo(a)pyrene	940	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Benzo(b)fluoranthene	1390	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Benzo(g,h,i)perylene	614	ug/kg	202	08/26/22 19:01	

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

SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229017	**PB-8 (3'-4')**					
EPA 8270E by SIM	Benzo(k)fluoranthene	593	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Chrysene	1010	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Dibenz(a,h)anthracene	165J	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Fluoranthene	1900	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Fluorene	40.8J	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	514	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Phenanthrene	812	ug/kg	202	08/26/22 19:01	
EPA 8270E by SIM	Pyrene	1600	ug/kg	202	08/26/22 19:01	
ASTM D2974-87	Percent Moisture	17.2	%	0.10	08/25/22 11:53	
40250229018	**PB-9 (1'-2')**					
EPA 6010D	Arsenic	2.9	mg/kg	2.7	08/26/22 16:58	
EPA 6010D	Barium	68.8	mg/kg	0.53	08/26/22 16:58	
EPA 6010D	Cadmium	0.91	mg/kg	0.53	08/26/22 16:58	
EPA 6010D	Chromium	18.4	mg/kg	1.1	08/26/22 16:58	
EPA 6010D	Lead	141	mg/kg	2.1	08/26/22 16:58	
EPA 7471	Mercury	0.11	mg/kg	0.037	08/26/22 08:24	B
EPA 8270E by SIM	Acenaphthene	51.1J	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Anthracene	135	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Benzo(a)anthracene	361	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Benzo(a)pyrene	470	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Benzo(b)fluoranthene	652	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Benzo(g,h,i)perylene	252	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Benzo(k)fluoranthene	282	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Chrysene	503	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Dibenz(a,h)anthracene	74.3J	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Fluoranthene	960	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Fluorene	48.0J	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	217	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	1-Methylnaphthalene	21.4J	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	2-Methylnaphthalene	28.0J	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Naphthalene	39.4J	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Phenanthrene	617	ug/kg	95.0	08/26/22 19:18	
EPA 8270E by SIM	Pyrene	903	ug/kg	95.0	08/26/22 19:18	
ASTM D2974-87	Percent Moisture	12.2	%	0.10	08/25/22 11:54	
40250229019	**PB-9 (2'-3')**					
EPA 6010D	Arsenic	3.4	mg/kg	2.8	08/26/22 17:01	
EPA 6010D	Barium	67.0	mg/kg	0.56	08/26/22 17:01	
EPA 6010D	Cadmium	0.17J	mg/kg	0.56	08/26/22 17:01	
EPA 6010D	Chromium	28.1	mg/kg	1.1	08/26/22 17:01	
EPA 6010D	Lead	9.9	mg/kg	2.3	08/26/22 17:01	
EPA 7471	Mercury	0.14	mg/kg	0.040	08/26/22 08:35	B
EPA 8270E by SIM	Benzo(a)anthracene	2.8J	ug/kg	19.7	08/26/22 17:18	
EPA 8270E by SIM	Benzo(a)pyrene	3.1J	ug/kg	19.7	08/26/22 17:18	
EPA 8270E by SIM	Benzo(b)fluoranthene	5.7J	ug/kg	19.7	08/26/22 17:18	
EPA 8270E by SIM	Benzo(g,h,i)perylene	3.8J	ug/kg	19.7	08/26/22 17:18	
EPA 8270E by SIM	Benzo(k)fluoranthene	3.2J	ug/kg	19.7	08/26/22 17:18	

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229019	**PB-9 (2'-3')**					
EPA 8270E by SIM	Chrysene	5.2J	ug/kg	19.7	08/26/22 17:18	
EPA 8270E by SIM	Fluoranthene	4.2J	ug/kg	19.7	08/26/22 17:18	
EPA 8270E by SIM	Phenanthrene	2.8J	ug/kg	19.7	08/26/22 17:18	
EPA 8270E by SIM	Pyrene	3.9J	ug/kg	19.7	08/26/22 17:18	
ASTM D2974-87	Percent Moisture	15.1	%	0.10	08/25/22 11:54	
40250229020	**PB-10 (2'-3')**					
EPA 6010D	Arsenic	2.0J	mg/kg	2.8	08/26/22 17:03	
EPA 6010D	Barium	72.6	mg/kg	0.56	08/26/22 17:03	
EPA 6010D	Cadmium	0.19J	mg/kg	0.56	08/26/22 17:03	
EPA 6010D	Chromium	28.4	mg/kg	1.1	08/26/22 17:03	
EPA 6010D	Lead	8.9	mg/kg	2.2	08/26/22 17:03	
EPA 7471	Mercury	0.036J	mg/kg	0.037	08/26/22 08:38	B
EPA 8270E by SIM	Acenaphthylene	4.9J	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Anthracene	7.3J	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Benzo(a)anthracene	28.2	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Benzo(a)pyrene	34.1	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Benzo(b)fluoranthene	45.3	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Benzo(g,h,i)perylene	28.6	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Benzo(k)fluoranthene	19.9	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Chrysene	38.5	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Dibenz(a,h)anthracene	7.8J	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Fluoranthene	60.9	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Fluorene	3.0J	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	20.1	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	1-Methylnaphthalene	6.0J	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	2-Methylnaphthalene	9.2J	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Naphthalene	4.7J	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Phenanthrene	28.8	ug/kg	19.3	08/29/22 17:28	
EPA 8270E by SIM	Pyrene	50.0	ug/kg	19.3	08/29/22 17:28	
ASTM D2974-87	Percent Moisture	13.8	%	0.10	08/25/22 11:54	
40250229021	**PB-10 (3'-4')**					
EPA 6010D	Arsenic	2.6	mg/kg	2.6	08/26/22 17:06	
EPA 6010D	Barium	61.6	mg/kg	0.51	08/26/22 17:06	
EPA 6010D	Cadmium	1.1	mg/kg	0.51	08/26/22 17:06	
EPA 6010D	Chromium	15.2	mg/kg	1.0	08/26/22 17:06	
EPA 6010D	Lead	200	mg/kg	2.1	08/26/22 17:06	
EPA 7471	Mercury	0.093	mg/kg	0.035	08/26/22 08:40	B
EPA 8270E by SIM	Acenaphthene	1310J	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Anthracene	4390	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Benzo(a)anthracene	14300	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Benzo(a)pyrene	17700	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Benzo(b)fluoranthene	24800	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Benzo(g,h,i)perylene	13000	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Benzo(k)fluoranthene	10400	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Chrysene	20500	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Dibenz(a,h)anthracene	3550	ug/kg	3150	08/29/22 18:20	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229021	**PB-10 (3'-4')**					
EPA 8270E by SIM	Fluoranthene	41500	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Fluorene	1590J	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	10700	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Phenanthrene	20500	ug/kg	3150	08/29/22 18:20	
EPA 8270E by SIM	Pyrene	32100	ug/kg	3150	08/29/22 18:20	
EPA 8260	Benzene	343	ug/kg	23.1	08/26/22 19:55	
EPA 8260	Ethylbenzene	88.3	ug/kg	57.8	08/26/22 19:55	
EPA 8260	Isopropylbenzene (Cumene)	31.4J	ug/kg	57.8	08/26/22 19:55	
EPA 8260	Naphthalene	435	ug/kg	289	08/26/22 19:55	
EPA 8260	n-Propylbenzene	42.3J	ug/kg	57.8	08/26/22 19:55	
EPA 8260	Toluene	1100	ug/kg	57.8	08/26/22 19:55	
EPA 8260	1,2,4-Trimethylbenzene	202	ug/kg	57.8	08/26/22 19:55	
EPA 8260	1,3,5-Trimethylbenzene	42.9J	ug/kg	57.8	08/26/22 19:55	
EPA 8260	Xylene (Total)	854	ug/kg	173	08/26/22 19:55	
EPA 8260	m&p-Xylene	556	ug/kg	116	08/26/22 19:55	
EPA 8260	o-Xylene	298	ug/kg	57.8	08/26/22 19:55	
ASTM D2974-87	Percent Moisture	7.2	%	0.10	08/25/22 11:54	
40250229022	**PB-11 (1'-2')**					
EPA 6010D	Arsenic	3.4J	mg/kg	5.3	08/30/22 17:33	D3
EPA 6010D	Barium	38.7	mg/kg	1.1	08/30/22 17:33	
EPA 6010D	Chromium	13.6	mg/kg	2.1	08/30/22 17:33	
EPA 6010D	Lead	26.0	mg/kg	4.2	08/30/22 17:33	
EPA 7471	Mercury	0.080	mg/kg	0.036	08/26/22 08:42	B
EPA 8270E by SIM	Acenaphthene	19.8J	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Acenaphthylene	14.3J	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Anthracene	96.1	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Benzo(a)anthracene	292	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Benzo(a)pyrene	350	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Benzo(b)fluoranthene	502	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Benzo(g,h,i)perylene	234	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Benzo(k)fluoranthene	171	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Chrysene	388	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Dibenz(a,h)anthracene	66.9J	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Fluoranthene	743	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Fluorene	22.0J	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	191	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	1-Methylnaphthalene	63.4J	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	2-Methylnaphthalene	72.6J	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Naphthalene	55.5J	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Phenanthrene	388	ug/kg	75.3	08/29/22 20:56	
EPA 8270E by SIM	Pyrene	621	ug/kg	75.3	08/29/22 20:56	
EPA 8260	Benzene	33.6	ug/kg	25.2	08/29/22 11:50	
EPA 8260	Ethylbenzene	34.9J	ug/kg	62.9	08/29/22 11:50	
EPA 8260	Naphthalene	66.3J	ug/kg	315	08/29/22 11:50	
EPA 8260	n-Propylbenzene	25.7J	ug/kg	62.9	08/29/22 11:50	
EPA 8260	Toluene	227	ug/kg	62.9	08/29/22 11:50	
EPA 8260	1,2,4-Trimethylbenzene	27.6J	ug/kg	62.9	08/29/22 11:50	

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229022	**PB-11 (1'-2')**					
EPA 8260	Xylene (Total)	144J	ug/kg	189	08/29/22 11:50	
EPA 8260	m&p-Xylene	81.2J	ug/kg	126	08/29/22 11:50	
EPA 8260	o-Xylene	63.0	ug/kg	62.9	08/29/22 11:50	
ASTM D2974-87	Percent Moisture	11.5	%	0.10	08/25/22 11:54	
40250229023	**PB-11 (2'-3')**					
EPA 6010D	Arsenic	2.1J	mg/kg	2.8	08/29/22 21:32	
EPA 6010D	Barium	51.1	mg/kg	0.55	08/29/22 21:32	
EPA 6010D	Cadmium	0.25J	mg/kg	0.55	08/29/22 21:32	
EPA 6010D	Chromium	18.3	mg/kg	1.1	08/29/22 21:32	
EPA 6010D	Lead	25.2	mg/kg	2.2	08/29/22 21:32	
EPA 7471	Mercury	0.15	mg/kg	0.036	08/26/22 08:45	
EPA 8270E by SIM	Acenaphthene	35.8J	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Acenaphthylene	17.3J	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Anthracene	110	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Benzo(a)anthracene	237	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Benzo(a)pyrene	250	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Benzo(b)fluoranthene	313	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Benzo(g,h,i)perylene	146	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Benzo(k)fluoranthene	133	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Chrysene	305	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Dibenz(a,h)anthracene	43.0J	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Fluoranthene	590	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Fluorene	32.9J	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	117	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	1-Methylnaphthalene	44.8J	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	2-Methylnaphthalene	52.1J	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Naphthalene	40.5J	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Phenanthrene	434	ug/kg	76.1	08/29/22 21:13	
EPA 8270E by SIM	Pyrene	513	ug/kg	76.1	08/29/22 21:13	
ASTM D2974-87	Percent Moisture	12.4	%	0.10	08/25/22 12:35	
40250229024	**PB-12 (1'-2')**					
EPA 6010D	Arsenic	6.4	mg/kg	5.3	08/30/22 17:35	
EPA 6010D	Barium	74.8	mg/kg	1.1	08/30/22 17:35	
EPA 6010D	Cadmium	1.6	mg/kg	1.1	08/30/22 17:35	
EPA 6010D	Chromium	21.9	mg/kg	2.1	08/30/22 17:35	
EPA 6010D	Lead	236	mg/kg	4.3	08/30/22 17:35	
EPA 7471	Mercury	0.13	mg/kg	0.036	08/26/22 08:47	B
EPA 8270E by SIM	Acenaphthene	82.0J	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Anthracene	264J	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Benzo(a)anthracene	634	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Benzo(a)pyrene	881	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Benzo(b)fluoranthene	1150	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Benzo(g,h,i)perylene	537	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Benzo(k)fluoranthene	516	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Chrysene	1090	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Dibenz(a,h)anthracene	147J	ug/kg	358	08/29/22 21:30	

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SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229024	**PB-12 (1'-2')**					
EPA 8270E by SIM	Fluoranthene	1950	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Fluorene	75.8J	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	441	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	1-Methylnaphthalene	83.5J	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	2-Methylnaphthalene	98.5J	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Naphthalene	97.5J	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Phenanthrene	1130	ug/kg	358	08/29/22 21:30	
EPA 8270E by SIM	Pyrene	1660	ug/kg	358	08/29/22 21:30	
ASTM D2974-87	Percent Moisture	6.7	%	0.10	08/25/22 12:35	
40250229025	**PB-12 (3'-4')**					
EPA 6010D	Barium	19.7	mg/kg	1.1	08/30/22 17:38	
EPA 6010D	Chromium	7.4	mg/kg	2.1	08/30/22 17:38	
EPA 6010D	Lead	14.0	mg/kg	4.3	08/30/22 17:38	
EPA 7471	Mercury	0.023J	mg/kg	0.038	08/26/22 08:49	B
EPA 8270E by SIM	Acenaphthylene	2.6J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Anthracene	2.4J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Benzo(a)anthracene	6.1J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Benzo(a)pyrene	8.9J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Benzo(b)fluoranthene	12.0J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Benzo(g,h,i)perylene	8.1J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Benzo(k)fluoranthene	5.5J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Chrysene	10.6J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Fluoranthene	12.4J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	4.9J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	1-Methylnaphthalene	3.7J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	2-Methylnaphthalene	4.8J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Naphthalene	6.0J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Phenanthrene	9.1J	ug/kg	18.5	08/29/22 18:37	
EPA 8270E by SIM	Pyrene	18.4J	ug/kg	18.5	08/29/22 18:37	
ASTM D2974-87	Percent Moisture	10.0	%	0.10	08/25/22 12:35	
40250229026	**PB-13 (1'-2')**					
EPA 6010D	Arsenic	2.4J	mg/kg	2.6	08/29/22 21:44	
EPA 6010D	Barium	60.7	mg/kg	0.52	08/29/22 21:44	
EPA 6010D	Cadmium	0.25J	mg/kg	0.52	08/29/22 21:44	
EPA 6010D	Chromium	18.8	mg/kg	1.0	08/29/22 21:44	
EPA 6010D	Lead	24.3	mg/kg	2.1	08/29/22 21:44	
EPA 6010D	Silver	0.34J	mg/kg	1.0	08/29/22 21:44	
EPA 7471	Mercury	0.057	mg/kg	0.035	08/26/22 08:51	B
EPA 8270E by SIM	Acenaphthylene	686	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Anthracene	1220	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Benzo(a)anthracene	2470	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Benzo(a)pyrene	2360	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Benzo(b)fluoranthene	2570	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Benzo(g,h,i)perylene	1170	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Benzo(k)fluoranthene	1070	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Chrysene	2450	ug/kg	367	08/29/22 21:47	

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

SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229026	**PB-13 (1'-2')**					
EPA 8270E by SIM	Dibenz(a,h)anthracene	298J	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Fluoranthene	6100	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Fluorene	244J	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	974	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	1-Methylnaphthalene	65.4J	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	2-Methylnaphthalene	148J	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Naphthalene	298J	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Phenanthrene	2260	ug/kg	367	08/29/22 21:47	
EPA 8270E by SIM	Pyrene	5800	ug/kg	367	08/29/22 21:47	
ASTM D2974-87	Percent Moisture	9.0	%	0.10	08/25/22 12:35	
40250229027	**PB-13 (3'-4')**					
EPA 6010D	Arsenic	2.1J	mg/kg	2.7	08/29/22 21:47	
EPA 6010D	Barium	54.1	mg/kg	0.53	08/29/22 21:47	
EPA 6010D	Cadmium	0.32J	mg/kg	0.53	08/29/22 21:47	
EPA 6010D	Chromium	18.0	mg/kg	1.1	08/29/22 21:47	
EPA 6010D	Lead	24.5	mg/kg	2.1	08/29/22 21:47	
EPA 6010D	Silver	0.41J	mg/kg	1.1	08/29/22 21:47	
EPA 7471	Mercury	0.075	mg/kg	0.038	08/26/22 08:54	B
EPA 8270E by SIM	Acenaphthene	8.4J	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Acenaphthylene	25.3	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Anthracene	40.8	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Benzo(a)anthracene	224	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Benzo(a)pyrene	172	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Benzo(b)fluoranthene	488	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Benzo(g,h,i)perylene	95.7	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Benzo(k)fluoranthene	222	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Chrysene	283	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Dibenz(a,h)anthracene	21.3	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Fluoranthene	407	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Fluorene	10.9J	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	90.4	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	1-Methylnaphthalene	79.7	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	2-Methylnaphthalene	112	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Naphthalene	76.7	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Phenanthrene	155	ug/kg	18.6	08/30/22 17:27	
EPA 8270E by SIM	Pyrene	414	ug/kg	18.6	08/30/22 17:27	
ASTM D2974-87	Percent Moisture	10.3	%	0.10	08/25/22 12:35	
40250229028	**PB-14 (1'-2')**					
EPA 6010D	Arsenic	2.9	mg/kg	2.8	08/26/22 18:12	
EPA 6010D	Barium	49.3	mg/kg	0.56	08/26/22 18:12	
EPA 6010D	Cadmium	0.55J	mg/kg	0.56	08/26/22 18:12	
EPA 6010D	Chromium	10.1	mg/kg	1.1	08/26/22 18:12	
EPA 6010D	Lead	113	mg/kg	2.2	08/26/22 18:12	
EPA 7471	Mercury	0.084	mg/kg	0.039	08/26/22 08:56	B
EPA 8270E by SIM	Acenaphthene	48.7	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Acenaphthylene	35.1J	ug/kg	39.6	08/31/22 18:56	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229028	**PB-14 (1'-2')**					
EPA 8270E by SIM	Anthracene	128	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Benzo(a)anthracene	267	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Benzo(a)pyrene	246	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Benzo(b)fluoranthene	347	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Benzo(g,h,i)perylene	167	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Benzo(k)fluoranthene	107	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Chrysene	284	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Dibenz(a,h)anthracene	52.0	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Fluoranthene	575	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Fluorene	59.0	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	131	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	1-Methylnaphthalene	149	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	2-Methylnaphthalene	188	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Naphthalene	156	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Phenanthrene	520	ug/kg	39.6	08/31/22 18:56	
EPA 8270E by SIM	Pyrene	439	ug/kg	39.6	08/31/22 18:56	
ASTM D2974-87	Percent Moisture	15.5	%	0.10	08/25/22 12:35	
40250229029	**PB-14 (3'-4')**					
EPA 6010D	Arsenic	1.5J	mg/kg	2.5	08/26/22 18:14	
EPA 6010D	Barium	50.1	mg/kg	0.50	08/26/22 18:14	
EPA 6010D	Cadmium	0.18J	mg/kg	0.50	08/26/22 18:14	
EPA 6010D	Chromium	10.4	mg/kg	1.0	08/26/22 18:14	
EPA 6010D	Lead	31.0	mg/kg	2.0	08/26/22 18:14	
EPA 7471	Mercury	0.052	mg/kg	0.038	08/26/22 09:03	B
EPA 8270E by SIM	Acenaphthene	24.9	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Acenaphthylene	28.2	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Anthracene	56.0	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Benzo(a)anthracene	208	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Benzo(a)pyrene	229	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Benzo(b)fluoranthene	340	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Benzo(g,h,i)perylene	98.0	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Benzo(k)fluoranthene	133	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Chrysene	221	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Dibenz(a,h)anthracene	23.5	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Fluoranthene	384	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Fluorene	21.3	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Indeno(1,2,3-cd)pyrene	82.0	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	1-Methylnaphthalene	73.8	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	2-Methylnaphthalene	98.2	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Naphthalene	84.5	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Phenanthrene	199	ug/kg	18.4	08/30/22 17:44	
EPA 8270E by SIM	Pyrene	369	ug/kg	18.4	08/30/22 17:44	
EPA 8260	Naphthalene	69.7J	ug/kg	306	08/29/22 12:49	
EPA 8260	1,2,4-Trimethylbenzene	25.3J	ug/kg	61.2	08/29/22 12:49	
EPA 8260	m&p-Xylene	41.7J	ug/kg	122	08/29/22 12:49	
ASTM D2974-87	Percent Moisture	9.2	%	0.10	08/25/22 12:35	

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

SUMMARY OF DETECTION

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
40250229030	**PB-15 (1'-2')**					
EPA 6010D	Arsenic	3.8	mg/kg	2.7	08/26/22 18:17	
EPA 6010D	Barium	80.4	mg/kg	0.54	08/26/22 18:17	
EPA 6010D	Chromium	9.6	mg/kg	1.1	08/26/22 18:17	
EPA 6010D	Lead	84.7	mg/kg	2.2	08/26/22 18:17	
EPA 6010D	Selenium	2.4J	mg/kg	4.3	08/26/22 18:17	
EPA 7471	Mercury	0.050	mg/kg	0.040	08/26/22 09:05	B
ASTM D2974-87	Percent Moisture	15.4	%	0.10	08/25/22 12:35	
40250229031	**PB-15 (4'-5')**					
EPA 6010D	Barium	32.9	mg/kg	0.59	08/26/22 18:19	
EPA 6010D	Chromium	11.4	mg/kg	1.2	08/26/22 18:19	
EPA 6010D	Lead	39.3	mg/kg	2.4	08/26/22 18:19	
EPA 7471	Mercury	0.055	mg/kg	0.038	08/26/22 09:08	B
ASTM D2974-87	Percent Moisture	18.3	%	0.10	08/25/22 12:36	

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-1 (1'-2') **Lab ID: 40250229001** Collected: 08/19/22 11:40 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**1.8J**	mg/kg	2.7	1.6	1	08/25/22 06:01	08/26/22 15:58	7440-38-2	
Barium	**53.1**	mg/kg	0.55	0.16	1	08/25/22 06:01	08/26/22 15:58	7440-39-3	M0,R1
Cadmium	**0.58**	mg/kg	0.55	0.15	1	08/25/22 06:01	08/26/22 15:58	7440-43-9	
Chromium	**11.4**	mg/kg	1.1	0.30	1	08/25/22 06:01	08/26/22 15:58	7440-47-3	
Lead	**270**	mg/kg	21.9	6.6	10	08/25/22 06:01	08/29/22 17:28	7439-92-1	P6,R1
Selenium	**<1.4**	mg/kg	4.4	1.4	1	08/25/22 06:01	08/26/22 15:58	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	08/25/22 06:01	08/26/22 15:58	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.12**	mg/kg	0.038	0.011	1	08/25/22 08:19	08/26/22 07:29	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**909**	ug/kg	369	47.8	20	08/26/22 07:47	08/26/22 11:19	83-32-9	
Acenaphthylene	**598**	ug/kg	369	46.5	20	08/26/22 07:47	08/26/22 11:19	208-96-8	
Anthracene	**3530**	ug/kg	369	45.7	20	08/26/22 07:47	08/26/22 11:19	120-12-7	
Benzo(a)anthracene	**6230**	ug/kg	369	47.6	20	08/26/22 07:47	08/26/22 11:19	56-55-3	
Benzo(a)pyrene	**6670**	ug/kg	369	41.9	20	08/26/22 07:47	08/26/22 11:19	50-32-8	
Benzo(b)fluoranthene	**7390**	ug/kg	369	51.2	20	08/26/22 07:47	08/26/22 11:19	205-99-2	
Benzo(g,h,i)perylene	**4200**	ug/kg	369	64.7	20	08/26/22 07:47	08/26/22 11:19	191-24-2	
Benzo(k)fluoranthene	**3160**	ug/kg	369	47.1	20	08/26/22 07:47	08/26/22 11:19	207-08-9	
Chrysene	**6810**	ug/kg	369	69.5	20	08/26/22 07:47	08/26/22 11:19	218-01-9	
Dibenz(a,h)anthracene	**757**	ug/kg	369	51.0	20	08/26/22 07:47	08/26/22 11:19	53-70-3	
Fluoranthene	**17200**	ug/kg	369	43.6	20	08/26/22 07:47	08/26/22 11:19	206-44-0	
Fluorene	**1600**	ug/kg	369	44.2	20	08/26/22 07:47	08/26/22 11:19	86-73-7	
Indeno(1,2,3-cd)pyrene	**3310**	ug/kg	369	76.8	20	08/26/22 07:47	08/26/22 11:19	193-39-5	
1-Methylnaphthalene	**239J**	ug/kg	369	53.8	20	08/26/22 07:47	08/26/22 11:19	90-12-0	
2-Methylnaphthalene	**313J**	ug/kg	369	53.9	20	08/26/22 07:47	08/26/22 11:19	91-57-6	
Naphthalene	**758**	ug/kg	369	35.9	20	08/26/22 07:47	08/26/22 11:19	91-20-3	
Phenanthrene	**13500**	ug/kg	369	42.2	20	08/26/22 07:47	08/26/22 11:19	85-01-8	
Pyrene	**14900**	ug/kg	369	54.2	20	08/26/22 07:47	08/26/22 11:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	51	%	41-98		20	08/26/22 07:47	08/26/22 11:19	321-60-8	
Terphenyl-d14 (S)	60	%	37-106		20	08/26/22 07:47	08/26/22 11:19	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.3**	ug/kg	24.1	14.3	1	08/25/22 08:00	08/25/22 19:17	71-43-2	
Bromobenzene	**<23.5**	ug/kg	60.3	23.5	1	08/25/22 08:00	08/25/22 19:17	108-86-1	
Bromochloromethane	**<16.5**	ug/kg	60.3	16.5	1	08/25/22 08:00	08/25/22 19:17	74-97-5	
Bromodichloromethane	**<14.3**	ug/kg	60.3	14.3	1	08/25/22 08:00	08/25/22 19:17	75-27-4	
Bromoform	**<265**	ug/kg	301	265	1	08/25/22 08:00	08/25/22 19:17	75-25-2	
Bromomethane	**<84.5**	ug/kg	301	84.5	1	08/25/22 08:00	08/25/22 19:17	74-83-9	

REPORT OF LABORATORY ANALYSIS

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Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-1 (1'-2') **Lab ID: 40250229001** Collected: 08/19/22 11:40 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<27.6**	ug/kg	60.3	27.6	1	08/25/22 08:00	08/25/22 19:17	104-51-8	
sec-Butylbenzene	**<14.7**	ug/kg	60.3	14.7	1	08/25/22 08:00	08/25/22 19:17	135-98-8	
tert-Butylbenzene	**<18.9**	ug/kg	60.3	18.9	1	08/25/22 08:00	08/25/22 19:17	98-06-6	
Carbon tetrachloride	**<13.3**	ug/kg	60.3	13.3	1	08/25/22 08:00	08/25/22 19:17	56-23-5	
Chlorobenzene	**<7.2**	ug/kg	60.3	7.2	1	08/25/22 08:00	08/25/22 19:17	108-90-7	
Chloroethane	**<25.4**	ug/kg	301	25.4	1	08/25/22 08:00	08/25/22 19:17	75-00-3	
Chloroform	**<43.2**	ug/kg	301	43.2	1	08/25/22 08:00	08/25/22 19:17	67-66-3	
Chloromethane	**<22.9**	ug/kg	60.3	22.9	1	08/25/22 08:00	08/25/22 19:17	74-87-3	
2-Chlorotoluene	**<19.5**	ug/kg	60.3	19.5	1	08/25/22 08:00	08/25/22 19:17	95-49-8	
4-Chlorotoluene	**<22.9**	ug/kg	60.3	22.9	1	08/25/22 08:00	08/25/22 19:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<46.8**	ug/kg	301	46.8	1	08/25/22 08:00	08/25/22 19:17	96-12-8	
Dibromochloromethane	**<206**	ug/kg	301	206	1	08/25/22 08:00	08/25/22 19:17	124-48-1	
1,2-Dibromoethane (EDB)	**<16.5**	ug/kg	60.3	16.5	1	08/25/22 08:00	08/25/22 19:17	106-93-4	
Dibromomethane	**<17.8**	ug/kg	60.3	17.8	1	08/25/22 08:00	08/25/22 19:17	74-95-3	
1,2-Dichlorobenzene	**<18.7**	ug/kg	60.3	18.7	1	08/25/22 08:00	08/25/22 19:17	95-50-1	
1,3-Dichlorobenzene	**<16.5**	ug/kg	60.3	16.5	1	08/25/22 08:00	08/25/22 19:17	541-73-1	
1,4-Dichlorobenzene	**<16.5**	ug/kg	60.3	16.5	1	08/25/22 08:00	08/25/22 19:17	106-46-7	
Dichlorodifluoromethane	**<25.9**	ug/kg	60.3	25.9	1	08/25/22 08:00	08/25/22 19:17	75-71-8	
1,1-Dichloroethane	**<15.4**	ug/kg	60.3	15.4	1	08/25/22 08:00	08/25/22 19:17	75-34-3	
1,2-Dichloroethane	**<13.9**	ug/kg	60.3	13.9	1	08/25/22 08:00	08/25/22 19:17	107-06-2	
1,1-Dichloroethene	**<20.0**	ug/kg	60.3	20.0	1	08/25/22 08:00	08/25/22 19:17	75-35-4	
cis-1,2-Dichloroethene	**<12.9**	ug/kg	60.3	12.9	1	08/25/22 08:00	08/25/22 19:17	156-59-2	
trans-1,2-Dichloroethene	**<13.0**	ug/kg	60.3	13.0	1	08/25/22 08:00	08/25/22 19:17	156-60-5	
1,2-Dichloropropane	**<14.3**	ug/kg	60.3	14.3	1	08/25/22 08:00	08/25/22 19:17	78-87-5	
1,3-Dichloropropane	**<13.1**	ug/kg	60.3	13.1	1	08/25/22 08:00	08/25/22 19:17	142-28-9	
2,2-Dichloropropane	**<16.3**	ug/kg	60.3	16.3	1	08/25/22 08:00	08/25/22 19:17	594-20-7	
1,1-Dichloropropene	**<19.5**	ug/kg	60.3	19.5	1	08/25/22 08:00	08/25/22 19:17	563-58-6	
cis-1,3-Dichloropropene	**<39.8**	ug/kg	301	39.8	1	08/25/22 08:00	08/25/22 19:17	10061-01-5	
trans-1,3-Dichloropropene	**<172**	ug/kg	301	172	1	08/25/22 08:00	08/25/22 19:17	10061-02-6	
Diisopropyl ether	**<15.0**	ug/kg	60.3	15.0	1	08/25/22 08:00	08/25/22 19:17	108-20-3	
Ethylbenzene	**<14.3**	ug/kg	60.3	14.3	1	08/25/22 08:00	08/25/22 19:17	100-41-4	
Hexachloro-1,3-butadiene	**<120**	ug/kg	301	120	1	08/25/22 08:00	08/25/22 19:17	87-68-3	
Isopropylbenzene (Cumene)	**<16.3**	ug/kg	60.3	16.3	1	08/25/22 08:00	08/25/22 19:17	98-82-8	
p-Isopropyltoluene	**<18.3**	ug/kg	60.3	18.3	1	08/25/22 08:00	08/25/22 19:17	99-87-6	
Methylene Chloride	**<16.8**	ug/kg	60.3	16.8	1	08/25/22 08:00	08/25/22 19:17	75-09-2	
Methyl-tert-butyl ether	**<17.7**	ug/kg	60.3	17.7	1	08/25/22 08:00	08/25/22 19:17	1634-04-4	
Naphthalene	**38.7J**	ug/kg	301	18.8	1	08/25/22 08:00	08/25/22 19:17	91-20-3	
n-Propylbenzene	**<14.5**	ug/kg	60.3	14.5	1	08/25/22 08:00	08/25/22 19:17	103-65-1	
Styrene	**<15.4**	ug/kg	60.3	15.4	1	08/25/22 08:00	08/25/22 19:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.5**	ug/kg	60.3	14.5	1	08/25/22 08:00	08/25/22 19:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<21.8**	ug/kg	60.3	21.8	1	08/25/22 08:00	08/25/22 19:17	79-34-5	
Tetrachloroethene	**<23.4**	ug/kg	60.3	23.4	1	08/25/22 08:00	08/25/22 19:17	127-18-4	
Toluene	**17.7J**	ug/kg	60.3	15.2	1	08/25/22 08:00	08/25/22 19:17	108-88-3	
1,2,3-Trichlorobenzene	**<67.2**	ug/kg	301	67.2	1	08/25/22 08:00	08/25/22 19:17	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-1 (1'-2') **Lab ID: 40250229001** Collected: 08/19/22 11:40 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<49.7**	ug/kg	301	49.7	1	08/25/22 08:00	08/25/22 19:17	120-82-1	
1,1,1-Trichloroethane	**<15.4**	ug/kg	60.3	15.4	1	08/25/22 08:00	08/25/22 19:17	71-55-6	
1,1,2-Trichloroethane	**<21.9**	ug/kg	60.3	21.9	1	08/25/22 08:00	08/25/22 19:17	79-00-5	
Trichloroethene	**<22.5**	ug/kg	60.3	22.5	1	08/25/22 08:00	08/25/22 19:17	79-01-6	
Trichlorofluoromethane	**<17.5**	ug/kg	60.3	17.5	1	08/25/22 08:00	08/25/22 19:17	75-69-4	
1,2,3-Trichloropropane	**<29.3**	ug/kg	60.3	29.3	1	08/25/22 08:00	08/25/22 19:17	96-18-4	
1,2,4-Trimethylbenzene	**<18.0**	ug/kg	60.3	18.0	1	08/25/22 08:00	08/25/22 19:17	95-63-6	
1,3,5-Trimethylbenzene	**<19.4**	ug/kg	60.3	19.4	1	08/25/22 08:00	08/25/22 19:17	108-67-8	
Vinyl chloride	**<12.2**	ug/kg	60.3	12.2	1	08/25/22 08:00	08/25/22 19:17	75-01-4	
Xylene (Total)	**<43.5**	ug/kg	181	43.5	1	08/25/22 08:00	08/25/22 19:17	1330-20-7	
m&p-Xylene	**<25.4**	ug/kg	121	25.4	1	08/25/22 08:00	08/25/22 19:17	179601-23-1	
o-Xylene	**<18.1**	ug/kg	60.3	18.1	1	08/25/22 08:00	08/25/22 19:17	95-47-6	
Surrogates									
Toluene-d8 (S)	130	%	69-153		1	08/25/22 08:00	08/25/22 19:17	2037-26-5	
4-Bromofluorobenzene (S)	131	%	68-156		1	08/25/22 08:00	08/25/22 19:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	08/25/22 08:00	08/25/22 19:17	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.3**	%	0.10	0.10	1		08/24/22 16:37		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-1 (3'-4') **Lab ID: 40250229002** Collected: 08/19/22 11:50 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<15.9**	mg/kg	27.1	15.9	10	08/25/22 06:01	08/29/22 17:38	7440-38-2	D3
Barium	**53.4**	mg/kg	5.4	1.6	10	08/25/22 06:01	08/29/22 17:38	7440-39-3	
Cadmium	**<1.4**	mg/kg	5.4	1.4	10	08/25/22 06:01	08/29/22 17:38	7440-43-9	D3
Chromium	**10.9**	mg/kg	10.8	3.0	10	08/25/22 06:01	08/29/22 17:38	7440-47-3	
Lead	**24500**	mg/kg	21.7	6.5	10	08/25/22 06:01	08/29/22 17:38	7439-92-1	
Selenium	**<14.2**	mg/kg	43.4	14.2	10	08/25/22 06:01	08/29/22 17:38	7782-49-2	D3
Silver	**<3.3**	mg/kg	10.8	3.3	10	08/25/22 06:01	08/29/22 17:38	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.093**	mg/kg	0.036	0.010	1	08/25/22 08:19	08/26/22 07:36	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**196**	ug/kg	74.4	9.7	4	08/26/22 07:47	08/26/22 20:10	83-32-9	
Acenaphthylene	**28.0J**	ug/kg	74.4	9.4	4	08/26/22 07:47	08/26/22 20:10	208-96-8	
Anthracene	**211**	ug/kg	74.4	9.2	4	08/26/22 07:47	08/26/22 20:10	120-12-7	
Benzo(a)anthracene	**199**	ug/kg	74.4	9.6	4	08/26/22 07:47	08/26/22 20:10	56-55-3	
Benzo(a)pyrene	**195**	ug/kg	74.4	8.5	4	08/26/22 07:47	08/26/22 20:10	50-32-8	
Benzo(b)fluoranthene	**309**	ug/kg	74.4	10.3	4	08/26/22 07:47	08/26/22 20:10	205-99-2	
Benzo(g,h,i)perylene	**96.7**	ug/kg	74.4	13.1	4	08/26/22 07:47	08/26/22 20:10	191-24-2	
Benzo(k)fluoranthene	**96.5**	ug/kg	74.4	9.5	4	08/26/22 07:47	08/26/22 20:10	207-08-9	
Chrysene	**248**	ug/kg	74.4	14.0	4	08/26/22 07:47	08/26/22 20:10	218-01-9	
Dibenz(a,h)anthracene	**28.1J**	ug/kg	74.4	10.3	4	08/26/22 07:47	08/26/22 20:10	53-70-3	
Fluoranthene	**596**	ug/kg	74.4	8.8	4	08/26/22 07:47	08/26/22 20:10	206-44-0	
Fluorene	**161**	ug/kg	74.4	8.9	4	08/26/22 07:47	08/26/22 20:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**80.4**	ug/kg	74.4	15.5	4	08/26/22 07:47	08/26/22 20:10	193-39-5	
1-Methylnaphthalene	**118**	ug/kg	74.4	10.9	4	08/26/22 07:47	08/26/22 20:10	90-12-0	
2-Methylnaphthalene	**144**	ug/kg	74.4	10.9	4	08/26/22 07:47	08/26/22 20:10	91-57-6	
Naphthalene	**241**	ug/kg	74.4	7.2	4	08/26/22 07:47	08/26/22 20:10	91-20-3	
Phenanthrene	**608**	ug/kg	74.4	8.5	4	08/26/22 07:47	08/26/22 20:10	85-01-8	
Pyrene	**483**	ug/kg	74.4	10.9	4	08/26/22 07:47	08/26/22 20:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	46	%	41-98		4	08/26/22 07:47	08/26/22 20:10	321-60-8	
Terphenyl-d14 (S)	57	%	37-106		4	08/26/22 07:47	08/26/22 20:10	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.6**	ug/kg	24.5	14.6	1	08/25/22 08:00	08/25/22 19:37	71-43-2	
Bromobenzene	**<23.9**	ug/kg	61.3	23.9	1	08/25/22 08:00	08/25/22 19:37	108-86-1	
Bromochloromethane	**<16.8**	ug/kg	61.3	16.8	1	08/25/22 08:00	08/25/22 19:37	74-97-5	
Bromodichloromethane	**<14.6**	ug/kg	61.3	14.6	1	08/25/22 08:00	08/25/22 19:37	75-27-4	
Bromoform	**<270**	ug/kg	307	270	1	08/25/22 08:00	08/25/22 19:37	75-25-2	
Bromomethane	**<86.0**	ug/kg	307	86.0	1	08/25/22 08:00	08/25/22 19:37	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-1 (3'-4') **Lab ID: 40250229002** Collected: 08/19/22 11:50 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<28.1**	ug/kg	61.3	28.1	1	08/25/22 08:00	08/25/22 19:37	104-51-8	
sec-Butylbenzene	**<15.0**	ug/kg	61.3	15.0	1	08/25/22 08:00	08/25/22 19:37	135-98-8	
tert-Butylbenzene	**<19.3**	ug/kg	61.3	19.3	1	08/25/22 08:00	08/25/22 19:37	98-06-6	
Carbon tetrachloride	**<13.5**	ug/kg	61.3	13.5	1	08/25/22 08:00	08/25/22 19:37	56-23-5	
Chlorobenzene	**<7.3**	ug/kg	61.3	7.3	1	08/25/22 08:00	08/25/22 19:37	108-90-7	
Chloroethane	**<25.9**	ug/kg	307	25.9	1	08/25/22 08:00	08/25/22 19:37	75-00-3	
Chloroform	**<43.9**	ug/kg	307	43.9	1	08/25/22 08:00	08/25/22 19:37	67-66-3	
Chloromethane	**<23.3**	ug/kg	61.3	23.3	1	08/25/22 08:00	08/25/22 19:37	74-87-3	
2-Chlorotoluene	**<19.9**	ug/kg	61.3	19.9	1	08/25/22 08:00	08/25/22 19:37	95-49-8	
4-Chlorotoluene	**<23.3**	ug/kg	61.3	23.3	1	08/25/22 08:00	08/25/22 19:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<47.6**	ug/kg	307	47.6	1	08/25/22 08:00	08/25/22 19:37	96-12-8	
Dibromochloromethane	**<210**	ug/kg	307	210	1	08/25/22 08:00	08/25/22 19:37	124-48-1	
1,2-Dibromoethane (EDB)	**<16.8**	ug/kg	61.3	16.8	1	08/25/22 08:00	08/25/22 19:37	106-93-4	
Dibromomethane	**<18.2**	ug/kg	61.3	18.2	1	08/25/22 08:00	08/25/22 19:37	74-95-3	
1,2-Dichlorobenzene	**<19.0**	ug/kg	61.3	19.0	1	08/25/22 08:00	08/25/22 19:37	95-50-1	
1,3-Dichlorobenzene	**<16.8**	ug/kg	61.3	16.8	1	08/25/22 08:00	08/25/22 19:37	541-73-1	
1,4-Dichlorobenzene	**<16.8**	ug/kg	61.3	16.8	1	08/25/22 08:00	08/25/22 19:37	106-46-7	
Dichlorodifluoromethane	**<26.4**	ug/kg	61.3	26.4	1	08/25/22 08:00	08/25/22 19:37	75-71-8	
1,1-Dichloroethane	**<15.7**	ug/kg	61.3	15.7	1	08/25/22 08:00	08/25/22 19:37	75-34-3	
1,2-Dichloroethane	**<14.1**	ug/kg	61.3	14.1	1	08/25/22 08:00	08/25/22 19:37	107-06-2	
1,1-Dichloroethene	**<20.4**	ug/kg	61.3	20.4	1	08/25/22 08:00	08/25/22 19:37	75-35-4	
cis-1,2-Dichloroethene	**<13.1**	ug/kg	61.3	13.1	1	08/25/22 08:00	08/25/22 19:37	156-59-2	
trans-1,2-Dichloroethene	**<13.2**	ug/kg	61.3	13.2	1	08/25/22 08:00	08/25/22 19:37	156-60-5	
1,2-Dichloropropane	**<14.6**	ug/kg	61.3	14.6	1	08/25/22 08:00	08/25/22 19:37	78-87-5	
1,3-Dichloropropane	**<13.4**	ug/kg	61.3	13.4	1	08/25/22 08:00	08/25/22 19:37	142-28-9	
2,2-Dichloropropane	**<16.6**	ug/kg	61.3	16.6	1	08/25/22 08:00	08/25/22 19:37	594-20-7	
1,1-Dichloropropene	**<19.9**	ug/kg	61.3	19.9	1	08/25/22 08:00	08/25/22 19:37	563-58-6	
cis-1,3-Dichloropropene	**<40.5**	ug/kg	307	40.5	1	08/25/22 08:00	08/25/22 19:37	10061-01-5	
trans-1,3-Dichloropropene	**<175**	ug/kg	307	175	1	08/25/22 08:00	08/25/22 19:37	10061-02-6	
Diisopropyl ether	**<15.2**	ug/kg	61.3	15.2	1	08/25/22 08:00	08/25/22 19:37	108-20-3	
Ethylbenzene	**59.2J**	ug/kg	61.3	14.6	1	08/25/22 08:00	08/25/22 19:37	100-41-4	
Hexachloro-1,3-butadiene	**<122**	ug/kg	307	122	1	08/25/22 08:00	08/25/22 19:37	87-68-3	
Isopropylbenzene (Cumene)	**39.3J**	ug/kg	61.3	16.6	1	08/25/22 08:00	08/25/22 19:37	98-82-8	
p-Isopropyltoluene	**<18.6**	ug/kg	61.3	18.6	1	08/25/22 08:00	08/25/22 19:37	99-87-6	
Methylene Chloride	**<17.0**	ug/kg	61.3	17.0	1	08/25/22 08:00	08/25/22 19:37	75-09-2	
Methyl-tert-butyl ether	**<18.0**	ug/kg	61.3	18.0	1	08/25/22 08:00	08/25/22 19:37	1634-04-4	
Naphthalene	**372**	ug/kg	307	19.1	1	08/25/22 08:00	08/25/22 19:37	91-20-3	
n-Propylbenzene	**50.1J**	ug/kg	61.3	14.7	1	08/25/22 08:00	08/25/22 19:37	103-65-1	
Styrene	**<15.7**	ug/kg	61.3	15.7	1	08/25/22 08:00	08/25/22 19:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.7**	ug/kg	61.3	14.7	1	08/25/22 08:00	08/25/22 19:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.2**	ug/kg	61.3	22.2	1	08/25/22 08:00	08/25/22 19:37	79-34-5	
Tetrachloroethene	**<23.8**	ug/kg	61.3	23.8	1	08/25/22 08:00	08/25/22 19:37	127-18-4	
Toluene	**91.5**	ug/kg	61.3	15.5	1	08/25/22 08:00	08/25/22 19:37	108-88-3	
1,2,3-Trichlorobenzene	**<68.3**	ug/kg	307	68.3	1	08/25/22 08:00	08/25/22 19:37	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-1 (3'-4') **Lab ID: 40250229002** Collected: 08/19/22 11:50 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<50.5**	ug/kg	307	50.5	1	08/25/22 08:00	08/25/22 19:37	120-82-1	
1,1,1-Trichloroethane	**<15.7**	ug/kg	61.3	15.7	1	08/25/22 08:00	08/25/22 19:37	71-55-6	
1,1,2-Trichloroethane	**<22.3**	ug/kg	61.3	22.3	1	08/25/22 08:00	08/25/22 19:37	79-00-5	
Trichloroethene	**<22.9**	ug/kg	61.3	22.9	1	08/25/22 08:00	08/25/22 19:37	79-01-6	
Trichlorofluoromethane	**<17.8**	ug/kg	61.3	17.8	1	08/25/22 08:00	08/25/22 19:37	75-69-4	
1,2,3-Trichloropropane	**<29.8**	ug/kg	61.3	29.8	1	08/25/22 08:00	08/25/22 19:37	96-18-4	
1,2,4-Trimethylbenzene	**126**	ug/kg	61.3	18.3	1	08/25/22 08:00	08/25/22 19:37	95-63-6	
1,3,5-Trimethylbenzene	**68.6**	ug/kg	61.3	19.7	1	08/25/22 08:00	08/25/22 19:37	108-67-8	
Vinyl chloride	**<12.4**	ug/kg	61.3	12.4	1	08/25/22 08:00	08/25/22 19:37	75-01-4	
Xylene (Total)	**211**	ug/kg	184	44.3	1	08/25/22 08:00	08/25/22 19:37	1330-20-7	
m&p-Xylene	**117J**	ug/kg	123	25.9	1	08/25/22 08:00	08/25/22 19:37	179601-23-1	
o-Xylene	**93.8**	ug/kg	61.3	18.4	1	08/25/22 08:00	08/25/22 19:37	95-47-6	
Surrogates									
Toluene-d8 (S)	127	%	69-153		1	08/25/22 08:00	08/25/22 19:37	2037-26-5	
4-Bromofluorobenzene (S)	136	%	68-156		1	08/25/22 08:00	08/25/22 19:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	124	%	71-161		1	08/25/22 08:00	08/25/22 19:37	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.2**	%	0.10	0.10	1		08/24/22 16:37		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: TB-01 **Lab ID: 40250229003** Collected: 08/19/22 11:50 Received: 08/23/22 08:10 Matrix: Solid

Results reported on a "wet-weight" basis

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	**<11.9**	ug/kg	20.0	11.9	1	08/26/22 07:45	08/26/22 13:41	71-43-2	
Bromobenzene	**<19.5**	ug/kg	50.0	19.5	1	08/26/22 07:45	08/26/22 13:41	108-86-1	
Bromochloromethane	**<13.7**	ug/kg	50.0	13.7	1	08/26/22 07:45	08/26/22 13:41	74-97-5	
Bromodichloromethane	**<11.9**	ug/kg	50.0	11.9	1	08/26/22 07:45	08/26/22 13:41	75-27-4	
Bromoform	**<220**	ug/kg	250	220	1	08/26/22 07:45	08/26/22 13:41	75-25-2	
Bromomethane	**<70.1**	ug/kg	250	70.1	1	08/26/22 07:45	08/26/22 13:41	74-83-9	
n-Butylbenzene	**<22.9**	ug/kg	50.0	22.9	1	08/26/22 07:45	08/26/22 13:41	104-51-8	
sec-Butylbenzene	**<12.2**	ug/kg	50.0	12.2	1	08/26/22 07:45	08/26/22 13:41	135-98-8	
tert-Butylbenzene	**<15.7**	ug/kg	50.0	15.7	1	08/26/22 07:45	08/26/22 13:41	98-06-6	
Carbon tetrachloride	**<11.0**	ug/kg	50.0	11.0	1	08/26/22 07:45	08/26/22 13:41	56-23-5	
Chlorobenzene	**<6.0**	ug/kg	50.0	6.0	1	08/26/22 07:45	08/26/22 13:41	108-90-7	
Chloroethane	**<21.1**	ug/kg	250	21.1	1	08/26/22 07:45	08/26/22 13:41	75-00-3	
Chloroform	**<35.8**	ug/kg	250	35.8	1	08/26/22 07:45	08/26/22 13:41	67-66-3	
Chloromethane	**<19.0**	ug/kg	50.0	19.0	1	08/26/22 07:45	08/26/22 13:41	74-87-3	
2-Chlorotoluene	**<16.2**	ug/kg	50.0	16.2	1	08/26/22 07:45	08/26/22 13:41	95-49-8	
4-Chlorotoluene	**<19.0**	ug/kg	50.0	19.0	1	08/26/22 07:45	08/26/22 13:41	106-43-4	
1,2-Dibromo-3-chloropropane	**<38.8**	ug/kg	250	38.8	1	08/26/22 07:45	08/26/22 13:41	96-12-8	
Dibromochloromethane	**<171**	ug/kg	250	171	1	08/26/22 07:45	08/26/22 13:41	124-48-1	
1,2-Dibromoethane (EDB)	**<13.7**	ug/kg	50.0	13.7	1	08/26/22 07:45	08/26/22 13:41	106-93-4	
Dibromomethane	**<14.8**	ug/kg	50.0	14.8	1	08/26/22 07:45	08/26/22 13:41	74-95-3	
1,2-Dichlorobenzene	**<15.5**	ug/kg	50.0	15.5	1	08/26/22 07:45	08/26/22 13:41	95-50-1	
1,3-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	08/26/22 07:45	08/26/22 13:41	541-73-1	
1,4-Dichlorobenzene	**<13.7**	ug/kg	50.0	13.7	1	08/26/22 07:45	08/26/22 13:41	106-46-7	
Dichlorodifluoromethane	**<21.5**	ug/kg	50.0	21.5	1	08/26/22 07:45	08/26/22 13:41	75-71-8	
1,1-Dichloroethane	**<12.8**	ug/kg	50.0	12.8	1	08/26/22 07:45	08/26/22 13:41	75-34-3	
1,2-Dichloroethane	**<11.5**	ug/kg	50.0	11.5	1	08/26/22 07:45	08/26/22 13:41	107-06-2	
1,1-Dichloroethene	**<16.6**	ug/kg	50.0	16.6	1	08/26/22 07:45	08/26/22 13:41	75-35-4	
cis-1,2-Dichloroethene	**<10.7**	ug/kg	50.0	10.7	1	08/26/22 07:45	08/26/22 13:41	156-59-2	
trans-1,2-Dichloroethene	**<10.8**	ug/kg	50.0	10.8	1	08/26/22 07:45	08/26/22 13:41	156-60-5	
1,2-Dichloropropane	**<11.9**	ug/kg	50.0	11.9	1	08/26/22 07:45	08/26/22 13:41	78-87-5	
1,3-Dichloropropane	**<10.9**	ug/kg	50.0	10.9	1	08/26/22 07:45	08/26/22 13:41	142-28-9	
2,2-Dichloropropane	**<13.5**	ug/kg	50.0	13.5	1	08/26/22 07:45	08/26/22 13:41	594-20-7	
1,1-Dichloropropene	**<16.2**	ug/kg	50.0	16.2	1	08/26/22 07:45	08/26/22 13:41	563-58-6	
cis-1,3-Dichloropropene	**<33.0**	ug/kg	250	33.0	1	08/26/22 07:45	08/26/22 13:41	10061-01-5	
trans-1,3-Dichloropropene	**<143**	ug/kg	250	143	1	08/26/22 07:45	08/26/22 13:41	10061-02-6	
Diisopropyl ether	**<12.4**	ug/kg	50.0	12.4	1	08/26/22 07:45	08/26/22 13:41	108-20-3	
Ethylbenzene	**<11.9**	ug/kg	50.0	11.9	1	08/26/22 07:45	08/26/22 13:41	100-41-4	
Hexachloro-1,3-butadiene	**<99.4**	ug/kg	250	99.4	1	08/26/22 07:45	08/26/22 13:41	87-68-3	
Isopropylbenzene (Cumene)	**<13.5**	ug/kg	50.0	13.5	1	08/26/22 07:45	08/26/22 13:41	98-82-8	
p-Isopropyltoluene	**<15.2**	ug/kg	50.0	15.2	1	08/26/22 07:45	08/26/22 13:41	99-87-6	
Methylene Chloride	**<13.9**	ug/kg	50.0	13.9	1	08/26/22 07:45	08/26/22 13:41	75-09-2	
Methyl-tert-butyl ether	**<14.7**	ug/kg	50.0	14.7	1	08/26/22 07:45	08/26/22 13:41	1634-04-4	
Naphthalene	**<15.6**	ug/kg	250	15.6	1	08/26/22 07:45	08/26/22 13:41	91-20-3	
n-Propylbenzene	**<12.0**	ug/kg	50.0	12.0	1	08/26/22 07:45	08/26/22 13:41	103-65-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: TB-01 **Lab ID: 40250229003** Collected: 08/19/22 11:50 Received: 08/23/22 08:10 Matrix: Solid

Results reported on a "wet-weight" basis

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								
Styrene	**<12.8**	ug/kg	50.0	12.8	1	08/26/22 07:45	08/26/22 13:41	100-42-5	
1,1,1,2-Tetrachloroethane	**<12.0**	ug/kg	50.0	12.0	1	08/26/22 07:45	08/26/22 13:41	630-20-6	
1,1,2,2-Tetrachloroethane	**<18.1**	ug/kg	50.0	18.1	1	08/26/22 07:45	08/26/22 13:41	79-34-5	
Tetrachloroethene	**<19.4**	ug/kg	50.0	19.4	1	08/26/22 07:45	08/26/22 13:41	127-18-4	
Toluene	**<12.6**	ug/kg	50.0	12.6	1	08/26/22 07:45	08/26/22 13:41	108-88-3	
1,2,3-Trichlorobenzene	**<55.7**	ug/kg	250	55.7	1	08/26/22 07:45	08/26/22 13:41	87-61-6	
1,2,4-Trichlorobenzene	**<41.2**	ug/kg	250	41.2	1	08/26/22 07:45	08/26/22 13:41	120-82-1	
1,1,1-Trichloroethane	**<12.8**	ug/kg	50.0	12.8	1	08/26/22 07:45	08/26/22 13:41	71-55-6	
1,1,2-Trichloroethane	**<18.2**	ug/kg	50.0	18.2	1	08/26/22 07:45	08/26/22 13:41	79-00-5	
Trichloroethene	**<18.7**	ug/kg	50.0	18.7	1	08/26/22 07:45	08/26/22 13:41	79-01-6	
Trichlorofluoromethane	**<14.5**	ug/kg	50.0	14.5	1	08/26/22 07:45	08/26/22 13:41	75-69-4	
1,2,3-Trichloropropane	**<24.3**	ug/kg	50.0	24.3	1	08/26/22 07:45	08/26/22 13:41	96-18-4	
1,2,4-Trimethylbenzene	**<14.9**	ug/kg	50.0	14.9	1	08/26/22 07:45	08/26/22 13:41	95-63-6	
1,3,5-Trimethylbenzene	**<16.1**	ug/kg	50.0	16.1	1	08/26/22 07:45	08/26/22 13:41	108-67-8	
Vinyl chloride	**<10.1**	ug/kg	50.0	10.1	1	08/26/22 07:45	08/26/22 13:41	75-01-4	
Xylene (Total)	**<36.1**	ug/kg	150	36.1	1	08/26/22 07:45	08/26/22 13:41	1330-20-7	
m&p-Xylene	**<21.1**	ug/kg	100	21.1	1	08/26/22 07:45	08/26/22 13:41	179601-23-1	
o-Xylene	**<15.0**	ug/kg	50.0	15.0	1	08/26/22 07:45	08/26/22 13:41	95-47-6	
Surrogates									
Toluene-d8 (S)	104	%	69-153		1	08/26/22 07:45	08/26/22 13:41	2037-26-5	
4-Bromofluorobenzene (S)	104	%	68-156		1	08/26/22 07:45	08/26/22 13:41	460-00-4	
1,2-Dichlorobenzene-d4 (S)	104	%	71-161		1	08/26/22 07:45	08/26/22 13:41	2199-69-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-2 (1'-2') **Lab ID: 40250229004** Collected: 08/19/22 11:20 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**3.5**	mg/kg	2.6	1.5	1	08/25/22 06:01	08/26/22 16:17	7440-38-2	
Barium	**44.0**	mg/kg	0.52	0.16	1	08/25/22 06:01	08/26/22 16:17	7440-39-3	
Cadmium	**1.0**	mg/kg	0.52	0.14	1	08/25/22 06:01	08/26/22 16:17	7440-43-9	
Chromium	**24.1**	mg/kg	1.0	0.29	1	08/25/22 06:01	08/26/22 16:17	7440-47-3	
Lead	**49.4**	mg/kg	2.1	0.63	1	08/25/22 06:01	08/26/22 16:17	7439-92-1	
Selenium	**<1.4**	mg/kg	4.2	1.4	1	08/25/22 06:01	08/26/22 16:17	7782-49-2	
Silver	**<0.32**	mg/kg	1.0	0.32	1	08/25/22 06:01	08/26/22 16:17	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.024J**	mg/kg	0.036	0.010	1	08/25/22 08:19	08/26/22 07:38	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**17.5J**	ug/kg	93.5	12.1	5	08/26/22 07:47	08/26/22 20:27	83-32-9	
Acenaphthylene	**<11.8**	ug/kg	93.5	11.8	5	08/26/22 07:47	08/26/22 20:27	208-96-8	
Anthracene	**38.0J**	ug/kg	93.5	11.6	5	08/26/22 07:47	08/26/22 20:27	120-12-7	
Benzo(a)anthracene	**110**	ug/kg	93.5	12.1	5	08/26/22 07:47	08/26/22 20:27	56-55-3	
Benzo(a)pyrene	**178**	ug/kg	93.5	10.6	5	08/26/22 07:47	08/26/22 20:27	50-32-8	
Benzo(b)fluoranthene	**251**	ug/kg	93.5	13.0	5	08/26/22 07:47	08/26/22 20:27	205-99-2	
Benzo(g,h,i)perylene	**102**	ug/kg	93.5	16.4	5	08/26/22 07:47	08/26/22 20:27	191-24-2	
Benzo(k)fluoranthene	**129**	ug/kg	93.5	12.0	5	08/26/22 07:47	08/26/22 20:27	207-08-9	
Chrysene	**229**	ug/kg	93.5	17.6	5	08/26/22 07:47	08/26/22 20:27	218-01-9	
Dibenz(a,h)anthracene	**21.5J**	ug/kg	93.5	12.9	5	08/26/22 07:47	08/26/22 20:27	53-70-3	
Fluoranthene	**313**	ug/kg	93.5	11.1	5	08/26/22 07:47	08/26/22 20:27	206-44-0	
Fluorene	**13.4J**	ug/kg	93.5	11.2	5	08/26/22 07:47	08/26/22 20:27	86-73-7	
Indeno(1,2,3-cd)pyrene	**65.8J**	ug/kg	93.5	19.5	5	08/26/22 07:47	08/26/22 20:27	193-39-5	
1-Methylnaphthalene	**<13.7**	ug/kg	93.5	13.7	5	08/26/22 07:47	08/26/22 20:27	90-12-0	
2-Methylnaphthalene	**14.1J**	ug/kg	93.5	13.7	5	08/26/22 07:47	08/26/22 20:27	91-57-6	
Naphthalene	**15.8J**	ug/kg	93.5	9.1	5	08/26/22 07:47	08/26/22 20:27	91-20-3	D3
Phenanthrene	**174**	ug/kg	93.5	10.7	5	08/26/22 07:47	08/26/22 20:27	85-01-8	
Pyrene	**298**	ug/kg	93.5	13.7	5	08/26/22 07:47	08/26/22 20:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	41-98		5	08/26/22 07:47	08/26/22 20:27	321-60-8	
Terphenyl-d14 (S)	76	%	37-106		5	08/26/22 07:47	08/26/22 20:27	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<30.4**	ug/kg	51.0	30.4	1	08/26/22 07:45	08/26/22 18:24	71-43-2	
Bromobenzene	**<49.8**	ug/kg	128	49.8	1	08/26/22 07:45	08/26/22 18:24	108-86-1	
Bromochloromethane	**<35.0**	ug/kg	128	35.0	1	08/26/22 07:45	08/26/22 18:24	74-97-5	
Bromodichloromethane	**<30.4**	ug/kg	128	30.4	1	08/26/22 07:45	08/26/22 18:24	75-27-4	
Bromoform	**<561**	ug/kg	638	561	1	08/26/22 07:45	08/26/22 18:24	75-25-2	
Bromomethane	**<179**	ug/kg	638	179	1	08/26/22 07:45	08/26/22 18:24	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-2 (1'-2') **Lab ID: 40250229004** Collected: 08/19/22 11:20 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<58.4**	ug/kg	128	58.4	1	08/26/22 07:45	08/26/22 18:24	104-51-8	
sec-Butylbenzene	**<31.1**	ug/kg	128	31.1	1	08/26/22 07:45	08/26/22 18:24	135-98-8	
tert-Butylbenzene	**<40.1**	ug/kg	128	40.1	1	08/26/22 07:45	08/26/22 18:24	98-06-6	
Carbon tetrachloride	**<28.1**	ug/kg	128	28.1	1	08/26/22 07:45	08/26/22 18:24	56-23-5	
Chlorobenzene	**<15.3**	ug/kg	128	15.3	1	08/26/22 07:45	08/26/22 18:24	108-90-7	
Chloroethane	**<53.8**	ug/kg	638	53.8	1	08/26/22 07:45	08/26/22 18:24	75-00-3	
Chloroform	**<91.4**	ug/kg	638	91.4	1	08/26/22 07:45	08/26/22 18:24	67-66-3	
Chloromethane	**<48.5**	ug/kg	128	48.5	1	08/26/22 07:45	08/26/22 18:24	74-87-3	
2-Chlorotoluene	**<41.3**	ug/kg	128	41.3	1	08/26/22 07:45	08/26/22 18:24	95-49-8	
4-Chlorotoluene	**<48.5**	ug/kg	128	48.5	1	08/26/22 07:45	08/26/22 18:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<99.0**	ug/kg	638	99.0	1	08/26/22 07:45	08/26/22 18:24	96-12-8	
Dibromochloromethane	**<436**	ug/kg	638	436	1	08/26/22 07:45	08/26/22 18:24	124-48-1	
1,2-Dibromoethane (EDB)	**<35.0**	ug/kg	128	35.0	1	08/26/22 07:45	08/26/22 18:24	106-93-4	
Dibromomethane	**<37.8**	ug/kg	128	37.8	1	08/26/22 07:45	08/26/22 18:24	74-95-3	
1,2-Dichlorobenzene	**<39.6**	ug/kg	128	39.6	1	08/26/22 07:45	08/26/22 18:24	95-50-1	
1,3-Dichlorobenzene	**<35.0**	ug/kg	128	35.0	1	08/26/22 07:45	08/26/22 18:24	541-73-1	
1,4-Dichlorobenzene	**<35.0**	ug/kg	128	35.0	1	08/26/22 07:45	08/26/22 18:24	106-46-7	
Dichlorodifluoromethane	**<54.9**	ug/kg	128	54.9	1	08/26/22 07:45	08/26/22 18:24	75-71-8	
1,1-Dichloroethane	**<32.7**	ug/kg	128	32.7	1	08/26/22 07:45	08/26/22 18:24	75-34-3	
1,2-Dichloroethane	**<29.3**	ug/kg	128	29.3	1	08/26/22 07:45	08/26/22 18:24	107-06-2	
1,1-Dichloroethene	**<42.4**	ug/kg	128	42.4	1	08/26/22 07:45	08/26/22 18:24	75-35-4	
cis-1,2-Dichloroethene	**<27.3**	ug/kg	128	27.3	1	08/26/22 07:45	08/26/22 18:24	156-59-2	
trans-1,2-Dichloroethene	**<27.6**	ug/kg	128	27.6	1	08/26/22 07:45	08/26/22 18:24	156-60-5	
1,2-Dichloropropane	**<30.4**	ug/kg	128	30.4	1	08/26/22 07:45	08/26/22 18:24	78-87-5	
1,3-Dichloropropane	**<27.8**	ug/kg	128	27.8	1	08/26/22 07:45	08/26/22 18:24	142-28-9	
2,2-Dichloropropane	**<34.4**	ug/kg	128	34.4	1	08/26/22 07:45	08/26/22 18:24	594-20-7	
1,1-Dichloropropene	**<41.3**	ug/kg	128	41.3	1	08/26/22 07:45	08/26/22 18:24	563-58-6	
cis-1,3-Dichloropropene	**<84.2**	ug/kg	638	84.2	1	08/26/22 07:45	08/26/22 18:24	10061-01-5	
trans-1,3-Dichloropropene	**<365**	ug/kg	638	365	1	08/26/22 07:45	08/26/22 18:24	10061-02-6	
Diisopropyl ether	**<31.6**	ug/kg	128	31.6	1	08/26/22 07:45	08/26/22 18:24	108-20-3	
Ethylbenzene	**<30.4**	ug/kg	128	30.4	1	08/26/22 07:45	08/26/22 18:24	100-41-4	
Hexachloro-1,3-butadiene	**<254**	ug/kg	638	254	1	08/26/22 07:45	08/26/22 18:24	87-68-3	
Isopropylbenzene (Cumene)	**<34.4**	ug/kg	128	34.4	1	08/26/22 07:45	08/26/22 18:24	98-82-8	
p-Isopropyltoluene	**<38.8**	ug/kg	128	38.8	1	08/26/22 07:45	08/26/22 18:24	99-87-6	
Methylene Chloride	**<35.5**	ug/kg	128	35.5	1	08/26/22 07:45	08/26/22 18:24	75-09-2	
Methyl-tert-butyl ether	**<37.5**	ug/kg	128	37.5	1	08/26/22 07:45	08/26/22 18:24	1634-04-4	
Naphthalene	**<39.8**	ug/kg	638	39.8	1	08/26/22 07:45	08/26/22 18:24	91-20-3	
n-Propylbenzene	**<30.6**	ug/kg	128	30.6	1	08/26/22 07:45	08/26/22 18:24	103-65-1	
Styrene	**<32.7**	ug/kg	128	32.7	1	08/26/22 07:45	08/26/22 18:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<30.6**	ug/kg	128	30.6	1	08/26/22 07:45	08/26/22 18:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<46.2**	ug/kg	128	46.2	1	08/26/22 07:45	08/26/22 18:24	79-34-5	
Tetrachloroethene	**<49.5**	ug/kg	128	49.5	1	08/26/22 07:45	08/26/22 18:24	127-18-4	
Toluene	**<32.2**	ug/kg	128	32.2	1	08/26/22 07:45	08/26/22 18:24	108-88-3	
1,2,3-Trichlorobenzene	**<142**	ug/kg	638	142	1	08/26/22 07:45	08/26/22 18:24	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-2 (1'-2') **Lab ID: 40250229004** Collected: 08/19/22 11:20 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<105**	ug/kg	638	105	1	08/26/22 07:45	08/26/22 18:24	120-82-1	
1,1,1-Trichloroethane	**<32.7**	ug/kg	128	32.7	1	08/26/22 07:45	08/26/22 18:24	71-55-6	
1,1,2-Trichloroethane	**<46.4**	ug/kg	128	46.4	1	08/26/22 07:45	08/26/22 18:24	79-00-5	
Trichloroethene	**<47.7**	ug/kg	128	47.7	1	08/26/22 07:45	08/26/22 18:24	79-01-6	
Trichlorofluoromethane	**<37.0**	ug/kg	128	37.0	1	08/26/22 07:45	08/26/22 18:24	75-69-4	
1,2,3-Trichloropropane	**<62.0**	ug/kg	128	62.0	1	08/26/22 07:45	08/26/22 18:24	96-18-4	
1,2,4-Trimethylbenzene	**<38.0**	ug/kg	128	38.0	1	08/26/22 07:45	08/26/22 18:24	95-63-6	
1,3,5-Trimethylbenzene	**<41.1**	ug/kg	128	41.1	1	08/26/22 07:45	08/26/22 18:24	108-67-8	
Vinyl chloride	**<25.8**	ug/kg	128	25.8	1	08/26/22 07:45	08/26/22 18:24	75-01-4	
Xylene (Total)	**<92.1**	ug/kg	383	92.1	1	08/26/22 07:45	08/26/22 18:24	1330-20-7	
m&p-Xylene	**<53.8**	ug/kg	255	53.8	1	08/26/22 07:45	08/26/22 18:24	179601-23-1	
o-Xylene	**<38.3**	ug/kg	128	38.3	1	08/26/22 07:45	08/26/22 18:24	95-47-6	
Surrogates									
Toluene-d8 (S)	117	%	69-153		1	08/26/22 07:45	08/26/22 18:24	2037-26-5	
4-Bromofluorobenzene (S)	132	%	68-156		1	08/26/22 07:45	08/26/22 18:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	119	%	71-161		1	08/26/22 07:45	08/26/22 18:24	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.6**	%	0.10	0.10	1		08/24/22 16:37		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-2 (3'-4') **Lab ID: 40250229005** Collected: 08/19/22 11:30 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**1.9J**	mg/kg	2.6	1.5	1	08/25/22 06:01	08/26/22 16:22	7440-38-2	
Barium	**19.6**	mg/kg	0.53	0.16	1	08/25/22 06:01	08/26/22 16:22	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.53	0.14	1	08/25/22 06:01	08/26/22 16:22	7440-43-9	
Chromium	**7.2**	mg/kg	1.1	0.29	1	08/25/22 06:01	08/26/22 16:22	7440-47-3	
Lead	**15.2**	mg/kg	2.1	0.63	1	08/25/22 06:01	08/26/22 16:22	7439-92-1	
Selenium	**<1.4**	mg/kg	4.2	1.4	1	08/25/22 06:01	08/26/22 16:22	7782-49-2	
Silver	**<0.32**	mg/kg	1.1	0.32	1	08/25/22 06:01	08/26/22 16:22	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.029J**	mg/kg	0.037	0.011	1	08/25/22 08:19	08/26/22 07:40	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**95.8**	ug/kg	91.7	11.9	5	08/26/22 07:47	08/26/22 17:35	83-32-9	
Acenaphthylene	**18.1J**	ug/kg	91.7	11.6	5	08/26/22 07:47	08/26/22 17:35	208-96-8	
Anthracene	**167**	ug/kg	91.7	11.4	5	08/26/22 07:47	08/26/22 17:35	120-12-7	
Benzo(a)anthracene	**350**	ug/kg	91.7	11.9	5	08/26/22 07:47	08/26/22 17:35	56-55-3	
Benzo(a)pyrene	**440**	ug/kg	91.7	10.4	5	08/26/22 07:47	08/26/22 17:35	50-32-8	
Benzo(b)fluoranthene	**635**	ug/kg	91.7	12.7	5	08/26/22 07:47	08/26/22 17:35	205-99-2	
Benzo(g,h,i)perylene	**277**	ug/kg	91.7	16.1	5	08/26/22 07:47	08/26/22 17:35	191-24-2	
Benzo(k)fluoranthene	**258**	ug/kg	91.7	11.7	5	08/26/22 07:47	08/26/22 17:35	207-08-9	
Chrysene	**567**	ug/kg	91.7	17.3	5	08/26/22 07:47	08/26/22 17:35	218-01-9	
Dibenz(a,h)anthracene	**72.8J**	ug/kg	91.7	12.7	5	08/26/22 07:47	08/26/22 17:35	53-70-3	
Fluoranthene	**1140**	ug/kg	91.7	10.9	5	08/26/22 07:47	08/26/22 17:35	206-44-0	
Fluorene	**86.5J**	ug/kg	91.7	11.0	5	08/26/22 07:47	08/26/22 17:35	86-73-7	
Indeno(1,2,3-cd)pyrene	**205**	ug/kg	91.7	19.1	5	08/26/22 07:47	08/26/22 17:35	193-39-5	
1-Methylnaphthalene	**35.7J**	ug/kg	91.7	13.4	5	08/26/22 07:47	08/26/22 17:35	90-12-0	
2-Methylnaphthalene	**43.8J**	ug/kg	91.7	13.4	5	08/26/22 07:47	08/26/22 17:35	91-57-6	
Naphthalene	**44.7J**	ug/kg	91.7	8.9	5	08/26/22 07:47	08/26/22 17:35	91-20-3	
Phenanthrene	**865**	ug/kg	91.7	10.5	5	08/26/22 07:47	08/26/22 17:35	85-01-8	
Pyrene	**880**	ug/kg	91.7	13.5	5	08/26/22 07:47	08/26/22 17:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	53	%	41-98		5	08/26/22 07:47	08/26/22 17:35	321-60-8	
Terphenyl-d14 (S)	63	%	37-106		5	08/26/22 07:47	08/26/22 17:35	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<16.0**	ug/kg	26.9	16.0	1	08/26/22 07:45	08/26/22 18:44	71-43-2	
Bromobenzene	**<26.2**	ug/kg	67.2	26.2	1	08/26/22 07:45	08/26/22 18:44	108-86-1	
Bromochloromethane	**<18.4**	ug/kg	67.2	18.4	1	08/26/22 07:45	08/26/22 18:44	74-97-5	
Bromodichloromethane	**<16.0**	ug/kg	67.2	16.0	1	08/26/22 07:45	08/26/22 18:44	75-27-4	
Bromoform	**<296**	ug/kg	336	296	1	08/26/22 07:45	08/26/22 18:44	75-25-2	
Bromomethane	**<94.3**	ug/kg	336	94.3	1	08/26/22 07:45	08/26/22 18:44	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-2 (3'-4') **Lab ID: 40250229005** Collected: 08/19/22 11:30 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<30.8**	ug/kg	67.2	30.8	1	08/26/22 07:45	08/26/22 18:44	104-51-8	
sec-Butylbenzene	**<16.4**	ug/kg	67.2	16.4	1	08/26/22 07:45	08/26/22 18:44	135-98-8	
tert-Butylbenzene	**<21.1**	ug/kg	67.2	21.1	1	08/26/22 07:45	08/26/22 18:44	98-06-6	
Carbon tetrachloride	**<14.8**	ug/kg	67.2	14.8	1	08/26/22 07:45	08/26/22 18:44	56-23-5	
Chlorobenzene	**<8.1**	ug/kg	67.2	8.1	1	08/26/22 07:45	08/26/22 18:44	108-90-7	
Chloroethane	**<28.4**	ug/kg	336	28.4	1	08/26/22 07:45	08/26/22 18:44	75-00-3	
Chloroform	**<48.1**	ug/kg	336	48.1	1	08/26/22 07:45	08/26/22 18:44	67-66-3	
Chloromethane	**<25.6**	ug/kg	67.2	25.6	1	08/26/22 07:45	08/26/22 18:44	74-87-3	
2-Chlorotoluene	**<21.8**	ug/kg	67.2	21.8	1	08/26/22 07:45	08/26/22 18:44	95-49-8	
4-Chlorotoluene	**<25.6**	ug/kg	67.2	25.6	1	08/26/22 07:45	08/26/22 18:44	106-43-4	
1,2-Dibromo-3-chloropropane	**<52.2**	ug/kg	336	52.2	1	08/26/22 07:45	08/26/22 18:44	96-12-8	
Dibromochloromethane	**<230**	ug/kg	336	230	1	08/26/22 07:45	08/26/22 18:44	124-48-1	
1,2-Dibromoethane (EDB)	**<18.4**	ug/kg	67.2	18.4	1	08/26/22 07:45	08/26/22 18:44	106-93-4	
Dibromomethane	**<19.9**	ug/kg	67.2	19.9	1	08/26/22 07:45	08/26/22 18:44	74-95-3	
1,2-Dichlorobenzene	**<20.8**	ug/kg	67.2	20.8	1	08/26/22 07:45	08/26/22 18:44	95-50-1	
1,3-Dichlorobenzene	**<18.4**	ug/kg	67.2	18.4	1	08/26/22 07:45	08/26/22 18:44	541-73-1	
1,4-Dichlorobenzene	**<18.4**	ug/kg	67.2	18.4	1	08/26/22 07:45	08/26/22 18:44	106-46-7	
Dichlorodifluoromethane	**<28.9**	ug/kg	67.2	28.9	1	08/26/22 07:45	08/26/22 18:44	75-71-8	
1,1-Dichloroethane	**<17.2**	ug/kg	67.2	17.2	1	08/26/22 07:45	08/26/22 18:44	75-34-3	
1,2-Dichloroethane	**<15.5**	ug/kg	67.2	15.5	1	08/26/22 07:45	08/26/22 18:44	107-06-2	
1,1-Dichloroethene	**<22.3**	ug/kg	67.2	22.3	1	08/26/22 07:45	08/26/22 18:44	75-35-4	
cis-1,2-Dichloroethene	**<14.4**	ug/kg	67.2	14.4	1	08/26/22 07:45	08/26/22 18:44	156-59-2	
trans-1,2-Dichloroethene	**<14.5**	ug/kg	67.2	14.5	1	08/26/22 07:45	08/26/22 18:44	156-60-5	
1,2-Dichloropropane	**<16.0**	ug/kg	67.2	16.0	1	08/26/22 07:45	08/26/22 18:44	78-87-5	
1,3-Dichloropropane	**<14.7**	ug/kg	67.2	14.7	1	08/26/22 07:45	08/26/22 18:44	142-28-9	
2,2-Dichloropropane	**<18.2**	ug/kg	67.2	18.2	1	08/26/22 07:45	08/26/22 18:44	594-20-7	
1,1-Dichloropropene	**<21.8**	ug/kg	67.2	21.8	1	08/26/22 07:45	08/26/22 18:44	563-58-6	
cis-1,3-Dichloropropene	**<44.4**	ug/kg	336	44.4	1	08/26/22 07:45	08/26/22 18:44	10061-01-5	
trans-1,3-Dichloropropene	**<192**	ug/kg	336	192	1	08/26/22 07:45	08/26/22 18:44	10061-02-6	
Diisopropyl ether	**<16.7**	ug/kg	67.2	16.7	1	08/26/22 07:45	08/26/22 18:44	108-20-3	
Ethylbenzene	**<16.0**	ug/kg	67.2	16.0	1	08/26/22 07:45	08/26/22 18:44	100-41-4	
Hexachloro-1,3-butadiene	**<134**	ug/kg	336	134	1	08/26/22 07:45	08/26/22 18:44	87-68-3	
Isopropylbenzene (Cumene)	**<18.2**	ug/kg	67.2	18.2	1	08/26/22 07:45	08/26/22 18:44	98-82-8	
p-Isopropyltoluene	**<20.4**	ug/kg	67.2	20.4	1	08/26/22 07:45	08/26/22 18:44	99-87-6	
Methylene Chloride	**<18.7**	ug/kg	67.2	18.7	1	08/26/22 07:45	08/26/22 18:44	75-09-2	
Methyl-tert-butyl ether	**<19.8**	ug/kg	67.2	19.8	1	08/26/22 07:45	08/26/22 18:44	1634-04-4	
Naphthalene	**<21.0**	ug/kg	336	21.0	1	08/26/22 07:45	08/26/22 18:44	91-20-3	
n-Propylbenzene	**<16.1**	ug/kg	67.2	16.1	1	08/26/22 07:45	08/26/22 18:44	103-65-1	
Styrene	**<17.2**	ug/kg	67.2	17.2	1	08/26/22 07:45	08/26/22 18:44	100-42-5	
1,1,1,2-Tetrachloroethane	**<16.1**	ug/kg	67.2	16.1	1	08/26/22 07:45	08/26/22 18:44	630-20-6	
1,1,2,2-Tetrachloroethane	**<24.3**	ug/kg	67.2	24.3	1	08/26/22 07:45	08/26/22 18:44	79-34-5	
Tetrachloroethene	**<26.1**	ug/kg	67.2	26.1	1	08/26/22 07:45	08/26/22 18:44	127-18-4	
Toluene	**<16.9**	ug/kg	67.2	16.9	1	08/26/22 07:45	08/26/22 18:44	108-88-3	
1,2,3-Trichlorobenzene	**<74.9**	ug/kg	336	74.9	1	08/26/22 07:45	08/26/22 18:44	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-2 (3'-4') **Lab ID: 40250229005** Collected: 08/19/22 11:30 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<55.4**	ug/kg	336	55.4	1	08/26/22 07:45	08/26/22 18:44	120-82-1	
1,1,1-Trichloroethane	**<17.2**	ug/kg	67.2	17.2	1	08/26/22 07:45	08/26/22 18:44	71-55-6	
1,1,2-Trichloroethane	**<24.5**	ug/kg	67.2	24.5	1	08/26/22 07:45	08/26/22 18:44	79-00-5	
Trichloroethene	**<25.2**	ug/kg	67.2	25.2	1	08/26/22 07:45	08/26/22 18:44	79-01-6	
Trichlorofluoromethane	**<19.5**	ug/kg	67.2	19.5	1	08/26/22 07:45	08/26/22 18:44	75-69-4	
1,2,3-Trichloropropane	**<32.7**	ug/kg	67.2	32.7	1	08/26/22 07:45	08/26/22 18:44	96-18-4	
1,2,4-Trimethylbenzene	**<20.0**	ug/kg	67.2	20.0	1	08/26/22 07:45	08/26/22 18:44	95-63-6	
1,3,5-Trimethylbenzene	**<21.7**	ug/kg	67.2	21.7	1	08/26/22 07:45	08/26/22 18:44	108-67-8	
Vinyl chloride	**<13.6**	ug/kg	67.2	13.6	1	08/26/22 07:45	08/26/22 18:44	75-01-4	
Xylene (Total)	**<48.6**	ug/kg	202	48.6	1	08/26/22 07:45	08/26/22 18:44	1330-20-7	
m&p-Xylene	**<28.4**	ug/kg	134	28.4	1	08/26/22 07:45	08/26/22 18:44	179601-23-1	
o-Xylene	**<20.2**	ug/kg	67.2	20.2	1	08/26/22 07:45	08/26/22 18:44	95-47-6	
Surrogates									
Toluene-d8 (S)	123	%	69-153		1	08/26/22 07:45	08/26/22 18:44	2037-26-5	
4-Bromofluorobenzene (S)	132	%	68-156		1	08/26/22 07:45	08/26/22 18:44	460-00-4	
1,2-Dichlorobenzene-d4 (S)	121	%	71-161		1	08/26/22 07:45	08/26/22 18:44	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.9**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-3 (1'-2') **Lab ID: 40250229006** Collected: 08/19/22 11:00 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**1.6J**	mg/kg	2.6	1.5	1	08/25/22 06:01	08/26/22 16:24	7440-38-2	
Barium	**23.2**	mg/kg	0.52	0.16	1	08/25/22 06:01	08/26/22 16:24	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.52	0.14	1	08/25/22 06:01	08/26/22 16:24	7440-43-9	
Chromium	**7.9**	mg/kg	1.0	0.29	1	08/25/22 06:01	08/26/22 16:24	7440-47-3	
Lead	**26.1**	mg/kg	2.1	0.63	1	08/25/22 06:01	08/26/22 16:24	7439-92-1	
Selenium	**<1.4**	mg/kg	4.2	1.4	1	08/25/22 06:01	08/26/22 16:24	7782-49-2	
Silver	**<0.32**	mg/kg	1.0	0.32	1	08/25/22 06:01	08/26/22 16:24	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.031J**	mg/kg	0.034	0.0098	1	08/25/22 08:19	08/26/22 07:43	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**8.0J**	ug/kg	18.0	2.3	1	08/26/22 07:47	08/26/22 16:26	83-32-9	
Acenaphthylene	**11.4J**	ug/kg	18.0	2.3	1	08/26/22 07:47	08/26/22 16:26	208-96-8	
Anthracene	**22.9**	ug/kg	18.0	2.2	1	08/26/22 07:47	08/26/22 16:26	120-12-7	
Benzo(a)anthracene	**52.6**	ug/kg	18.0	2.3	1	08/26/22 07:47	08/26/22 16:26	56-55-3	
Benzo(a)pyrene	**64.6**	ug/kg	18.0	2.0	1	08/26/22 07:47	08/26/22 16:26	50-32-8	
Benzo(b)fluoranthene	**87.6**	ug/kg	18.0	2.5	1	08/26/22 07:47	08/26/22 16:26	205-99-2	
Benzo(g,h,i)perylene	**45.0**	ug/kg	18.0	3.2	1	08/26/22 07:47	08/26/22 16:26	191-24-2	
Benzo(k)fluoranthene	**28.5**	ug/kg	18.0	2.3	1	08/26/22 07:47	08/26/22 16:26	207-08-9	
Chrysene	**64.9**	ug/kg	18.0	3.4	1	08/26/22 07:47	08/26/22 16:26	218-01-9	
Dibenz(a,h)anthracene	**11.4J**	ug/kg	18.0	2.5	1	08/26/22 07:47	08/26/22 16:26	53-70-3	
Fluoranthene	**119**	ug/kg	18.0	2.1	1	08/26/22 07:47	08/26/22 16:26	206-44-0	
Fluorene	**7.7J**	ug/kg	18.0	2.2	1	08/26/22 07:47	08/26/22 16:26	86-73-7	
Indeno(1,2,3-cd)pyrene	**35.4**	ug/kg	18.0	3.8	1	08/26/22 07:47	08/26/22 16:26	193-39-5	
1-Methylnaphthalene	**9.7J**	ug/kg	18.0	2.6	1	08/26/22 07:47	08/26/22 16:26	90-12-0	
2-Methylnaphthalene	**12.1J**	ug/kg	18.0	2.6	1	08/26/22 07:47	08/26/22 16:26	91-57-6	
Naphthalene	**16.5J**	ug/kg	18.0	1.8	1	08/26/22 07:47	08/26/22 16:26	91-20-3	
Phenanthrene	**72.3**	ug/kg	18.0	2.1	1	08/26/22 07:47	08/26/22 16:26	85-01-8	
Pyrene	**129**	ug/kg	18.0	2.6	1	08/26/22 07:47	08/26/22 16:26	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	67	%	41-98		1	08/26/22 07:47	08/26/22 16:26	321-60-8	
Terphenyl-d14 (S)	79	%	37-106		1	08/26/22 07:47	08/26/22 16:26	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<13.8**	ug/kg	23.2	13.8	1	08/26/22 07:45	08/26/22 19:04	71-43-2	
Bromobenzene	**<22.6**	ug/kg	57.9	22.6	1	08/26/22 07:45	08/26/22 19:04	108-86-1	
Bromochloromethane	**<15.9**	ug/kg	57.9	15.9	1	08/26/22 07:45	08/26/22 19:04	74-97-5	
Bromodichloromethane	**<13.8**	ug/kg	57.9	13.8	1	08/26/22 07:45	08/26/22 19:04	75-27-4	
Bromoform	**<255**	ug/kg	290	255	1	08/26/22 07:45	08/26/22 19:04	75-25-2	
Bromomethane	**<81.2**	ug/kg	290	81.2	1	08/26/22 07:45	08/26/22 19:04	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-3 (1'-2') **Lab ID: 40250229006** Collected: 08/19/22 11:00 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<26.5**	ug/kg	57.9	26.5	1	08/26/22 07:45	08/26/22 19:04	104-51-8	
sec-Butylbenzene	**<14.1**	ug/kg	57.9	14.1	1	08/26/22 07:45	08/26/22 19:04	135-98-8	
tert-Butylbenzene	**<18.2**	ug/kg	57.9	18.2	1	08/26/22 07:45	08/26/22 19:04	98-06-6	
Carbon tetrachloride	**<12.7**	ug/kg	57.9	12.7	1	08/26/22 07:45	08/26/22 19:04	56-23-5	
Chlorobenzene	**<6.9**	ug/kg	57.9	6.9	1	08/26/22 07:45	08/26/22 19:04	108-90-7	
Chloroethane	**<24.4**	ug/kg	290	24.4	1	08/26/22 07:45	08/26/22 19:04	75-00-3	
Chloroform	**<41.5**	ug/kg	290	41.5	1	08/26/22 07:45	08/26/22 19:04	67-66-3	
Chloromethane	**<22.0**	ug/kg	57.9	22.0	1	08/26/22 07:45	08/26/22 19:04	74-87-3	
2-Chlorotoluene	**<18.8**	ug/kg	57.9	18.8	1	08/26/22 07:45	08/26/22 19:04	95-49-8	
4-Chlorotoluene	**<22.0**	ug/kg	57.9	22.0	1	08/26/22 07:45	08/26/22 19:04	106-43-4	
1,2-Dibromo-3-chloropropane	**<44.9**	ug/kg	290	44.9	1	08/26/22 07:45	08/26/22 19:04	96-12-8	
Dibromochloromethane	**<198**	ug/kg	290	198	1	08/26/22 07:45	08/26/22 19:04	124-48-1	
1,2-Dibromoethane (EDB)	**<15.9**	ug/kg	57.9	15.9	1	08/26/22 07:45	08/26/22 19:04	106-93-4	
Dibromomethane	**<17.1**	ug/kg	57.9	17.1	1	08/26/22 07:45	08/26/22 19:04	74-95-3	
1,2-Dichlorobenzene	**<18.0**	ug/kg	57.9	18.0	1	08/26/22 07:45	08/26/22 19:04	95-50-1	
1,3-Dichlorobenzene	**<15.9**	ug/kg	57.9	15.9	1	08/26/22 07:45	08/26/22 19:04	541-73-1	
1,4-Dichlorobenzene	**<15.9**	ug/kg	57.9	15.9	1	08/26/22 07:45	08/26/22 19:04	106-46-7	
Dichlorodifluoromethane	**<24.9**	ug/kg	57.9	24.9	1	08/26/22 07:45	08/26/22 19:04	75-71-8	
1,1-Dichloroethane	**<14.8**	ug/kg	57.9	14.8	1	08/26/22 07:45	08/26/22 19:04	75-34-3	
1,2-Dichloroethane	**<13.3**	ug/kg	57.9	13.3	1	08/26/22 07:45	08/26/22 19:04	107-06-2	
1,1-Dichloroethene	**<19.2**	ug/kg	57.9	19.2	1	08/26/22 07:45	08/26/22 19:04	75-35-4	
cis-1,2-Dichloroethene	**<12.4**	ug/kg	57.9	12.4	1	08/26/22 07:45	08/26/22 19:04	156-59-2	
trans-1,2-Dichloroethene	**<12.5**	ug/kg	57.9	12.5	1	08/26/22 07:45	08/26/22 19:04	156-60-5	
1,2-Dichloropropane	**<13.8**	ug/kg	57.9	13.8	1	08/26/22 07:45	08/26/22 19:04	78-87-5	
1,3-Dichloropropane	**<12.6**	ug/kg	57.9	12.6	1	08/26/22 07:45	08/26/22 19:04	142-28-9	
2,2-Dichloropropane	**<15.6**	ug/kg	57.9	15.6	1	08/26/22 07:45	08/26/22 19:04	594-20-7	
1,1-Dichloropropene	**<18.8**	ug/kg	57.9	18.8	1	08/26/22 07:45	08/26/22 19:04	563-58-6	
cis-1,3-Dichloropropene	**<38.2**	ug/kg	290	38.2	1	08/26/22 07:45	08/26/22 19:04	10061-01-5	
trans-1,3-Dichloropropene	**<166**	ug/kg	290	166	1	08/26/22 07:45	08/26/22 19:04	10061-02-6	
Diisopropyl ether	**<14.4**	ug/kg	57.9	14.4	1	08/26/22 07:45	08/26/22 19:04	108-20-3	
Ethylbenzene	**<13.8**	ug/kg	57.9	13.8	1	08/26/22 07:45	08/26/22 19:04	100-41-4	
Hexachloro-1,3-butadiene	**<115**	ug/kg	290	115	1	08/26/22 07:45	08/26/22 19:04	87-68-3	
Isopropylbenzene (Cumene)	**<15.6**	ug/kg	57.9	15.6	1	08/26/22 07:45	08/26/22 19:04	98-82-8	
p-Isopropyltoluene	**<17.6**	ug/kg	57.9	17.6	1	08/26/22 07:45	08/26/22 19:04	99-87-6	
Methylene Chloride	**<16.1**	ug/kg	57.9	16.1	1	08/26/22 07:45	08/26/22 19:04	75-09-2	
Methyl-tert-butyl ether	**<17.0**	ug/kg	57.9	17.0	1	08/26/22 07:45	08/26/22 19:04	1634-04-4	
Naphthalene	**<18.1**	ug/kg	290	18.1	1	08/26/22 07:45	08/26/22 19:04	91-20-3	
n-Propylbenzene	**<13.9**	ug/kg	57.9	13.9	1	08/26/22 07:45	08/26/22 19:04	103-65-1	
Styrene	**<14.8**	ug/kg	57.9	14.8	1	08/26/22 07:45	08/26/22 19:04	100-42-5	
1,1,1,2-Tetrachloroethane	**<13.9**	ug/kg	57.9	13.9	1	08/26/22 07:45	08/26/22 19:04	630-20-6	
1,1,2,2-Tetrachloroethane	**<21.0**	ug/kg	57.9	21.0	1	08/26/22 07:45	08/26/22 19:04	79-34-5	
Tetrachloroethene	**<22.5**	ug/kg	57.9	22.5	1	08/26/22 07:45	08/26/22 19:04	127-18-4	
Toluene	**<14.6**	ug/kg	57.9	14.6	1	08/26/22 07:45	08/26/22 19:04	108-88-3	
1,2,3-Trichlorobenzene	**<64.5**	ug/kg	290	64.5	1	08/26/22 07:45	08/26/22 19:04	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-3 (1'-2') **Lab ID: 40250229006** Collected: 08/19/22 11:00 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<47.7**	ug/kg	290	47.7	1	08/26/22 07:45	08/26/22 19:04	120-82-1	
1,1,1-Trichloroethane	**<14.8**	ug/kg	57.9	14.8	1	08/26/22 07:45	08/26/22 19:04	71-55-6	
1,1,2-Trichloroethane	**<21.1**	ug/kg	57.9	21.1	1	08/26/22 07:45	08/26/22 19:04	79-00-5	
Trichloroethene	**<21.7**	ug/kg	57.9	21.7	1	08/26/22 07:45	08/26/22 19:04	79-01-6	
Trichlorofluoromethane	**<16.8**	ug/kg	57.9	16.8	1	08/26/22 07:45	08/26/22 19:04	75-69-4	
1,2,3-Trichloropropane	**<28.1**	ug/kg	57.9	28.1	1	08/26/22 07:45	08/26/22 19:04	96-18-4	
1,2,4-Trimethylbenzene	**<17.3**	ug/kg	57.9	17.3	1	08/26/22 07:45	08/26/22 19:04	95-63-6	
1,3,5-Trimethylbenzene	**<18.6**	ug/kg	57.9	18.6	1	08/26/22 07:45	08/26/22 19:04	108-67-8	
Vinyl chloride	**<11.7**	ug/kg	57.9	11.7	1	08/26/22 07:45	08/26/22 19:04	75-01-4	
Xylene (Total)	**<41.8**	ug/kg	174	41.8	1	08/26/22 07:45	08/26/22 19:04	1330-20-7	
m&p-Xylene	**<24.4**	ug/kg	116	24.4	1	08/26/22 07:45	08/26/22 19:04	179601-23-1	
o-Xylene	**<17.4**	ug/kg	57.9	17.4	1	08/26/22 07:45	08/26/22 19:04	95-47-6	
Surrogates									
Toluene-d8 (S)	129	%	69-153		1	08/26/22 07:45	08/26/22 19:04	2037-26-5	
4-Bromofluorobenzene (S)	136	%	68-156		1	08/26/22 07:45	08/26/22 19:04	460-00-4	
1,2-Dichlorobenzene-d4 (S)	125	%	71-161		1	08/26/22 07:45	08/26/22 19:04	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.3**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-3 (4'-5') **Lab ID: 40250229007** Collected: 08/19/22 11:10 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**1.8J**	mg/kg	2.8	1.7	1	08/25/22 06:01	08/26/22 16:27	7440-38-2	
Barium	**33.4**	mg/kg	0.57	0.17	1	08/25/22 06:01	08/26/22 16:27	7440-39-3	
Cadmium	**0.25J**	mg/kg	0.57	0.15	1	08/25/22 06:01	08/26/22 16:27	7440-43-9	
Chromium	**11.8**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/26/22 16:27	7440-47-3	
Lead	**11.1**	mg/kg	2.3	0.68	1	08/25/22 06:01	08/26/22 16:27	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	08/25/22 06:01	08/26/22 16:27	7782-49-2	
Silver	**<0.35**	mg/kg	1.1	0.35	1	08/25/22 06:01	08/26/22 16:27	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.019J**	mg/kg	0.040	0.011	1	08/25/22 08:19	08/26/22 07:45	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**6.6J**	ug/kg	19.2	2.5	1	08/26/22 07:47	08/26/22 17:52	83-32-9	
Acenaphthylene	**5.4J**	ug/kg	19.2	2.4	1	08/26/22 07:47	08/26/22 17:52	208-96-8	
Anthracene	**8.0J**	ug/kg	19.2	2.4	1	08/26/22 07:47	08/26/22 17:52	120-12-7	
Benzo(a)anthracene	**44.6**	ug/kg	19.2	2.5	1	08/26/22 07:47	08/26/22 17:52	56-55-3	
Benzo(a)pyrene	**56.1**	ug/kg	19.2	2.2	1	08/26/22 07:47	08/26/22 17:52	50-32-8	
Benzo(b)fluoranthene	**86.8**	ug/kg	19.2	2.7	1	08/26/22 07:47	08/26/22 17:52	205-99-2	
Benzo(g,h,i)perylene	**36.8**	ug/kg	19.2	3.4	1	08/26/22 07:47	08/26/22 17:52	191-24-2	
Benzo(k)fluoranthene	**30.8**	ug/kg	19.2	2.4	1	08/26/22 07:47	08/26/22 17:52	207-08-9	
Chrysene	**63.6**	ug/kg	19.2	3.6	1	08/26/22 07:47	08/26/22 17:52	218-01-9	
Dibenz(a,h)anthracene	**10.1J**	ug/kg	19.2	2.7	1	08/26/22 07:47	08/26/22 17:52	53-70-3	
Fluoranthene	**93.6**	ug/kg	19.2	2.3	1	08/26/22 07:47	08/26/22 17:52	206-44-0	
Fluorene	**4.1J**	ug/kg	19.2	2.3	1	08/26/22 07:47	08/26/22 17:52	86-73-7	
Indeno(1,2,3-cd)pyrene	**29.4**	ug/kg	19.2	4.0	1	08/26/22 07:47	08/26/22 17:52	193-39-5	
1-Methylnaphthalene	**70.2**	ug/kg	19.2	2.8	1	08/26/22 07:47	08/26/22 17:52	90-12-0	
2-Methylnaphthalene	**80.8**	ug/kg	19.2	2.8	1	08/26/22 07:47	08/26/22 17:52	91-57-6	
Naphthalene	**53.2**	ug/kg	19.2	1.9	1	08/26/22 07:47	08/26/22 17:52	91-20-3	
Phenanthrene	**61.3**	ug/kg	19.2	2.2	1	08/26/22 07:47	08/26/22 17:52	85-01-8	
Pyrene	**85.2**	ug/kg	19.2	2.8	1	08/26/22 07:47	08/26/22 17:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	58	%	41-98		1	08/26/22 07:47	08/26/22 17:52	321-60-8	
Terphenyl-d14 (S)	66	%	37-106		1	08/26/22 07:47	08/26/22 17:52	1718-51-0	
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	08/26/22 07:45	08/26/22 19:24	71-43-2	
Bromobenzene	**<28.1**	ug/kg	72.0	28.1	1	08/26/22 07:45	08/26/22 19:24	108-86-1	
Bromochloromethane	**<19.7**	ug/kg	72.0	19.7	1	08/26/22 07:45	08/26/22 19:24	74-97-5	
Bromodichloromethane	**<17.1**	ug/kg	72.0	17.1	1	08/26/22 07:45	08/26/22 19:24	75-27-4	
Bromoform	**<317**	ug/kg	360	317	1	08/26/22 07:45	08/26/22 19:24	75-25-2	
Bromomethane	**<101**	ug/kg	360	101	1	08/26/22 07:45	08/26/22 19:24	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-3 (4'-5') **Lab ID: 40250229007** Collected: 08/19/22 11:10 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<33.0**	ug/kg	72.0	33.0	1	08/26/22 07:45	08/26/22 19:24	104-51-8	
sec-Butylbenzene	**<17.6**	ug/kg	72.0	17.6	1	08/26/22 07:45	08/26/22 19:24	135-98-8	
tert-Butylbenzene	**<22.6**	ug/kg	72.0	22.6	1	08/26/22 07:45	08/26/22 19:24	98-06-6	
Carbon tetrachloride	**<15.8**	ug/kg	72.0	15.8	1	08/26/22 07:45	08/26/22 19:24	56-23-5	
Chlorobenzene	**<8.6**	ug/kg	72.0	8.6	1	08/26/22 07:45	08/26/22 19:24	108-90-7	
Chloroethane	**<30.4**	ug/kg	360	30.4	1	08/26/22 07:45	08/26/22 19:24	75-00-3	
Chloroform	**<51.5**	ug/kg	360	51.5	1	08/26/22 07:45	08/26/22 19:24	67-66-3	
Chloromethane	**<27.3**	ug/kg	72.0	27.3	1	08/26/22 07:45	08/26/22 19:24	74-87-3	
2-Chlorotoluene	**<23.3**	ug/kg	72.0	23.3	1	08/26/22 07:45	08/26/22 19:24	95-49-8	
4-Chlorotoluene	**<27.3**	ug/kg	72.0	27.3	1	08/26/22 07:45	08/26/22 19:24	106-43-4	
1,2-Dibromo-3-chloropropane	**<55.8**	ug/kg	360	55.8	1	08/26/22 07:45	08/26/22 19:24	96-12-8	
Dibromochloromethane	**<246**	ug/kg	360	246	1	08/26/22 07:45	08/26/22 19:24	124-48-1	
1,2-Dibromoethane (EDB)	**<19.7**	ug/kg	72.0	19.7	1	08/26/22 07:45	08/26/22 19:24	106-93-4	
Dibromomethane	**<21.3**	ug/kg	72.0	21.3	1	08/26/22 07:45	08/26/22 19:24	74-95-3	
1,2-Dichlorobenzene	**<22.3**	ug/kg	72.0	22.3	1	08/26/22 07:45	08/26/22 19:24	95-50-1	
1,3-Dichlorobenzene	**<19.7**	ug/kg	72.0	19.7	1	08/26/22 07:45	08/26/22 19:24	541-73-1	
1,4-Dichlorobenzene	**<19.7**	ug/kg	72.0	19.7	1	08/26/22 07:45	08/26/22 19:24	106-46-7	
Dichlorodifluoromethane	**<30.9**	ug/kg	72.0	30.9	1	08/26/22 07:45	08/26/22 19:24	75-71-8	
1,1-Dichloroethane	**<18.4**	ug/kg	72.0	18.4	1	08/26/22 07:45	08/26/22 19:24	75-34-3	
1,2-Dichloroethane	**<16.6**	ug/kg	72.0	16.6	1	08/26/22 07:45	08/26/22 19:24	107-06-2	
1,1-Dichloroethene	**<23.9**	ug/kg	72.0	23.9	1	08/26/22 07:45	08/26/22 19:24	75-35-4	
cis-1,2-Dichloroethene	**<15.4**	ug/kg	72.0	15.4	1	08/26/22 07:45	08/26/22 19:24	156-59-2	
trans-1,2-Dichloroethene	**<15.5**	ug/kg	72.0	15.5	1	08/26/22 07:45	08/26/22 19:24	156-60-5	
1,2-Dichloropropane	**<17.1**	ug/kg	72.0	17.1	1	08/26/22 07:45	08/26/22 19:24	78-87-5	
1,3-Dichloropropane	**<15.7**	ug/kg	72.0	15.7	1	08/26/22 07:45	08/26/22 19:24	142-28-9	
2,2-Dichloropropane	**<19.4**	ug/kg	72.0	19.4	1	08/26/22 07:45	08/26/22 19:24	594-20-7	
1,1-Dichloropropene	**<23.3**	ug/kg	72.0	23.3	1	08/26/22 07:45	08/26/22 19:24	563-58-6	
cis-1,3-Dichloropropene	**<47.5**	ug/kg	360	47.5	1	08/26/22 07:45	08/26/22 19:24	10061-01-5	
trans-1,3-Dichloropropene	**<206**	ug/kg	360	206	1	08/26/22 07:45	08/26/22 19:24	10061-02-6	
Diisopropyl ether	**<17.8**	ug/kg	72.0	17.8	1	08/26/22 07:45	08/26/22 19:24	108-20-3	
Ethylbenzene	**<17.1**	ug/kg	72.0	17.1	1	08/26/22 07:45	08/26/22 19:24	100-41-4	
Hexachloro-1,3-butadiene	**<143**	ug/kg	360	143	1	08/26/22 07:45	08/26/22 19:24	87-68-3	
Isopropylbenzene (Cumene)	**<19.4**	ug/kg	72.0	19.4	1	08/26/22 07:45	08/26/22 19:24	98-82-8	
p-Isopropyltoluene	**<21.9**	ug/kg	72.0	21.9	1	08/26/22 07:45	08/26/22 19:24	99-87-6	
Methylene Chloride	**<20.0**	ug/kg	72.0	20.0	1	08/26/22 07:45	08/26/22 19:24	75-09-2	
Methyl-tert-butyl ether	**<21.2**	ug/kg	72.0	21.2	1	08/26/22 07:45	08/26/22 19:24	1634-04-4	
Naphthalene	**<22.5**	ug/kg	360	22.5	1	08/26/22 07:45	08/26/22 19:24	91-20-3	
n-Propylbenzene	**<17.3**	ug/kg	72.0	17.3	1	08/26/22 07:45	08/26/22 19:24	103-65-1	
Styrene	**<18.4**	ug/kg	72.0	18.4	1	08/26/22 07:45	08/26/22 19:24	100-42-5	
1,1,1,2-Tetrachloroethane	**<17.3**	ug/kg	72.0	17.3	1	08/26/22 07:45	08/26/22 19:24	630-20-6	
1,1,2,2-Tetrachloroethane	**<26.0**	ug/kg	72.0	26.0	1	08/26/22 07:45	08/26/22 19:24	79-34-5	
Tetrachloroethene	**<27.9**	ug/kg	72.0	27.9	1	08/26/22 07:45	08/26/22 19:24	127-18-4	
Toluene	**<18.1**	ug/kg	72.0	18.1	1	08/26/22 07:45	08/26/22 19:24	108-88-3	
1,2,3-Trichlorobenzene	**<80.2**	ug/kg	360	80.2	1	08/26/22 07:45	08/26/22 19:24	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-3 (4'-5') **Lab ID: 40250229007** Collected: 08/19/22 11:10 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<59.3**	ug/kg	360	59.3	1	08/26/22 07:45	08/26/22 19:24	120-82-1	
1,1,1-Trichloroethane	**<18.4**	ug/kg	72.0	18.4	1	08/26/22 07:45	08/26/22 19:24	71-55-6	
1,1,2-Trichloroethane	**<26.2**	ug/kg	72.0	26.2	1	08/26/22 07:45	08/26/22 19:24	79-00-5	
Trichloroethene	**<26.9**	ug/kg	72.0	26.9	1	08/26/22 07:45	08/26/22 19:24	79-01-6	
Trichlorofluoromethane	**<20.9**	ug/kg	72.0	20.9	1	08/26/22 07:45	08/26/22 19:24	75-69-4	
1,2,3-Trichloropropane	**<35.0**	ug/kg	72.0	35.0	1	08/26/22 07:45	08/26/22 19:24	96-18-4	
1,2,4-Trimethylbenzene	**<21.4**	ug/kg	72.0	21.4	1	08/26/22 07:45	08/26/22 19:24	95-63-6	
1,3,5-Trimethylbenzene	**<23.2**	ug/kg	72.0	23.2	1	08/26/22 07:45	08/26/22 19:24	108-67-8	
Vinyl chloride	**<14.5**	ug/kg	72.0	14.5	1	08/26/22 07:45	08/26/22 19:24	75-01-4	
Xylene (Total)	**<52.0**	ug/kg	216	52.0	1	08/26/22 07:45	08/26/22 19:24	1330-20-7	
m&p-Xylene	**<30.4**	ug/kg	144	30.4	1	08/26/22 07:45	08/26/22 19:24	179601-23-1	
o-Xylene	**<21.6**	ug/kg	72.0	21.6	1	08/26/22 07:45	08/26/22 19:24	95-47-6	
Surrogates									
Toluene-d8 (S)	119	%	69-153		1	08/26/22 07:45	08/26/22 19:24	2037-26-5	
4-Bromofluorobenzene (S)	127	%	68-156		1	08/26/22 07:45	08/26/22 19:24	460-00-4	
1,2-Dichlorobenzene-d4 (S)	118	%	71-161		1	08/26/22 07:45	08/26/22 19:24	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.9**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-4 (1'-2') **Lab ID: 40250229008** Collected: 08/19/22 12:00 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<1.6**	mg/kg	2.7	1.6	1	08/25/22 06:01	08/26/22 16:29	7440-38-2	
Barium	**24.1**	mg/kg	0.54	0.16	1	08/25/22 06:01	08/26/22 16:29	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.54	0.14	1	08/25/22 06:01	08/26/22 16:29	7440-43-9	
Chromium	**5.1**	mg/kg	1.1	0.30	1	08/25/22 06:01	08/26/22 16:29	7440-47-3	
Lead	**14.2**	mg/kg	2.2	0.65	1	08/25/22 06:01	08/26/22 16:29	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	08/25/22 06:01	08/26/22 16:29	7782-49-2	
Silver	**<0.33**	mg/kg	1.1	0.33	1	08/25/22 06:01	08/26/22 16:29	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.021J**	mg/kg	0.038	0.011	1	08/25/22 08:19	08/26/22 07:47	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**22.8J**	ug/kg	91.2	11.8	5	08/26/22 07:47	08/26/22 18:10	83-32-9	
Acenaphthylene	**53.3J**	ug/kg	91.2	11.5	5	08/26/22 07:47	08/26/22 18:10	208-96-8	
Anthracene	**46.7J**	ug/kg	91.2	11.3	5	08/26/22 07:47	08/26/22 18:10	120-12-7	
Benzo(a)anthracene	**124**	ug/kg	91.2	11.8	5	08/26/22 07:47	08/26/22 18:10	56-55-3	
Benzo(a)pyrene	**106**	ug/kg	91.2	10.4	5	08/26/22 07:47	08/26/22 18:10	50-32-8	
Benzo(b)fluoranthene	**153**	ug/kg	91.2	12.7	5	08/26/22 07:47	08/26/22 18:10	205-99-2	
Benzo(g,h,i)perylene	**47.8J**	ug/kg	91.2	16.0	5	08/26/22 07:47	08/26/22 18:10	191-24-2	
Benzo(k)fluoranthene	**49.0J**	ug/kg	91.2	11.7	5	08/26/22 07:47	08/26/22 18:10	207-08-9	
Chrysene	**146**	ug/kg	91.2	17.2	5	08/26/22 07:47	08/26/22 18:10	218-01-9	
Dibenz(a,h)anthracene	**16.5J**	ug/kg	91.2	12.6	5	08/26/22 07:47	08/26/22 18:10	53-70-3	
Fluoranthene	**210**	ug/kg	91.2	10.8	5	08/26/22 07:47	08/26/22 18:10	206-44-0	
Fluorene	**38.6J**	ug/kg	91.2	10.9	5	08/26/22 07:47	08/26/22 18:10	86-73-7	
Indeno(1,2,3-cd)pyrene	**39.9J**	ug/kg	91.2	19.0	5	08/26/22 07:47	08/26/22 18:10	193-39-5	
1-Methylnaphthalene	**932**	ug/kg	91.2	13.3	5	08/26/22 07:47	08/26/22 18:10	90-12-0	
2-Methylnaphthalene	**1170**	ug/kg	91.2	13.3	5	08/26/22 07:47	08/26/22 18:10	91-57-6	
Naphthalene	**858**	ug/kg	91.2	8.9	5	08/26/22 07:47	08/26/22 18:10	91-20-3	
Phenanthrene	**547**	ug/kg	91.2	10.4	5	08/26/22 07:47	08/26/22 18:10	85-01-8	
Pyrene	**211**	ug/kg	91.2	13.4	5	08/26/22 07:47	08/26/22 18:10	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	41-98		5	08/26/22 07:47	08/26/22 18:10	321-60-8	
Terphenyl-d14 (S)	75	%	37-106		5	08/26/22 07:47	08/26/22 18:10	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**24.2**	ug/kg	23.7	14.1	1	08/26/22 10:00	08/26/22 17:58	71-43-2	
Bromobenzene	**<23.1**	ug/kg	59.3	23.1	1	08/26/22 10:00	08/26/22 17:58	108-86-1	
Bromochloromethane	**<16.3**	ug/kg	59.3	16.3	1	08/26/22 10:00	08/26/22 17:58	74-97-5	
Bromodichloromethane	**<14.1**	ug/kg	59.3	14.1	1	08/26/22 10:00	08/26/22 17:58	75-27-4	
Bromoform	**<261**	ug/kg	297	261	1	08/26/22 10:00	08/26/22 17:58	75-25-2	
Bromomethane	**<83.2**	ug/kg	297	83.2	1	08/26/22 10:00	08/26/22 17:58	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-4 (1'-2') **Lab ID: 40250229008** Collected: 08/19/22 12:00 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<27.2**	ug/kg	59.3	27.2	1	08/26/22 10:00	08/26/22 17:58	104-51-8	
sec-Butylbenzene	**<14.5**	ug/kg	59.3	14.5	1	08/26/22 10:00	08/26/22 17:58	135-98-8	
tert-Butylbenzene	**<18.6**	ug/kg	59.3	18.6	1	08/26/22 10:00	08/26/22 17:58	98-06-6	
Carbon tetrachloride	**<13.0**	ug/kg	59.3	13.0	1	08/26/22 10:00	08/26/22 17:58	56-23-5	
Chlorobenzene	**<7.1**	ug/kg	59.3	7.1	1	08/26/22 10:00	08/26/22 17:58	108-90-7	
Chloroethane	**<25.0**	ug/kg	297	25.0	1	08/26/22 10:00	08/26/22 17:58	75-00-3	
Chloroform	**<42.5**	ug/kg	297	42.5	1	08/26/22 10:00	08/26/22 17:58	67-66-3	
Chloromethane	**<22.5**	ug/kg	59.3	22.5	1	08/26/22 10:00	08/26/22 17:58	74-87-3	
2-Chlorotoluene	**<19.2**	ug/kg	59.3	19.2	1	08/26/22 10:00	08/26/22 17:58	95-49-8	
4-Chlorotoluene	**<22.5**	ug/kg	59.3	22.5	1	08/26/22 10:00	08/26/22 17:58	106-43-4	
1,2-Dibromo-3-chloropropane	**<46.0**	ug/kg	297	46.0	1	08/26/22 10:00	08/26/22 17:58	96-12-8	
Dibromochloromethane	**<203**	ug/kg	297	203	1	08/26/22 10:00	08/26/22 17:58	124-48-1	
1,2-Dibromoethane (EDB)	**<16.3**	ug/kg	59.3	16.3	1	08/26/22 10:00	08/26/22 17:58	106-93-4	
Dibromomethane	**<17.6**	ug/kg	59.3	17.6	1	08/26/22 10:00	08/26/22 17:58	74-95-3	
1,2-Dichlorobenzene	**<18.4**	ug/kg	59.3	18.4	1	08/26/22 10:00	08/26/22 17:58	95-50-1	
1,3-Dichlorobenzene	**<16.3**	ug/kg	59.3	16.3	1	08/26/22 10:00	08/26/22 17:58	541-73-1	
1,4-Dichlorobenzene	**<16.3**	ug/kg	59.3	16.3	1	08/26/22 10:00	08/26/22 17:58	106-46-7	
Dichlorodifluoromethane	**<25.5**	ug/kg	59.3	25.5	1	08/26/22 10:00	08/26/22 17:58	75-71-8	
1,1-Dichloroethane	**<15.2**	ug/kg	59.3	15.2	1	08/26/22 10:00	08/26/22 17:58	75-34-3	
1,2-Dichloroethane	**<13.6**	ug/kg	59.3	13.6	1	08/26/22 10:00	08/26/22 17:58	107-06-2	
1,1-Dichloroethene	**<19.7**	ug/kg	59.3	19.7	1	08/26/22 10:00	08/26/22 17:58	75-35-4	
cis-1,2-Dichloroethene	**<12.7**	ug/kg	59.3	12.7	1	08/26/22 10:00	08/26/22 17:58	156-59-2	
trans-1,2-Dichloroethene	**<12.8**	ug/kg	59.3	12.8	1	08/26/22 10:00	08/26/22 17:58	156-60-5	
1,2-Dichloropropane	**<14.1**	ug/kg	59.3	14.1	1	08/26/22 10:00	08/26/22 17:58	78-87-5	
1,3-Dichloropropane	**<12.9**	ug/kg	59.3	12.9	1	08/26/22 10:00	08/26/22 17:58	142-28-9	
2,2-Dichloropropane	**<16.0**	ug/kg	59.3	16.0	1	08/26/22 10:00	08/26/22 17:58	594-20-7	
1,1-Dichloropropene	**<19.2**	ug/kg	59.3	19.2	1	08/26/22 10:00	08/26/22 17:58	563-58-6	
cis-1,3-Dichloropropene	**<39.1**	ug/kg	297	39.1	1	08/26/22 10:00	08/26/22 17:58	10061-01-5	
trans-1,3-Dichloropropene	**<170**	ug/kg	297	170	1	08/26/22 10:00	08/26/22 17:58	10061-02-6	
Diisopropyl ether	**<14.7**	ug/kg	59.3	14.7	1	08/26/22 10:00	08/26/22 17:58	108-20-3	
Ethylbenzene	**38.8J**	ug/kg	59.3	14.1	1	08/26/22 10:00	08/26/22 17:58	100-41-4	
Hexachloro-1,3-butadiene	**<118**	ug/kg	297	118	1	08/26/22 10:00	08/26/22 17:58	87-68-3	
Isopropylbenzene (Cumene)	**18.8J**	ug/kg	59.3	16.0	1	08/26/22 10:00	08/26/22 17:58	98-82-8	
p-Isopropyltoluene	**<18.0**	ug/kg	59.3	18.0	1	08/26/22 10:00	08/26/22 17:58	99-87-6	
Methylene Chloride	**<16.5**	ug/kg	59.3	16.5	1	08/26/22 10:00	08/26/22 17:58	75-09-2	
Methyl-tert-butyl ether	**<17.4**	ug/kg	59.3	17.4	1	08/26/22 10:00	08/26/22 17:58	1634-04-4	
Naphthalene	**101J**	ug/kg	297	18.5	1	08/26/22 10:00	08/26/22 17:58	91-20-3	
n-Propylbenzene	**27.2J**	ug/kg	59.3	14.2	1	08/26/22 10:00	08/26/22 17:58	103-65-1	
Styrene	**<15.2**	ug/kg	59.3	15.2	1	08/26/22 10:00	08/26/22 17:58	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.2**	ug/kg	59.3	14.2	1	08/26/22 10:00	08/26/22 17:58	630-20-6	
1,1,2,2-Tetrachloroethane	**<21.5**	ug/kg	59.3	21.5	1	08/26/22 10:00	08/26/22 17:58	79-34-5	
Tetrachloroethene	**<23.0**	ug/kg	59.3	23.0	1	08/26/22 10:00	08/26/22 17:58	127-18-4	
Toluene	**141**	ug/kg	59.3	14.9	1	08/26/22 10:00	08/26/22 17:58	108-88-3	
1,2,3-Trichlorobenzene	**<66.1**	ug/kg	297	66.1	1	08/26/22 10:00	08/26/22 17:58	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-4 (1'-2') **Lab ID: 40250229008** Collected: 08/19/22 12:00 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<48.9**	ug/kg	297	48.9	1	08/26/22 10:00	08/26/22 17:58	120-82-1	
1,1,1-Trichloroethane	**<15.2**	ug/kg	59.3	15.2	1	08/26/22 10:00	08/26/22 17:58	71-55-6	
1,1,2-Trichloroethane	**<21.6**	ug/kg	59.3	21.6	1	08/26/22 10:00	08/26/22 17:58	79-00-5	
Trichloroethene	**<22.2**	ug/kg	59.3	22.2	1	08/26/22 10:00	08/26/22 17:58	79-01-6	
Trichlorofluoromethane	**<17.2**	ug/kg	59.3	17.2	1	08/26/22 10:00	08/26/22 17:58	75-69-4	
1,2,3-Trichloropropane	**<28.8**	ug/kg	59.3	28.8	1	08/26/22 10:00	08/26/22 17:58	96-18-4	
1,2,4-Trimethylbenzene	**32.5J**	ug/kg	59.3	17.7	1	08/26/22 10:00	08/26/22 17:58	95-63-6	
1,3,5-Trimethylbenzene	**<19.1**	ug/kg	59.3	19.1	1	08/26/22 10:00	08/26/22 17:58	108-67-8	
Vinyl chloride	**<12.0**	ug/kg	59.3	12.0	1	08/26/22 10:00	08/26/22 17:58	75-01-4	
Xylene (Total)	**179**	ug/kg	178	42.8	1	08/26/22 10:00	08/26/22 17:58	1330-20-7	
m&p-Xylene	**104J**	ug/kg	119	25.0	1	08/26/22 10:00	08/26/22 17:58	179601-23-1	
o-Xylene	**74.4**	ug/kg	59.3	17.8	1	08/26/22 10:00	08/26/22 17:58	95-47-6	
Surrogates									
Toluene-d8 (S)	109	%	69-153		1	08/26/22 10:00	08/26/22 17:58	2037-26-5	
4-Bromofluorobenzene (S)	129	%	68-156		1	08/26/22 10:00	08/26/22 17:58	460-00-4	
1,2-Dichlorobenzene-d4 (S)	114	%	71-161		1	08/26/22 10:00	08/26/22 17:58	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**8.5**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-4 (2'-3') **Lab ID: 40250229009** Collected: 08/19/22 12:10 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**87.9**	mg/kg	34.1	20.0	10	08/25/22 06:01	08/29/22 17:43	7440-38-2	
Barium	**23.9**	mg/kg	6.8	2.0	10	08/25/22 06:01	08/29/22 17:43	7440-39-3	
Cadmium	**<1.8**	mg/kg	6.8	1.8	10	08/25/22 06:01	08/29/22 17:43	7440-43-9	D3
Chromium	**20.1**	mg/kg	13.6	3.8	10	08/25/22 06:01	08/29/22 17:43	7440-47-3	
Lead	**23.8J**	mg/kg	27.2	8.2	10	08/25/22 06:01	08/29/22 17:43	7439-92-1	D3
Selenium	**<17.8**	mg/kg	54.5	17.8	10	08/25/22 06:01	08/29/22 17:43	7782-49-2	D3
Silver	**<4.2**	mg/kg	13.6	4.2	10	08/25/22 06:01	08/29/22 17:43	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.093**	mg/kg	0.043	0.012	1	08/25/22 08:19	08/26/22 07:49	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**186**	ug/kg	115	15.0	5	08/26/22 07:47	08/29/22 12:19	83-32-9	
Acenaphthylene	**55.6J**	ug/kg	115	14.5	5	08/26/22 07:47	08/29/22 12:19	208-96-8	
Anthracene	**352**	ug/kg	115	14.3	5	08/26/22 07:47	08/29/22 12:19	120-12-7	
Benzo(a)anthracene	**355**	ug/kg	115	14.9	5	08/26/22 07:47	08/29/22 12:19	56-55-3	
Benzo(a)pyrene	**253**	ug/kg	115	13.1	5	08/26/22 07:47	08/29/22 12:19	50-32-8	
Benzo(b)fluoranthene	**344**	ug/kg	115	16.0	5	08/26/22 07:47	08/29/22 12:19	205-99-2	
Benzo(g,h,i)perylene	**143**	ug/kg	115	20.2	5	08/26/22 07:47	08/29/22 12:19	191-24-2	
Benzo(k)fluoranthene	**140**	ug/kg	115	14.7	5	08/26/22 07:47	08/29/22 12:19	207-08-9	
Chrysene	**424**	ug/kg	115	21.8	5	08/26/22 07:47	08/29/22 12:19	218-01-9	
Dibenz(a,h)anthracene	**52.8J**	ug/kg	115	16.0	5	08/26/22 07:47	08/29/22 12:19	53-70-3	
Fluoranthene	**838**	ug/kg	115	13.6	5	08/26/22 07:47	08/29/22 12:19	206-44-0	
Fluorene	**200**	ug/kg	115	13.8	5	08/26/22 07:47	08/29/22 12:19	86-73-7	
Indeno(1,2,3-cd)pyrene	**121**	ug/kg	115	24.0	5	08/26/22 07:47	08/29/22 12:19	193-39-5	
1-Methylnaphthalene	**833**	ug/kg	115	16.8	5	08/26/22 07:47	08/29/22 12:19	90-12-0	
2-Methylnaphthalene	**1060**	ug/kg	115	16.9	5	08/26/22 07:47	08/29/22 12:19	91-57-6	
Naphthalene	**779**	ug/kg	115	11.2	5	08/26/22 07:47	08/29/22 12:19	91-20-3	
Phenanthrene	**1510**	ug/kg	115	13.2	5	08/26/22 07:47	08/29/22 12:19	85-01-8	
Pyrene	**604**	ug/kg	115	17.0	5	08/26/22 07:47	08/29/22 12:19	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	41-98		5	08/26/22 07:47	08/29/22 12:19	321-60-8	
Terphenyl-d14 (S)	60	%	37-106		5	08/26/22 07:47	08/29/22 12:19	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<21.1**	ug/kg	35.5	21.1	1	08/26/22 10:00	08/26/22 18:17	71-43-2	
Bromobenzene	**<34.6**	ug/kg	88.8	34.6	1	08/26/22 10:00	08/26/22 18:17	108-86-1	
Bromochloromethane	**<24.3**	ug/kg	88.8	24.3	1	08/26/22 10:00	08/26/22 18:17	74-97-5	
Bromodichloromethane	**<21.1**	ug/kg	88.8	21.1	1	08/26/22 10:00	08/26/22 18:17	75-27-4	
Bromoform	**<391**	ug/kg	444	391	1	08/26/22 10:00	08/26/22 18:17	75-25-2	
Bromomethane	**<124**	ug/kg	444	124	1	08/26/22 10:00	08/26/22 18:17	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-4 (2'-3') **Lab ID: 40250229009** Collected: 08/19/22 12:10 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<40.7**	ug/kg	88.8	40.7	1	08/26/22 10:00	08/26/22 18:17	104-51-8	
sec-Butylbenzene	**<21.7**	ug/kg	88.8	21.7	1	08/26/22 10:00	08/26/22 18:17	135-98-8	
tert-Butylbenzene	**<27.9**	ug/kg	88.8	27.9	1	08/26/22 10:00	08/26/22 18:17	98-06-6	
Carbon tetrachloride	**<19.5**	ug/kg	88.8	19.5	1	08/26/22 10:00	08/26/22 18:17	56-23-5	
Chlorobenzene	**<10.6**	ug/kg	88.8	10.6	1	08/26/22 10:00	08/26/22 18:17	108-90-7	
Chloroethane	**<37.5**	ug/kg	444	37.5	1	08/26/22 10:00	08/26/22 18:17	75-00-3	
Chloroform	**<63.6**	ug/kg	444	63.6	1	08/26/22 10:00	08/26/22 18:17	67-66-3	
Chloromethane	**<33.7**	ug/kg	88.8	33.7	1	08/26/22 10:00	08/26/22 18:17	74-87-3	
2-Chlorotoluene	**<28.8**	ug/kg	88.8	28.8	1	08/26/22 10:00	08/26/22 18:17	95-49-8	
4-Chlorotoluene	**<33.7**	ug/kg	88.8	33.7	1	08/26/22 10:00	08/26/22 18:17	106-43-4	
1,2-Dibromo-3-chloropropane	**<68.9**	ug/kg	444	68.9	1	08/26/22 10:00	08/26/22 18:17	96-12-8	
Dibromochloromethane	**<303**	ug/kg	444	303	1	08/26/22 10:00	08/26/22 18:17	124-48-1	
1,2-Dibromoethane (EDB)	**<24.3**	ug/kg	88.8	24.3	1	08/26/22 10:00	08/26/22 18:17	106-93-4	
Dibromomethane	**<26.3**	ug/kg	88.8	26.3	1	08/26/22 10:00	08/26/22 18:17	74-95-3	
1,2-Dichlorobenzene	**<27.5**	ug/kg	88.8	27.5	1	08/26/22 10:00	08/26/22 18:17	95-50-1	
1,3-Dichlorobenzene	**<24.3**	ug/kg	88.8	24.3	1	08/26/22 10:00	08/26/22 18:17	541-73-1	
1,4-Dichlorobenzene	**<24.3**	ug/kg	88.8	24.3	1	08/26/22 10:00	08/26/22 18:17	106-46-7	
Dichlorodifluoromethane	**<38.2**	ug/kg	88.8	38.2	1	08/26/22 10:00	08/26/22 18:17	75-71-8	
1,1-Dichloroethane	**<22.7**	ug/kg	88.8	22.7	1	08/26/22 10:00	08/26/22 18:17	75-34-3	
1,2-Dichloroethane	**<20.4**	ug/kg	88.8	20.4	1	08/26/22 10:00	08/26/22 18:17	107-06-2	
1,1-Dichloroethene	**<29.5**	ug/kg	88.8	29.5	1	08/26/22 10:00	08/26/22 18:17	75-35-4	
cis-1,2-Dichloroethene	**<19.0**	ug/kg	88.8	19.0	1	08/26/22 10:00	08/26/22 18:17	156-59-2	
trans-1,2-Dichloroethene	**<19.2**	ug/kg	88.8	19.2	1	08/26/22 10:00	08/26/22 18:17	156-60-5	
1,2-Dichloropropane	**<21.1**	ug/kg	88.8	21.1	1	08/26/22 10:00	08/26/22 18:17	78-87-5	
1,3-Dichloropropane	**<19.3**	ug/kg	88.8	19.3	1	08/26/22 10:00	08/26/22 18:17	142-28-9	
2,2-Dichloropropane	**<24.0**	ug/kg	88.8	24.0	1	08/26/22 10:00	08/26/22 18:17	594-20-7	
1,1-Dichloropropene	**<28.8**	ug/kg	88.8	28.8	1	08/26/22 10:00	08/26/22 18:17	563-58-6	
cis-1,3-Dichloropropene	**<58.6**	ug/kg	444	58.6	1	08/26/22 10:00	08/26/22 18:17	10061-01-5	
trans-1,3-Dichloropropene	**<254**	ug/kg	444	254	1	08/26/22 10:00	08/26/22 18:17	10061-02-6	
Diisopropyl ether	**<22.0**	ug/kg	88.8	22.0	1	08/26/22 10:00	08/26/22 18:17	108-20-3	
Ethylbenzene	**<21.1**	ug/kg	88.8	21.1	1	08/26/22 10:00	08/26/22 18:17	100-41-4	
Hexachloro-1,3-butadiene	**<176**	ug/kg	444	176	1	08/26/22 10:00	08/26/22 18:17	87-68-3	
Isopropylbenzene (Cumene)	**<24.0**	ug/kg	88.8	24.0	1	08/26/22 10:00	08/26/22 18:17	98-82-8	
p-Isopropyltoluene	**<27.0**	ug/kg	88.8	27.0	1	08/26/22 10:00	08/26/22 18:17	99-87-6	
Methylene Chloride	**<24.7**	ug/kg	88.8	24.7	1	08/26/22 10:00	08/26/22 18:17	75-09-2	
Methyl-tert-butyl ether	**<26.1**	ug/kg	88.8	26.1	1	08/26/22 10:00	08/26/22 18:17	1634-04-4	
Naphthalene	**<27.7**	ug/kg	444	27.7	1	08/26/22 10:00	08/26/22 18:17	91-20-3	
n-Propylbenzene	**<21.3**	ug/kg	88.8	21.3	1	08/26/22 10:00	08/26/22 18:17	103-65-1	
Styrene	**<22.7**	ug/kg	88.8	22.7	1	08/26/22 10:00	08/26/22 18:17	100-42-5	
1,1,1,2-Tetrachloroethane	**<21.3**	ug/kg	88.8	21.3	1	08/26/22 10:00	08/26/22 18:17	630-20-6	
1,1,2,2-Tetrachloroethane	**<32.1**	ug/kg	88.8	32.1	1	08/26/22 10:00	08/26/22 18:17	79-34-5	
Tetrachloroethene	**<34.4**	ug/kg	88.8	34.4	1	08/26/22 10:00	08/26/22 18:17	127-18-4	
Toluene	**<22.4**	ug/kg	88.8	22.4	1	08/26/22 10:00	08/26/22 18:17	108-88-3	
1,2,3-Trichlorobenzene	**<98.9**	ug/kg	444	98.9	1	08/26/22 10:00	08/26/22 18:17	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-4 (2'-3') **Lab ID: 40250229009** Collected: 08/19/22 12:10 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<73.1**	ug/kg	444	73.1	1	08/26/22 10:00	08/26/22 18:17	120-82-1	
1,1,1-Trichloroethane	**<22.7**	ug/kg	88.8	22.7	1	08/26/22 10:00	08/26/22 18:17	71-55-6	
1,1,2-Trichloroethane	**<32.3**	ug/kg	88.8	32.3	1	08/26/22 10:00	08/26/22 18:17	79-00-5	
Trichloroethene	**<33.2**	ug/kg	88.8	33.2	1	08/26/22 10:00	08/26/22 18:17	79-01-6	
Trichlorofluoromethane	**<25.7**	ug/kg	88.8	25.7	1	08/26/22 10:00	08/26/22 18:17	75-69-4	
1,2,3-Trichloropropane	**<43.1**	ug/kg	88.8	43.1	1	08/26/22 10:00	08/26/22 18:17	96-18-4	
1,2,4-Trimethylbenzene	**<26.5**	ug/kg	88.8	26.5	1	08/26/22 10:00	08/26/22 18:17	95-63-6	
1,3,5-Trimethylbenzene	**<28.6**	ug/kg	88.8	28.6	1	08/26/22 10:00	08/26/22 18:17	108-67-8	
Vinyl chloride	**<17.9**	ug/kg	88.8	17.9	1	08/26/22 10:00	08/26/22 18:17	75-01-4	
Xylene (Total)	**<64.1**	ug/kg	266	64.1	1	08/26/22 10:00	08/26/22 18:17	1330-20-7	
m&p-Xylene	**<37.5**	ug/kg	178	37.5	1	08/26/22 10:00	08/26/22 18:17	179601-23-1	
o-Xylene	**<26.6**	ug/kg	88.8	26.6	1	08/26/22 10:00	08/26/22 18:17	95-47-6	
Surrogates									
Toluene-d8 (S)	113	%	69-153		1	08/26/22 10:00	08/26/22 18:17	2037-26-5	
4-Bromofluorobenzene (S)	139	%	68-156		1	08/26/22 10:00	08/26/22 18:17	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	71-161		1	08/26/22 10:00	08/26/22 18:17	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**27.6**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-5 (1'-2') **Lab ID: 40250229010** Collected: 08/19/22 12:20 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	12674-11-2	
PCB-1221 (Aroclor 1221)	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	11104-28-2	
PCB-1232 (Aroclor 1232)	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	11141-16-5	
PCB-1242 (Aroclor 1242)	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	53469-21-9	
PCB-1248 (Aroclor 1248)	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	12672-29-6	
PCB-1254 (Aroclor 1254)	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	11097-69-1	
PCB-1260 (Aroclor 1260)	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	11096-82-5	
PCB, Total	**<17.1**	ug/kg	56.1	17.1	1	08/24/22 07:03	08/25/22 10:53	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	56	%	50-99		1	08/24/22 07:03	08/25/22 10:53	877-09-8	
Decachlorobiphenyl (S)	61	%	38-95		1	08/24/22 07:03	08/25/22 10:53	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**6.4**	mg/kg	2.8	1.6	1	08/25/22 06:01	08/26/22 16:34	7440-38-2	
Barium	**36.6**	mg/kg	0.56	0.17	1	08/25/22 06:01	08/26/22 16:34	7440-39-3	
Cadmium	**0.17J**	mg/kg	0.56	0.15	1	08/25/22 06:01	08/26/22 16:34	7440-43-9	
Chromium	**8.2**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/26/22 16:34	7440-47-3	
Lead	**45.0**	mg/kg	2.2	0.67	1	08/25/22 06:01	08/26/22 16:34	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	08/25/22 06:01	08/26/22 16:34	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	08/25/22 06:01	08/26/22 16:34	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.046**	mg/kg	0.038	0.011	1	08/25/22 08:19	08/26/22 07:52	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**52.6J**	ug/kg	375	48.6	20	08/26/22 07:47	08/26/22 19:52	83-32-9	
Acenaphthylene	**123J**	ug/kg	375	47.2	20	08/26/22 07:47	08/26/22 19:52	208-96-8	
Anthracene	**113J**	ug/kg	375	46.5	20	08/26/22 07:47	08/26/22 19:52	120-12-7	
Benzo(a)anthracene	**273J**	ug/kg	375	48.4	20	08/26/22 07:47	08/26/22 19:52	56-55-3	
Benzo(a)pyrene	**119J**	ug/kg	375	42.6	20	08/26/22 07:47	08/26/22 19:52	50-32-8	
Benzo(b)fluoranthene	**177J**	ug/kg	375	52.0	20	08/26/22 07:47	08/26/22 19:52	205-99-2	
Benzo(g,h,i)perylene	**<65.8**	ug/kg	375	65.8	20	08/26/22 07:47	08/26/22 19:52	191-24-2	
Benzo(k)fluoranthene	**63.9J**	ug/kg	375	47.9	20	08/26/22 07:47	08/26/22 19:52	207-08-9	
Chrysene	**321J**	ug/kg	375	70.7	20	08/26/22 07:47	08/26/22 19:52	218-01-9	
Dibenz(a,h)anthracene	**<51.9**	ug/kg	375	51.9	20	08/26/22 07:47	08/26/22 19:52	53-70-3	
Fluoranthene	**262J**	ug/kg	375	44.4	20	08/26/22 07:47	08/26/22 19:52	206-44-0	
Fluorene	**59.6J**	ug/kg	375	44.9	20	08/26/22 07:47	08/26/22 19:52	86-73-7	
Indeno(1,2,3-cd)pyrene	**<78.1**	ug/kg	375	78.1	20	08/26/22 07:47	08/26/22 19:52	193-39-5	
1-Methylnaphthalene	**3840**	ug/kg	375	54.7	20	08/26/22 07:47	08/26/22 19:52	90-12-0	
2-Methylnaphthalene	**4710**	ug/kg	375	54.8	20	08/26/22 07:47	08/26/22 19:52	91-57-6	
Naphthalene	**3430**	ug/kg	375	36.5	20	08/26/22 07:47	08/26/22 19:52	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-5 (1'-2') **Lab ID: 40250229010** Collected: 08/19/22 12:20 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**1800**	ug/kg	375	42.9	20	08/26/22 07:47	08/26/22 19:52	85-01-8	
Pyrene	**362J**	ug/kg	375	55.1	20	08/26/22 07:47	08/26/22 19:52	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	45	%	41-98		20	08/26/22 07:47	08/26/22 19:52	321-60-8	
Terphenyl-d14 (S)	60	%	37-106		20	08/26/22 07:47	08/26/22 19:52	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.9**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-5 (3'-4') **Lab ID: 40250229011** Collected: 08/19/22 12:30 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	11141-16-5	
PCB-1242 (Aroclor 1242)	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	12672-29-6	
PCB-1254 (Aroclor 1254)	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	11096-82-5	
PCB, Total	**<18.7**	ug/kg	61.5	18.7	1	08/24/22 07:03	08/25/22 11:15	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	68	%	50-99		1	08/24/22 07:03	08/25/22 11:15	877-09-8	
Decachlorobiphenyl (S)	69	%	38-95		1	08/24/22 07:03	08/25/22 11:15	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.1J**	mg/kg	3.0	1.7	1	08/25/22 06:01	08/26/22 16:37	7440-38-2	
Barium	**22.9**	mg/kg	0.59	0.18	1	08/25/22 06:01	08/26/22 16:37	7440-39-3	
Cadmium	**<0.16**	mg/kg	0.59	0.16	1	08/25/22 06:01	08/26/22 16:37	7440-43-9	
Chromium	**15.6**	mg/kg	1.2	0.33	1	08/25/22 06:01	08/26/22 16:37	7440-47-3	
Lead	**4.9**	mg/kg	2.4	0.71	1	08/25/22 06:01	08/26/22 16:37	7439-92-1	
Selenium	**<1.5**	mg/kg	4.7	1.5	1	08/25/22 06:01	08/26/22 16:37	7782-49-2	
Silver	**<0.36**	mg/kg	1.2	0.36	1	08/25/22 06:01	08/26/22 16:37	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.015J**	mg/kg	0.039	0.011	1	08/25/22 08:19	08/26/22 07:54	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.7**	ug/kg	20.6	2.7	1	08/26/22 07:47	08/26/22 16:43	83-32-9	
Acenaphthylene	**<2.6**	ug/kg	20.6	2.6	1	08/26/22 07:47	08/26/22 16:43	208-96-8	
Anthracene	**<2.6**	ug/kg	20.6	2.6	1	08/26/22 07:47	08/26/22 16:43	120-12-7	
Benzo(a)anthracene	**<2.7**	ug/kg	20.6	2.7	1	08/26/22 07:47	08/26/22 16:43	56-55-3	
Benzo(a)pyrene	**<2.3**	ug/kg	20.6	2.3	1	08/26/22 07:47	08/26/22 16:43	50-32-8	
Benzo(b)fluoranthene	**<2.9**	ug/kg	20.6	2.9	1	08/26/22 07:47	08/26/22 16:43	205-99-2	
Benzo(g,h,i)perylene	**<3.6**	ug/kg	20.6	3.6	1	08/26/22 07:47	08/26/22 16:43	191-24-2	
Benzo(k)fluoranthene	**<2.6**	ug/kg	20.6	2.6	1	08/26/22 07:47	08/26/22 16:43	207-08-9	
Chrysene	**<3.9**	ug/kg	20.6	3.9	1	08/26/22 07:47	08/26/22 16:43	218-01-9	
Dibenz(a,h)anthracene	**<2.9**	ug/kg	20.6	2.9	1	08/26/22 07:47	08/26/22 16:43	53-70-3	
Fluoranthene	**<2.4**	ug/kg	20.6	2.4	1	08/26/22 07:47	08/26/22 16:43	206-44-0	
Fluorene	**<2.5**	ug/kg	20.6	2.5	1	08/26/22 07:47	08/26/22 16:43	86-73-7	
Indeno(1,2,3-cd)pyrene	**<4.3**	ug/kg	20.6	4.3	1	08/26/22 07:47	08/26/22 16:43	193-39-5	
1-Methylnaphthalene	**<3.0**	ug/kg	20.6	3.0	1	08/26/22 07:47	08/26/22 16:43	90-12-0	
2-Methylnaphthalene	**<3.0**	ug/kg	20.6	3.0	1	08/26/22 07:47	08/26/22 16:43	91-57-6	
Naphthalene	**<2.0**	ug/kg	20.6	2.0	1	08/26/22 07:47	08/26/22 16:43	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-5 (3'-4') **Lab ID: 40250229011** Collected: 08/19/22 12:30 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**<2.4**	ug/kg	20.6	2.4	1	08/26/22 07:47	08/26/22 16:43	85-01-8	
Pyrene	**<3.0**	ug/kg	20.6	3.0	1	08/26/22 07:47	08/26/22 16:43	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	41-98		1	08/26/22 07:47	08/26/22 16:43	321-60-8	
Terphenyl-d14 (S)	68	%	37-106		1	08/26/22 07:47	08/26/22 16:43	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.9**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-6 (1'-2') **Lab ID: 40250229012** Collected: 08/19/22 12:40 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.4**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.4**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.4**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	11141-16-5	
PCB-1242 (Aroclor 1242)	**<16.4**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.4**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	12672-29-6	
PCB-1254 (Aroclor 1254)	**<16.4**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	11097-69-1	
PCB-1260 (Aroclor 1260)	**19.0J**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	11096-82-5	
PCB, Total	**19.0J**	ug/kg	53.9	16.4	1	08/24/22 07:03	08/25/22 11:37	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	51	%	50-99		1	08/24/22 07:03	08/25/22 11:37	877-09-8	
Decachlorobiphenyl (S)	57	%	38-95		1	08/24/22 07:03	08/25/22 11:37	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**16.2**	mg/kg	2.5	1.4	1	08/25/22 06:01	08/26/22 16:44	7440-38-2	
Barium	**92.6**	mg/kg	0.49	0.15	1	08/25/22 06:01	08/26/22 16:44	7440-39-3	
Cadmium	**0.40J**	mg/kg	0.49	0.13	1	08/25/22 06:01	08/26/22 16:44	7440-43-9	
Chromium	**24.7**	mg/kg	0.99	0.27	1	08/25/22 06:01	08/26/22 16:44	7440-47-3	
Lead	**318**	mg/kg	2.0	0.59	1	08/25/22 06:01	08/26/22 16:44	7439-92-1	
Selenium	**3.0J**	mg/kg	3.9	1.3	1	08/25/22 06:01	08/26/22 16:44	7782-49-2	
Silver	**0.48J**	mg/kg	0.99	0.30	1	08/25/22 06:01	08/26/22 16:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.12**	mg/kg	0.035	0.010	1	08/25/22 08:19	08/26/22 07:56	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**29.4J**	ug/kg	90.3	11.7	5	08/26/22 07:47	08/26/22 19:35	83-32-9	
Acenaphthylene	**57.8J**	ug/kg	90.3	11.4	5	08/26/22 07:47	08/26/22 19:35	208-96-8	
Anthracene	**65.8J**	ug/kg	90.3	11.2	5	08/26/22 07:47	08/26/22 19:35	120-12-7	
Benzo(a)anthracene	**136**	ug/kg	90.3	11.7	5	08/26/22 07:47	08/26/22 19:35	56-55-3	
Benzo(a)pyrene	**77.1J**	ug/kg	90.3	10.3	5	08/26/22 07:47	08/26/22 19:35	50-32-8	
Benzo(b)fluoranthene	**148**	ug/kg	90.3	12.5	5	08/26/22 07:47	08/26/22 19:35	205-99-2	
Benzo(g,h,i)perylene	**34.6J**	ug/kg	90.3	15.8	5	08/26/22 07:47	08/26/22 19:35	191-24-2	
Benzo(k)fluoranthene	**45.4J**	ug/kg	90.3	11.5	5	08/26/22 07:47	08/26/22 19:35	207-08-9	
Chrysene	**181**	ug/kg	90.3	17.0	5	08/26/22 07:47	08/26/22 19:35	218-01-9	
Dibenz(a,h)anthracene	**16.1J**	ug/kg	90.3	12.5	5	08/26/22 07:47	08/26/22 19:35	53-70-3	
Fluoranthene	**172**	ug/kg	90.3	10.7	5	08/26/22 07:47	08/26/22 19:35	206-44-0	
Fluorene	**31.9J**	ug/kg	90.3	10.8	5	08/26/22 07:47	08/26/22 19:35	86-73-7	
Indeno(1,2,3-cd)pyrene	**30.2J**	ug/kg	90.3	18.8	5	08/26/22 07:47	08/26/22 19:35	193-39-5	
1-Methylnaphthalene	**1610**	ug/kg	90.3	13.2	5	08/26/22 07:47	08/26/22 19:35	90-12-0	
2-Methylnaphthalene	**1970**	ug/kg	90.3	13.2	5	08/26/22 07:47	08/26/22 19:35	91-57-6	
Naphthalene	**1430**	ug/kg	90.3	8.8	5	08/26/22 07:47	08/26/22 19:35	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-6 (1'-2') **Lab ID: 40250229012** Collected: 08/19/22 12:40 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**846**	ug/kg	90.3	10.3	5	08/26/22 07:47	08/26/22 19:35	85-01-8	
Pyrene	**204**	ug/kg	90.3	13.3	5	08/26/22 07:47	08/26/22 19:35	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	56	%	41-98		5	08/26/22 07:47	08/26/22 19:35	321-60-8	
Terphenyl-d14 (S)	67	%	37-106		5	08/26/22 07:47	08/26/22 19:35	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.5**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-6 (2'-3') **Lab ID: 40250229013** Collected: 08/19/22 12:50 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	11141-16-5	
PCB-1242 (Aroclor 1242)	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	12672-29-6	
PCB-1254 (Aroclor 1254)	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	11096-82-5	
PCB, Total	**<18.1**	ug/kg	59.6	18.1	1	08/24/22 07:03	08/25/22 11:58	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	53	%	50-99		1	08/24/22 07:03	08/25/22 11:58	877-09-8	
Decachlorobiphenyl (S)	59	%	38-95		1	08/24/22 07:03	08/25/22 11:58	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**11.3**	mg/kg	2.8	1.7	1	08/25/22 06:01	08/26/22 16:46	7440-38-2	
Barium	**110**	mg/kg	0.56	0.17	1	08/25/22 06:01	08/26/22 16:46	7440-39-3	
Cadmium	**0.58**	mg/kg	0.56	0.15	1	08/25/22 06:01	08/26/22 16:46	7440-43-9	
Chromium	**10.7**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/26/22 16:46	7440-47-3	
Lead	**162**	mg/kg	2.3	0.68	1	08/25/22 06:01	08/26/22 16:46	7439-92-1	
Selenium	**2.2J**	mg/kg	4.5	1.5	1	08/25/22 06:01	08/26/22 16:46	7782-49-2	
Silver	**0.36J**	mg/kg	1.1	0.35	1	08/25/22 06:01	08/26/22 16:46	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.043**	mg/kg	0.040	0.012	1	08/25/22 08:19	08/26/22 08:03	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<10.3**	ug/kg	79.5	10.3	4	08/26/22 07:47	08/26/22 18:27	83-32-9	
Acenaphthylene	**57.6J**	ug/kg	79.5	10.0	4	08/26/22 07:47	08/26/22 18:27	208-96-8	
Anthracene	**43.1J**	ug/kg	79.5	9.9	4	08/26/22 07:47	08/26/22 18:27	120-12-7	
Benzo(a)anthracene	**97.7**	ug/kg	79.5	10.3	4	08/26/22 07:47	08/26/22 18:27	56-55-3	
Benzo(a)pyrene	**61.9J**	ug/kg	79.5	9.0	4	08/26/22 07:47	08/26/22 18:27	50-32-8	
Benzo(b)fluoranthene	**186**	ug/kg	79.5	11.0	4	08/26/22 07:47	08/26/22 18:27	205-99-2	
Benzo(g,h,i)perylene	**64.1J**	ug/kg	79.5	13.9	4	08/26/22 07:47	08/26/22 18:27	191-24-2	
Benzo(k)fluoranthene	**58.2J**	ug/kg	79.5	10.2	4	08/26/22 07:47	08/26/22 18:27	207-08-9	
Chrysene	**188**	ug/kg	79.5	15.0	4	08/26/22 07:47	08/26/22 18:27	218-01-9	
Dibenz(a,h)anthracene	**21.2J**	ug/kg	79.5	11.0	4	08/26/22 07:47	08/26/22 18:27	53-70-3	
Fluoranthene	**221**	ug/kg	79.5	9.4	4	08/26/22 07:47	08/26/22 18:27	206-44-0	
Fluorene	**19.0J**	ug/kg	79.5	9.5	4	08/26/22 07:47	08/26/22 18:27	86-73-7	
Indeno(1,2,3-cd)pyrene	**51.5J**	ug/kg	79.5	16.6	4	08/26/22 07:47	08/26/22 18:27	193-39-5	
1-Methylnaphthalene	**741**	ug/kg	79.5	11.6	4	08/26/22 07:47	08/26/22 18:27	90-12-0	
2-Methylnaphthalene	**909**	ug/kg	79.5	11.6	4	08/26/22 07:47	08/26/22 18:27	91-57-6	
Naphthalene	**701**	ug/kg	79.5	7.7	4	08/26/22 07:47	08/26/22 18:27	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-6 (2'-3') **Lab ID: 40250229013** Collected: 08/19/22 12:50 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**573**	ug/kg	79.5	9.1	4	08/26/22 07:47	08/26/22 18:27	85-01-8	
Pyrene	**191**	ug/kg	79.5	11.7	4	08/26/22 07:47	08/26/22 18:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	52	%	41-98		4	08/26/22 07:47	08/26/22 18:27	321-60-8	
Terphenyl-d14 (S)	63	%	37-106		4	08/26/22 07:47	08/26/22 18:27	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**16.0**	%	0.10	0.10	1		08/24/22 16:38		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-7 (1'-2') **Lab ID: 40250229014** Collected: 08/19/22 13:00 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	12674-11-2	
PCB-1221 (Aroclor 1221)	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	11104-28-2	
PCB-1232 (Aroclor 1232)	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	11141-16-5	
PCB-1242 (Aroclor 1242)	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	53469-21-9	
PCB-1248 (Aroclor 1248)	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	12672-29-6	
PCB-1254 (Aroclor 1254)	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	11097-69-1	
PCB-1260 (Aroclor 1260)	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	11096-82-5	
PCB, Total	**<16.8**	ug/kg	55.0	16.8	1	08/24/22 07:03	08/25/22 12:20	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	59	%	50-99		1	08/24/22 07:03	08/25/22 12:20	877-09-8	
Decachlorobiphenyl (S)	63	%	38-95		1	08/24/22 07:03	08/25/22 12:20	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<1.6**	mg/kg	2.7	1.6	1	08/25/22 06:01	08/26/22 16:49	7440-38-2	
Barium	**24.6**	mg/kg	0.54	0.16	1	08/25/22 06:01	08/26/22 16:49	7440-39-3	
Cadmium	**0.69**	mg/kg	0.54	0.14	1	08/25/22 06:01	08/26/22 16:49	7440-43-9	
Chromium	**9.4**	mg/kg	1.1	0.30	1	08/25/22 06:01	08/26/22 16:49	7440-47-3	
Lead	**50.9**	mg/kg	2.2	0.65	1	08/25/22 06:01	08/26/22 16:49	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	08/25/22 06:01	08/26/22 16:49	7782-49-2	
Silver	**<0.33**	mg/kg	1.1	0.33	1	08/25/22 06:01	08/26/22 16:49	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.15**	mg/kg	0.035	0.010	1	08/25/22 08:19	08/26/22 08:06	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.4**	ug/kg	18.4	2.4	1	08/26/22 07:47	08/26/22 17:01	83-32-9	
Acenaphthylene	**<2.3**	ug/kg	18.4	2.3	1	08/26/22 07:47	08/26/22 17:01	208-96-8	
Anthracene	**3.4J**	ug/kg	18.4	2.3	1	08/26/22 07:47	08/26/22 17:01	120-12-7	
Benzo(a)anthracene	**8.0J**	ug/kg	18.4	2.4	1	08/26/22 07:47	08/26/22 17:01	56-55-3	
Benzo(a)pyrene	**7.8J**	ug/kg	18.4	2.1	1	08/26/22 07:47	08/26/22 17:01	50-32-8	
Benzo(b)fluoranthene	**9.7J**	ug/kg	18.4	2.6	1	08/26/22 07:47	08/26/22 17:01	205-99-2	
Benzo(g,h,i)perylene	**4.5J**	ug/kg	18.4	3.2	1	08/26/22 07:47	08/26/22 17:01	191-24-2	
Benzo(k)fluoranthene	**4.6J**	ug/kg	18.4	2.3	1	08/26/22 07:47	08/26/22 17:01	207-08-9	
Chrysene	**13.3J**	ug/kg	18.4	3.5	1	08/26/22 07:47	08/26/22 17:01	218-01-9	
Dibenz(a,h)anthracene	**<2.5**	ug/kg	18.4	2.5	1	08/26/22 07:47	08/26/22 17:01	53-70-3	
Fluoranthene	**18.0J**	ug/kg	18.4	2.2	1	08/26/22 07:47	08/26/22 17:01	206-44-0	
Fluorene	**<2.2**	ug/kg	18.4	2.2	1	08/26/22 07:47	08/26/22 17:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**<3.8**	ug/kg	18.4	3.8	1	08/26/22 07:47	08/26/22 17:01	193-39-5	
1-Methylnaphthalene	**10.2J**	ug/kg	18.4	2.7	1	08/26/22 07:47	08/26/22 17:01	90-12-0	
2-Methylnaphthalene	**13.0J**	ug/kg	18.4	2.7	1	08/26/22 07:47	08/26/22 17:01	91-57-6	
Naphthalene	**9.6J**	ug/kg	18.4	1.8	1	08/26/22 07:47	08/26/22 17:01	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-7 (1'-2') **Lab ID: 40250229014** Collected: 08/19/22 13:00 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**17.3J**	ug/kg	18.4	2.1	1	08/26/22 07:47	08/26/22 17:01	85-01-8	
Pyrene	**25.9**	ug/kg	18.4	2.7	1	08/26/22 07:47	08/26/22 17:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	41-98		1	08/26/22 07:47	08/26/22 17:01	321-60-8	
Terphenyl-d14 (S)	75	%	37-106		1	08/26/22 07:47	08/26/22 17:01	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.2**	%	0.10	0.10	1		08/25/22 11:53		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-7 (3'-4') **Lab ID: 40250229015** Collected: 08/19/22 13:10 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	11141-16-5	
PCB-1242 (Aroclor 1242)	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	12672-29-6	
PCB-1254 (Aroclor 1254)	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	11096-82-5	
PCB, Total	**<18.7**	ug/kg	61.3	18.7	1	08/24/22 07:03	08/25/22 12:42	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	64	%	50-99		1	08/24/22 07:03	08/25/22 12:42	877-09-8	
Decachlorobiphenyl (S)	67	%	38-95		1	08/24/22 07:03	08/25/22 12:42	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<1.8**	mg/kg	3.0	1.8	1	08/25/22 06:01	08/26/22 16:51	7440-38-2	
Barium	**30.5**	mg/kg	0.61	0.18	1	08/25/22 06:01	08/26/22 16:51	7440-39-3	
Cadmium	**0.16J**	mg/kg	0.61	0.16	1	08/25/22 06:01	08/26/22 16:51	7440-43-9	
Chromium	**14.4**	mg/kg	1.2	0.34	1	08/25/22 06:01	08/26/22 16:51	7440-47-3	
Lead	**4.3**	mg/kg	2.4	0.73	1	08/25/22 06:01	08/26/22 16:51	7439-92-1	
Selenium	**<1.6**	mg/kg	4.8	1.6	1	08/25/22 06:01	08/26/22 16:51	7782-49-2	
Silver	**<0.37**	mg/kg	1.2	0.37	1	08/25/22 06:01	08/26/22 16:51	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**<0.011**	mg/kg	0.039	0.011	1	08/25/22 08:19	08/26/22 08:08	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.7**	ug/kg	20.5	2.7	1	08/26/22 07:47	08/26/22 10:27	83-32-9	
Acenaphthylene	**<2.6**	ug/kg	20.5	2.6	1	08/26/22 07:47	08/26/22 10:27	208-96-8	
Anthracene	**<2.5**	ug/kg	20.5	2.5	1	08/26/22 07:47	08/26/22 10:27	120-12-7	
Benzo(a)anthracene	**<2.6**	ug/kg	20.5	2.6	1	08/26/22 07:47	08/26/22 10:27	56-55-3	
Benzo(a)pyrene	**<2.3**	ug/kg	20.5	2.3	1	08/26/22 07:47	08/26/22 10:27	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	20.5	2.8	1	08/26/22 07:47	08/26/22 10:27	205-99-2	
Benzo(g,h,i)perylene	**<3.6**	ug/kg	20.5	3.6	1	08/26/22 07:47	08/26/22 10:27	191-24-2	
Benzo(k)fluoranthene	**<2.6**	ug/kg	20.5	2.6	1	08/26/22 07:47	08/26/22 10:27	207-08-9	
Chrysene	**<3.9**	ug/kg	20.5	3.9	1	08/26/22 07:47	08/26/22 10:27	218-01-9	
Dibenz(a,h)anthracene	**<2.8**	ug/kg	20.5	2.8	1	08/26/22 07:47	08/26/22 10:27	53-70-3	
Fluoranthene	**<2.4**	ug/kg	20.5	2.4	1	08/26/22 07:47	08/26/22 10:27	206-44-0	
Fluorene	**<2.5**	ug/kg	20.5	2.5	1	08/26/22 07:47	08/26/22 10:27	86-73-7	
Indeno(1,2,3-cd)pyrene	**<4.3**	ug/kg	20.5	4.3	1	08/26/22 07:47	08/26/22 10:27	193-39-5	
1-Methylnaphthalene	**<3.0**	ug/kg	20.5	3.0	1	08/26/22 07:47	08/26/22 10:27	90-12-0	
2-Methylnaphthalene	**<3.0**	ug/kg	20.5	3.0	1	08/26/22 07:47	08/26/22 10:27	91-57-6	
Naphthalene	**<2.0**	ug/kg	20.5	2.0	1	08/26/22 07:47	08/26/22 10:27	91-20-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-7 (3'-4') **Lab ID: 40250229015** Collected: 08/19/22 13:10 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Phenanthrene	**<2.3**	ug/kg	20.5	2.3	1	08/26/22 07:47	08/26/22 10:27	85-01-8	
Pyrene	**<3.0**	ug/kg	20.5	3.0	1	08/26/22 07:47	08/26/22 10:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	41-98		1	08/26/22 07:47	08/26/22 10:27	321-60-8	
Terphenyl-d14 (S)	74	%	37-106		1	08/26/22 07:47	08/26/22 10:27	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.5**	%	0.10	0.10	1		08/25/22 11:53		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-8 (1'-2') **Lab ID: 40250229016** Collected: 08/19/22 10:40 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**1.7J**	mg/kg	2.6	1.5	1	08/25/22 06:01	08/26/22 16:54	7440-38-2	
Barium	**75.2**	mg/kg	0.51	0.15	1	08/25/22 06:01	08/26/22 16:54	7440-39-3	
Cadmium	**0.19J**	mg/kg	0.51	0.14	1	08/25/22 06:01	08/26/22 16:54	7440-43-9	
Chromium	**19.9**	mg/kg	1.0	0.29	1	08/25/22 06:01	08/26/22 16:54	7440-47-3	
Lead	**7.7**	mg/kg	2.1	0.61	1	08/25/22 06:01	08/26/22 16:54	7439-92-1	
Selenium	**<1.3**	mg/kg	4.1	1.3	1	08/25/22 06:01	08/26/22 16:54	7782-49-2	
Silver	**<0.32**	mg/kg	1.0	0.32	1	08/25/22 06:01	08/26/22 16:54	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.020J**	mg/kg	0.036	0.010	1	08/25/22 08:19	08/26/22 08:10	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.4**	ug/kg	18.7	2.4	1	08/26/22 07:47	08/26/22 18:44	83-32-9	
Acenaphthylene	**4.9J**	ug/kg	18.7	2.4	1	08/26/22 07:47	08/26/22 18:44	208-96-8	
Anthracene	**7.6J**	ug/kg	18.7	2.3	1	08/26/22 07:47	08/26/22 18:44	120-12-7	
Benzo(a)anthracene	**37.7**	ug/kg	18.7	2.4	1	08/26/22 07:47	08/26/22 18:44	56-55-3	
Benzo(a)pyrene	**60.9**	ug/kg	18.7	2.1	1	08/26/22 07:47	08/26/22 18:44	50-32-8	
Benzo(b)fluoranthene	**95.1**	ug/kg	18.7	2.6	1	08/26/22 07:47	08/26/22 18:44	205-99-2	
Benzo(g,h,i)perylene	**46.5**	ug/kg	18.7	3.3	1	08/26/22 07:47	08/26/22 18:44	191-24-2	
Benzo(k)fluoranthene	**35.1**	ug/kg	18.7	2.4	1	08/26/22 07:47	08/26/22 18:44	207-08-9	
Chrysene	**67.2**	ug/kg	18.7	3.5	1	08/26/22 07:47	08/26/22 18:44	218-01-9	
Dibenz(a,h)anthracene	**11.3J**	ug/kg	18.7	2.6	1	08/26/22 07:47	08/26/22 18:44	53-70-3	
Fluoranthene	**93.4**	ug/kg	18.7	2.2	1	08/26/22 07:47	08/26/22 18:44	206-44-0	
Fluorene	**2.9J**	ug/kg	18.7	2.2	1	08/26/22 07:47	08/26/22 18:44	86-73-7	
Indeno(1,2,3-cd)pyrene	**32.2**	ug/kg	18.7	3.9	1	08/26/22 07:47	08/26/22 18:44	193-39-5	
1-Methylnaphthalene	**<2.7**	ug/kg	18.7	2.7	1	08/26/22 07:47	08/26/22 18:44	90-12-0	
2-Methylnaphthalene	**3.8J**	ug/kg	18.7	2.7	1	08/26/22 07:47	08/26/22 18:44	91-57-6	
Naphthalene	**2.6J**	ug/kg	18.7	1.8	1	08/26/22 07:47	08/26/22 18:44	91-20-3	
Phenanthrene	**32.9**	ug/kg	18.7	2.1	1	08/26/22 07:47	08/26/22 18:44	85-01-8	
Pyrene	**75.5**	ug/kg	18.7	2.7	1	08/26/22 07:47	08/26/22 18:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	56	%	41-98		1	08/26/22 07:47	08/26/22 18:44	321-60-8	
Terphenyl-d14 (S)	64	%	37-106		1	08/26/22 07:47	08/26/22 18:44	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.7**	ug/kg	24.7	14.7	1	08/26/22 10:00	08/26/22 18:37	71-43-2	
Bromobenzene	**<24.1**	ug/kg	61.9	24.1	1	08/26/22 10:00	08/26/22 18:37	108-86-1	
Bromochloromethane	**<16.9**	ug/kg	61.9	16.9	1	08/26/22 10:00	08/26/22 18:37	74-97-5	
Bromodichloromethane	**<14.7**	ug/kg	61.9	14.7	1	08/26/22 10:00	08/26/22 18:37	75-27-4	
Bromoform	**<272**	ug/kg	309	272	1	08/26/22 10:00	08/26/22 18:37	75-25-2	
Bromomethane	**<86.7**	ug/kg	309	86.7	1	08/26/22 10:00	08/26/22 18:37	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-8 (1'-2') **Lab ID: 40250229016** Collected: 08/19/22 10:40 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<28.3**	ug/kg	61.9	28.3	1	08/26/22 10:00	08/26/22 18:37	104-51-8	
sec-Butylbenzene	**<15.1**	ug/kg	61.9	15.1	1	08/26/22 10:00	08/26/22 18:37	135-98-8	
tert-Butylbenzene	**<19.4**	ug/kg	61.9	19.4	1	08/26/22 10:00	08/26/22 18:37	98-06-6	
Carbon tetrachloride	**<13.6**	ug/kg	61.9	13.6	1	08/26/22 10:00	08/26/22 18:37	56-23-5	
Chlorobenzene	**<7.4**	ug/kg	61.9	7.4	1	08/26/22 10:00	08/26/22 18:37	108-90-7	
Chloroethane	**<26.1**	ug/kg	309	26.1	1	08/26/22 10:00	08/26/22 18:37	75-00-3	
Chloroform	**<44.3**	ug/kg	309	44.3	1	08/26/22 10:00	08/26/22 18:37	67-66-3	
Chloromethane	**<23.5**	ug/kg	61.9	23.5	1	08/26/22 10:00	08/26/22 18:37	74-87-3	
2-Chlorotoluene	**<20.0**	ug/kg	61.9	20.0	1	08/26/22 10:00	08/26/22 18:37	95-49-8	
4-Chlorotoluene	**<23.5**	ug/kg	61.9	23.5	1	08/26/22 10:00	08/26/22 18:37	106-43-4	
1,2-Dibromo-3-chloropropane	**<48.0**	ug/kg	309	48.0	1	08/26/22 10:00	08/26/22 18:37	96-12-8	
Dibromochloromethane	**<211**	ug/kg	309	211	1	08/26/22 10:00	08/26/22 18:37	124-48-1	
1,2-Dibromoethane (EDB)	**<16.9**	ug/kg	61.9	16.9	1	08/26/22 10:00	08/26/22 18:37	106-93-4	
Dibromomethane	**<18.3**	ug/kg	61.9	18.3	1	08/26/22 10:00	08/26/22 18:37	74-95-3	
1,2-Dichlorobenzene	**<19.2**	ug/kg	61.9	19.2	1	08/26/22 10:00	08/26/22 18:37	95-50-1	
1,3-Dichlorobenzene	**<16.9**	ug/kg	61.9	16.9	1	08/26/22 10:00	08/26/22 18:37	541-73-1	
1,4-Dichlorobenzene	**<16.9**	ug/kg	61.9	16.9	1	08/26/22 10:00	08/26/22 18:37	106-46-7	
Dichlorodifluoromethane	**<26.6**	ug/kg	61.9	26.6	1	08/26/22 10:00	08/26/22 18:37	75-71-8	
1,1-Dichloroethane	**<15.8**	ug/kg	61.9	15.8	1	08/26/22 10:00	08/26/22 18:37	75-34-3	
1,2-Dichloroethane	**<14.2**	ug/kg	61.9	14.2	1	08/26/22 10:00	08/26/22 18:37	107-06-2	
1,1-Dichloroethene	**<20.5**	ug/kg	61.9	20.5	1	08/26/22 10:00	08/26/22 18:37	75-35-4	
cis-1,2-Dichloroethene	**<13.2**	ug/kg	61.9	13.2	1	08/26/22 10:00	08/26/22 18:37	156-59-2	
trans-1,2-Dichloroethene	**<13.4**	ug/kg	61.9	13.4	1	08/26/22 10:00	08/26/22 18:37	156-60-5	
1,2-Dichloropropane	**<14.7**	ug/kg	61.9	14.7	1	08/26/22 10:00	08/26/22 18:37	78-87-5	
1,3-Dichloropropane	**<13.5**	ug/kg	61.9	13.5	1	08/26/22 10:00	08/26/22 18:37	142-28-9	
2,2-Dichloropropane	**<16.7**	ug/kg	61.9	16.7	1	08/26/22 10:00	08/26/22 18:37	594-20-7	
1,1-Dichloropropene	**<20.0**	ug/kg	61.9	20.0	1	08/26/22 10:00	08/26/22 18:37	563-58-6	
cis-1,3-Dichloropropene	**<40.8**	ug/kg	309	40.8	1	08/26/22 10:00	08/26/22 18:37	10061-01-5	
trans-1,3-Dichloropropene	**<177**	ug/kg	309	177	1	08/26/22 10:00	08/26/22 18:37	10061-02-6	
Diisopropyl ether	**<15.3**	ug/kg	61.9	15.3	1	08/26/22 10:00	08/26/22 18:37	108-20-3	
Ethylbenzene	**<14.7**	ug/kg	61.9	14.7	1	08/26/22 10:00	08/26/22 18:37	100-41-4	
Hexachloro-1,3-butadiene	**<123**	ug/kg	309	123	1	08/26/22 10:00	08/26/22 18:37	87-68-3	
Isopropylbenzene (Cumene)	**<16.7**	ug/kg	61.9	16.7	1	08/26/22 10:00	08/26/22 18:37	98-82-8	
p-Isopropyltoluene	**<18.8**	ug/kg	61.9	18.8	1	08/26/22 10:00	08/26/22 18:37	99-87-6	
Methylene Chloride	**<17.2**	ug/kg	61.9	17.2	1	08/26/22 10:00	08/26/22 18:37	75-09-2	
Methyl-tert-butyl ether	**<18.2**	ug/kg	61.9	18.2	1	08/26/22 10:00	08/26/22 18:37	1634-04-4	
Naphthalene	**<19.3**	ug/kg	309	19.3	1	08/26/22 10:00	08/26/22 18:37	91-20-3	
n-Propylbenzene	**<14.8**	ug/kg	61.9	14.8	1	08/26/22 10:00	08/26/22 18:37	103-65-1	
Styrene	**<15.8**	ug/kg	61.9	15.8	1	08/26/22 10:00	08/26/22 18:37	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.8**	ug/kg	61.9	14.8	1	08/26/22 10:00	08/26/22 18:37	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.4**	ug/kg	61.9	22.4	1	08/26/22 10:00	08/26/22 18:37	79-34-5	
Tetrachloroethene	**<24.0**	ug/kg	61.9	24.0	1	08/26/22 10:00	08/26/22 18:37	127-18-4	
Toluene	**<15.6**	ug/kg	61.9	15.6	1	08/26/22 10:00	08/26/22 18:37	108-88-3	
1,2,3-Trichlorobenzene	**<68.9**	ug/kg	309	68.9	1	08/26/22 10:00	08/26/22 18:37	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-8 (1'-2') **Lab ID: 40250229016** Collected: 08/19/22 10:40 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<51.0**	ug/kg	309	51.0	1	08/26/22 10:00	08/26/22 18:37	120-82-1	
1,1,1-Trichloroethane	**<15.8**	ug/kg	61.9	15.8	1	08/26/22 10:00	08/26/22 18:37	71-55-6	
1,1,2-Trichloroethane	**<22.5**	ug/kg	61.9	22.5	1	08/26/22 10:00	08/26/22 18:37	79-00-5	
Trichloroethene	**<23.1**	ug/kg	61.9	23.1	1	08/26/22 10:00	08/26/22 18:37	79-01-6	
Trichlorofluoromethane	**<17.9**	ug/kg	61.9	17.9	1	08/26/22 10:00	08/26/22 18:37	75-69-4	
1,2,3-Trichloropropane	**<30.1**	ug/kg	61.9	30.1	1	08/26/22 10:00	08/26/22 18:37	96-18-4	
1,2,4-Trimethylbenzene	**<18.4**	ug/kg	61.9	18.4	1	08/26/22 10:00	08/26/22 18:37	95-63-6	
1,3,5-Trimethylbenzene	**<19.9**	ug/kg	61.9	19.9	1	08/26/22 10:00	08/26/22 18:37	108-67-8	
Vinyl chloride	**<12.5**	ug/kg	61.9	12.5	1	08/26/22 10:00	08/26/22 18:37	75-01-4	
Xylene (Total)	**<44.7**	ug/kg	186	44.7	1	08/26/22 10:00	08/26/22 18:37	1330-20-7	
m&p-Xylene	**<26.1**	ug/kg	124	26.1	1	08/26/22 10:00	08/26/22 18:37	179601-23-1	
o-Xylene	**<18.6**	ug/kg	61.9	18.6	1	08/26/22 10:00	08/26/22 18:37	95-47-6	
Surrogates									
Toluene-d8 (S)	108	%	69-153		1	08/26/22 10:00	08/26/22 18:37	2037-26-5	
4-Bromofluorobenzene (S)	127	%	68-156		1	08/26/22 10:00	08/26/22 18:37	460-00-4	
1,2-Dichlorobenzene-d4 (S)	115	%	71-161		1	08/26/22 10:00	08/26/22 18:37	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.6**	%	0.10	0.10	1		08/25/22 11:53		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-8 (3'-4') **Lab ID: 40250229017** Collected: 08/19/22 10:50 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.8**	mg/kg	2.8	1.6	1	08/25/22 06:01	08/26/22 16:56	7440-38-2	
Barium	**83.3**	mg/kg	0.56	0.17	1	08/25/22 06:01	08/26/22 16:56	7440-39-3	
Cadmium	**0.22J**	mg/kg	0.56	0.15	1	08/25/22 06:01	08/26/22 16:56	7440-43-9	
Chromium	**26.7**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/26/22 16:56	7440-47-3	
Lead	**22.7**	mg/kg	2.2	0.67	1	08/25/22 06:01	08/26/22 16:56	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	08/25/22 06:01	08/26/22 16:56	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	08/25/22 06:01	08/26/22 16:56	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.057**	mg/kg	0.042	0.012	1	08/25/22 09:14	08/26/22 08:17	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**37.1J**	ug/kg	202	26.2	10	08/26/22 07:47	08/26/22 19:01	83-32-9	
Acenaphthylene	**<25.5**	ug/kg	202	25.5	10	08/26/22 07:47	08/26/22 19:01	208-96-8	
Anthracene	**131J**	ug/kg	202	25.1	10	08/26/22 07:47	08/26/22 19:01	120-12-7	
Benzo(a)anthracene	**658**	ug/kg	202	26.1	10	08/26/22 07:47	08/26/22 19:01	56-55-3	
Benzo(a)pyrene	**940**	ug/kg	202	22.9	10	08/26/22 07:47	08/26/22 19:01	50-32-8	
Benzo(b)fluoranthene	**1390**	ug/kg	202	28.0	10	08/26/22 07:47	08/26/22 19:01	205-99-2	
Benzo(g,h,i)perylene	**614**	ug/kg	202	35.4	10	08/26/22 07:47	08/26/22 19:01	191-24-2	
Benzo(k)fluoranthene	**593**	ug/kg	202	25.8	10	08/26/22 07:47	08/26/22 19:01	207-08-9	
Chrysene	**1010**	ug/kg	202	38.1	10	08/26/22 07:47	08/26/22 19:01	218-01-9	
Dibenz(a,h)anthracene	**165J**	ug/kg	202	27.9	10	08/26/22 07:47	08/26/22 19:01	53-70-3	
Fluoranthene	**1900**	ug/kg	202	23.9	10	08/26/22 07:47	08/26/22 19:01	206-44-0	
Fluorene	**40.8J**	ug/kg	202	24.2	10	08/26/22 07:47	08/26/22 19:01	86-73-7	
Indeno(1,2,3-cd)pyrene	**514**	ug/kg	202	42.1	10	08/26/22 07:47	08/26/22 19:01	193-39-5	
1-Methylnaphthalene	**<29.5**	ug/kg	202	29.5	10	08/26/22 07:47	08/26/22 19:01	90-12-0	
2-Methylnaphthalene	**<29.5**	ug/kg	202	29.5	10	08/26/22 07:47	08/26/22 19:01	91-57-6	
Naphthalene	**<19.7**	ug/kg	202	19.7	10	08/26/22 07:47	08/26/22 19:01	91-20-3	
Phenanthrene	**812**	ug/kg	202	23.1	10	08/26/22 07:47	08/26/22 19:01	85-01-8	
Pyrene	**1600**	ug/kg	202	29.7	10	08/26/22 07:47	08/26/22 19:01	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	57	%	41-98		10	08/26/22 07:47	08/26/22 19:01	321-60-8	
Terphenyl-d14 (S)	68	%	37-106		10	08/26/22 07:47	08/26/22 19:01	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<16.9**	ug/kg	28.3	16.9	1	08/26/22 10:00	08/26/22 15:02	71-43-2	
Bromobenzene	**<27.6**	ug/kg	70.8	27.6	1	08/26/22 10:00	08/26/22 15:02	108-86-1	
Bromochloromethane	**<19.4**	ug/kg	70.8	19.4	1	08/26/22 10:00	08/26/22 15:02	74-97-5	
Bromodichloromethane	**<16.9**	ug/kg	70.8	16.9	1	08/26/22 10:00	08/26/22 15:02	75-27-4	
Bromoform	**<312**	ug/kg	354	312	1	08/26/22 10:00	08/26/22 15:02	75-25-2	
Bromomethane	**<99.3**	ug/kg	354	99.3	1	08/26/22 10:00	08/26/22 15:02	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-8 (3'-4') **Lab ID: 40250229017** Collected: 08/19/22 10:50 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<32.4**	ug/kg	70.8	32.4	1	08/26/22 10:00	08/26/22 15:02	104-51-8	
sec-Butylbenzene	**<17.3**	ug/kg	70.8	17.3	1	08/26/22 10:00	08/26/22 15:02	135-98-8	
tert-Butylbenzene	**<22.2**	ug/kg	70.8	22.2	1	08/26/22 10:00	08/26/22 15:02	98-06-6	
Carbon tetrachloride	**<15.6**	ug/kg	70.8	15.6	1	08/26/22 10:00	08/26/22 15:02	56-23-5	
Chlorobenzene	**<8.5**	ug/kg	70.8	8.5	1	08/26/22 10:00	08/26/22 15:02	108-90-7	
Chloroethane	**<29.9**	ug/kg	354	29.9	1	08/26/22 10:00	08/26/22 15:02	75-00-3	
Chloroform	**<50.7**	ug/kg	354	50.7	1	08/26/22 10:00	08/26/22 15:02	67-66-3	
Chloromethane	**<26.9**	ug/kg	70.8	26.9	1	08/26/22 10:00	08/26/22 15:02	74-87-3	
2-Chlorotoluene	**<22.9**	ug/kg	70.8	22.9	1	08/26/22 10:00	08/26/22 15:02	95-49-8	
4-Chlorotoluene	**<26.9**	ug/kg	70.8	26.9	1	08/26/22 10:00	08/26/22 15:02	106-43-4	
1,2-Dibromo-3-chloropropane	**<55.0**	ug/kg	354	55.0	1	08/26/22 10:00	08/26/22 15:02	96-12-8	
Dibromochloromethane	**<242**	ug/kg	354	242	1	08/26/22 10:00	08/26/22 15:02	124-48-1	
1,2-Dibromoethane (EDB)	**<19.4**	ug/kg	70.8	19.4	1	08/26/22 10:00	08/26/22 15:02	106-93-4	
Dibromomethane	**<21.0**	ug/kg	70.8	21.0	1	08/26/22 10:00	08/26/22 15:02	74-95-3	
1,2-Dichlorobenzene	**<22.0**	ug/kg	70.8	22.0	1	08/26/22 10:00	08/26/22 15:02	95-50-1	
1,3-Dichlorobenzene	**<19.4**	ug/kg	70.8	19.4	1	08/26/22 10:00	08/26/22 15:02	541-73-1	
1,4-Dichlorobenzene	**<19.4**	ug/kg	70.8	19.4	1	08/26/22 10:00	08/26/22 15:02	106-46-7	
Dichlorodifluoromethane	**<30.5**	ug/kg	70.8	30.5	1	08/26/22 10:00	08/26/22 15:02	75-71-8	
1,1-Dichloroethane	**<18.1**	ug/kg	70.8	18.1	1	08/26/22 10:00	08/26/22 15:02	75-34-3	
1,2-Dichloroethane	**<16.3**	ug/kg	70.8	16.3	1	08/26/22 10:00	08/26/22 15:02	107-06-2	
1,1-Dichloroethene	**<23.5**	ug/kg	70.8	23.5	1	08/26/22 10:00	08/26/22 15:02	75-35-4	
cis-1,2-Dichloroethene	**<15.2**	ug/kg	70.8	15.2	1	08/26/22 10:00	08/26/22 15:02	156-59-2	
trans-1,2-Dichloroethene	**<15.3**	ug/kg	70.8	15.3	1	08/26/22 10:00	08/26/22 15:02	156-60-5	
1,2-Dichloropropane	**<16.9**	ug/kg	70.8	16.9	1	08/26/22 10:00	08/26/22 15:02	78-87-5	
1,3-Dichloropropane	**<15.4**	ug/kg	70.8	15.4	1	08/26/22 10:00	08/26/22 15:02	142-28-9	
2,2-Dichloropropane	**<19.1**	ug/kg	70.8	19.1	1	08/26/22 10:00	08/26/22 15:02	594-20-7	
1,1-Dichloropropene	**<22.9**	ug/kg	70.8	22.9	1	08/26/22 10:00	08/26/22 15:02	563-58-6	
cis-1,3-Dichloropropene	**<46.7**	ug/kg	354	46.7	1	08/26/22 10:00	08/26/22 15:02	10061-01-5	
trans-1,3-Dichloropropene	**<203**	ug/kg	354	203	1	08/26/22 10:00	08/26/22 15:02	10061-02-6	
Diisopropyl ether	**<17.6**	ug/kg	70.8	17.6	1	08/26/22 10:00	08/26/22 15:02	108-20-3	
Ethylbenzene	**<16.9**	ug/kg	70.8	16.9	1	08/26/22 10:00	08/26/22 15:02	100-41-4	
Hexachloro-1,3-butadiene	**<141**	ug/kg	354	141	1	08/26/22 10:00	08/26/22 15:02	87-68-3	
Isopropylbenzene (Cumene)	**<19.1**	ug/kg	70.8	19.1	1	08/26/22 10:00	08/26/22 15:02	98-82-8	
p-Isopropyltoluene	**<21.5**	ug/kg	70.8	21.5	1	08/26/22 10:00	08/26/22 15:02	99-87-6	
Methylene Chloride	**<19.7**	ug/kg	70.8	19.7	1	08/26/22 10:00	08/26/22 15:02	75-09-2	
Methyl-tert-butyl ether	**<20.8**	ug/kg	70.8	20.8	1	08/26/22 10:00	08/26/22 15:02	1634-04-4	
Naphthalene	**<22.1**	ug/kg	354	22.1	1	08/26/22 10:00	08/26/22 15:02	91-20-3	
n-Propylbenzene	**<17.0**	ug/kg	70.8	17.0	1	08/26/22 10:00	08/26/22 15:02	103-65-1	
Styrene	**<18.1**	ug/kg	70.8	18.1	1	08/26/22 10:00	08/26/22 15:02	100-42-5	
1,1,1,2-Tetrachloroethane	**<17.0**	ug/kg	70.8	17.0	1	08/26/22 10:00	08/26/22 15:02	630-20-6	
1,1,2,2-Tetrachloroethane	**<25.6**	ug/kg	70.8	25.6	1	08/26/22 10:00	08/26/22 15:02	79-34-5	
Tetrachloroethene	**<27.5**	ug/kg	70.8	27.5	1	08/26/22 10:00	08/26/22 15:02	127-18-4	
Toluene	**<17.8**	ug/kg	70.8	17.8	1	08/26/22 10:00	08/26/22 15:02	108-88-3	
1,2,3-Trichlorobenzene	**<78.9**	ug/kg	354	78.9	1	08/26/22 10:00	08/26/22 15:02	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-8 (3'-4') **Lab ID: 40250229017** Collected: 08/19/22 10:50 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<58.4**	ug/kg	354	58.4	1	08/26/22 10:00	08/26/22 15:02	120-82-1	
1,1,1-Trichloroethane	**<18.1**	ug/kg	70.8	18.1	1	08/26/22 10:00	08/26/22 15:02	71-55-6	
1,1,2-Trichloroethane	**<25.8**	ug/kg	70.8	25.8	1	08/26/22 10:00	08/26/22 15:02	79-00-5	
Trichloroethene	**<26.5**	ug/kg	70.8	26.5	1	08/26/22 10:00	08/26/22 15:02	79-01-6	
Trichlorofluoromethane	**<20.5**	ug/kg	70.8	20.5	1	08/26/22 10:00	08/26/22 15:02	75-69-4	
1,2,3-Trichloropropane	**<34.4**	ug/kg	70.8	34.4	1	08/26/22 10:00	08/26/22 15:02	96-18-4	
1,2,4-Trimethylbenzene	**<21.1**	ug/kg	70.8	21.1	1	08/26/22 10:00	08/26/22 15:02	95-63-6	
1,3,5-Trimethylbenzene	**<22.8**	ug/kg	70.8	22.8	1	08/26/22 10:00	08/26/22 15:02	108-67-8	
Vinyl chloride	**<14.3**	ug/kg	70.8	14.3	1	08/26/22 10:00	08/26/22 15:02	75-01-4	
Xylene (Total)	**<51.1**	ug/kg	212	51.1	1	08/26/22 10:00	08/26/22 15:02	1330-20-7	
m&p-Xylene	**<29.9**	ug/kg	142	29.9	1	08/26/22 10:00	08/26/22 15:02	179601-23-1	
o-Xylene	**<21.2**	ug/kg	70.8	21.2	1	08/26/22 10:00	08/26/22 15:02	95-47-6	
Surrogates									
Toluene-d8 (S)	128	%	69-153		1	08/26/22 10:00	08/26/22 15:02	2037-26-5	
4-Bromofluorobenzene (S)	148	%	68-156		1	08/26/22 10:00	08/26/22 15:02	460-00-4	
1,2-Dichlorobenzene-d4 (S)	132	%	71-161		1	08/26/22 10:00	08/26/22 15:02	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**17.2**	%	0.10	0.10	1		08/25/22 11:53		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-9 (1'-2') **Lab ID: 40250229018** Collected: 08/19/22 09:00 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.9**	mg/kg	2.7	1.6	1	08/25/22 06:01	08/26/22 16:58	7440-38-2	
Barium	**68.8**	mg/kg	0.53	0.16	1	08/25/22 06:01	08/26/22 16:58	7440-39-3	
Cadmium	**0.91**	mg/kg	0.53	0.14	1	08/25/22 06:01	08/26/22 16:58	7440-43-9	
Chromium	**18.4**	mg/kg	1.1	0.30	1	08/25/22 06:01	08/26/22 16:58	7440-47-3	
Lead	**141**	mg/kg	2.1	0.64	1	08/25/22 06:01	08/26/22 16:58	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	08/25/22 06:01	08/26/22 16:58	7782-49-2	
Silver	**<0.33**	mg/kg	1.1	0.33	1	08/25/22 06:01	08/26/22 16:58	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.11**	mg/kg	0.037	0.010	1	08/25/22 09:14	08/26/22 08:24	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**51.1J**	ug/kg	95.0	12.3	5	08/26/22 07:47	08/26/22 19:18	83-32-9	
Acenaphthylene	**<12.0**	ug/kg	95.0	12.0	5	08/26/22 07:47	08/26/22 19:18	208-96-8	
Anthracene	**135**	ug/kg	95.0	11.8	5	08/26/22 07:47	08/26/22 19:18	120-12-7	
Benzo(a)anthracene	**361**	ug/kg	95.0	12.3	5	08/26/22 07:47	08/26/22 19:18	56-55-3	
Benzo(a)pyrene	**470**	ug/kg	95.0	10.8	5	08/26/22 07:47	08/26/22 19:18	50-32-8	
Benzo(b)fluoranthene	**652**	ug/kg	95.0	13.2	5	08/26/22 07:47	08/26/22 19:18	205-99-2	
Benzo(g,h,i)perylene	**252**	ug/kg	95.0	16.7	5	08/26/22 07:47	08/26/22 19:18	191-24-2	
Benzo(k)fluoranthene	**282**	ug/kg	95.0	12.1	5	08/26/22 07:47	08/26/22 19:18	207-08-9	
Chrysene	**503**	ug/kg	95.0	17.9	5	08/26/22 07:47	08/26/22 19:18	218-01-9	
Dibenz(a,h)anthracene	**74.3J**	ug/kg	95.0	13.2	5	08/26/22 07:47	08/26/22 19:18	53-70-3	
Fluoranthene	**960**	ug/kg	95.0	11.2	5	08/26/22 07:47	08/26/22 19:18	206-44-0	
Fluorene	**48.0J**	ug/kg	95.0	11.4	5	08/26/22 07:47	08/26/22 19:18	86-73-7	
Indeno(1,2,3-cd)pyrene	**217**	ug/kg	95.0	19.8	5	08/26/22 07:47	08/26/22 19:18	193-39-5	
1-Methylnaphthalene	**21.4J**	ug/kg	95.0	13.9	5	08/26/22 07:47	08/26/22 19:18	90-12-0	
2-Methylnaphthalene	**28.0J**	ug/kg	95.0	13.9	5	08/26/22 07:47	08/26/22 19:18	91-57-6	
Naphthalene	**39.4J**	ug/kg	95.0	9.3	5	08/26/22 07:47	08/26/22 19:18	91-20-3	
Phenanthrene	**617**	ug/kg	95.0	10.9	5	08/26/22 07:47	08/26/22 19:18	85-01-8	
Pyrene	**903**	ug/kg	95.0	14.0	5	08/26/22 07:47	08/26/22 19:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	41-98		5	08/26/22 07:47	08/26/22 19:18	321-60-8	
Terphenyl-d14 (S)	67	%	37-106		5	08/26/22 07:47	08/26/22 19:18	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<17.0**	ug/kg	28.7	17.0	1	08/26/22 10:00	08/26/22 18:56	71-43-2	
Bromobenzene	**<27.9**	ug/kg	71.6	27.9	1	08/26/22 10:00	08/26/22 18:56	108-86-1	
Bromochloromethane	**<19.6**	ug/kg	71.6	19.6	1	08/26/22 10:00	08/26/22 18:56	74-97-5	
Bromodichloromethane	**<17.0**	ug/kg	71.6	17.0	1	08/26/22 10:00	08/26/22 18:56	75-27-4	
Bromoform	**<315**	ug/kg	358	315	1	08/26/22 10:00	08/26/22 18:56	75-25-2	
Bromomethane	**<100**	ug/kg	358	100	1	08/26/22 10:00	08/26/22 18:56	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-9 (1'-2') **Lab ID: 40250229018** Collected: 08/19/22 09:00 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<32.8**	ug/kg	71.6	32.8	1	08/26/22 10:00	08/26/22 18:56	104-51-8	
sec-Butylbenzene	**<17.5**	ug/kg	71.6	17.5	1	08/26/22 10:00	08/26/22 18:56	135-98-8	
tert-Butylbenzene	**<22.5**	ug/kg	71.6	22.5	1	08/26/22 10:00	08/26/22 18:56	98-06-6	
Carbon tetrachloride	**<15.8**	ug/kg	71.6	15.8	1	08/26/22 10:00	08/26/22 18:56	56-23-5	
Chlorobenzene	**<8.6**	ug/kg	71.6	8.6	1	08/26/22 10:00	08/26/22 18:56	108-90-7	
Chloroethane	**<30.2**	ug/kg	358	30.2	1	08/26/22 10:00	08/26/22 18:56	75-00-3	
Chloroform	**<51.3**	ug/kg	358	51.3	1	08/26/22 10:00	08/26/22 18:56	67-66-3	
Chloromethane	**<27.2**	ug/kg	71.6	27.2	1	08/26/22 10:00	08/26/22 18:56	74-87-3	
2-Chlorotoluene	**<23.2**	ug/kg	71.6	23.2	1	08/26/22 10:00	08/26/22 18:56	95-49-8	
4-Chlorotoluene	**<27.2**	ug/kg	71.6	27.2	1	08/26/22 10:00	08/26/22 18:56	106-43-4	
1,2-Dibromo-3-chloropropane	**<55.6**	ug/kg	358	55.6	1	08/26/22 10:00	08/26/22 18:56	96-12-8	
Dibromochloromethane	**<245**	ug/kg	358	245	1	08/26/22 10:00	08/26/22 18:56	124-48-1	
1,2-Dibromoethane (EDB)	**<19.6**	ug/kg	71.6	19.6	1	08/26/22 10:00	08/26/22 18:56	106-93-4	
Dibromomethane	**<21.2**	ug/kg	71.6	21.2	1	08/26/22 10:00	08/26/22 18:56	74-95-3	
1,2-Dichlorobenzene	**<22.2**	ug/kg	71.6	22.2	1	08/26/22 10:00	08/26/22 18:56	95-50-1	
1,3-Dichlorobenzene	**<19.6**	ug/kg	71.6	19.6	1	08/26/22 10:00	08/26/22 18:56	541-73-1	
1,4-Dichlorobenzene	**<19.6**	ug/kg	71.6	19.6	1	08/26/22 10:00	08/26/22 18:56	106-46-7	
Dichlorodifluoromethane	**<30.8**	ug/kg	71.6	30.8	1	08/26/22 10:00	08/26/22 18:56	75-71-8	
1,1-Dichloroethane	**<18.3**	ug/kg	71.6	18.3	1	08/26/22 10:00	08/26/22 18:56	75-34-3	
1,2-Dichloroethane	**<16.5**	ug/kg	71.6	16.5	1	08/26/22 10:00	08/26/22 18:56	107-06-2	
1,1-Dichloroethene	**<23.8**	ug/kg	71.6	23.8	1	08/26/22 10:00	08/26/22 18:56	75-35-4	
cis-1,2-Dichloroethene	**<15.3**	ug/kg	71.6	15.3	1	08/26/22 10:00	08/26/22 18:56	156-59-2	
trans-1,2-Dichloroethene	**<15.5**	ug/kg	71.6	15.5	1	08/26/22 10:00	08/26/22 18:56	156-60-5	
1,2-Dichloropropane	**<17.0**	ug/kg	71.6	17.0	1	08/26/22 10:00	08/26/22 18:56	78-87-5	
1,3-Dichloropropane	**<15.6**	ug/kg	71.6	15.6	1	08/26/22 10:00	08/26/22 18:56	142-28-9	
2,2-Dichloropropane	**<19.3**	ug/kg	71.6	19.3	1	08/26/22 10:00	08/26/22 18:56	594-20-7	
1,1-Dichloropropene	**<23.2**	ug/kg	71.6	23.2	1	08/26/22 10:00	08/26/22 18:56	563-58-6	
cis-1,3-Dichloropropene	**<47.3**	ug/kg	358	47.3	1	08/26/22 10:00	08/26/22 18:56	10061-01-5	
trans-1,3-Dichloropropene	**<205**	ug/kg	358	205	1	08/26/22 10:00	08/26/22 18:56	10061-02-6	
Diisopropyl ether	**<17.8**	ug/kg	71.6	17.8	1	08/26/22 10:00	08/26/22 18:56	108-20-3	
Ethylbenzene	**<17.0**	ug/kg	71.6	17.0	1	08/26/22 10:00	08/26/22 18:56	100-41-4	
Hexachloro-1,3-butadiene	**<142**	ug/kg	358	142	1	08/26/22 10:00	08/26/22 18:56	87-68-3	
Isopropylbenzene (Cumene)	**<19.3**	ug/kg	71.6	19.3	1	08/26/22 10:00	08/26/22 18:56	98-82-8	
p-Isopropyltoluene	**<21.8**	ug/kg	71.6	21.8	1	08/26/22 10:00	08/26/22 18:56	99-87-6	
Methylene Chloride	**<19.9**	ug/kg	71.6	19.9	1	08/26/22 10:00	08/26/22 18:56	75-09-2	
Methyl-tert-butyl ether	**<21.1**	ug/kg	71.6	21.1	1	08/26/22 10:00	08/26/22 18:56	1634-04-4	
Naphthalene	**<22.3**	ug/kg	358	22.3	1	08/26/22 10:00	08/26/22 18:56	91-20-3	
n-Propylbenzene	**<17.2**	ug/kg	71.6	17.2	1	08/26/22 10:00	08/26/22 18:56	103-65-1	
Styrene	**<18.3**	ug/kg	71.6	18.3	1	08/26/22 10:00	08/26/22 18:56	100-42-5	
1,1,1,2-Tetrachloroethane	**<17.2**	ug/kg	71.6	17.2	1	08/26/22 10:00	08/26/22 18:56	630-20-6	
1,1,2,2-Tetrachloroethane	**<25.9**	ug/kg	71.6	25.9	1	08/26/22 10:00	08/26/22 18:56	79-34-5	
Tetrachloroethene	**<27.8**	ug/kg	71.6	27.8	1	08/26/22 10:00	08/26/22 18:56	127-18-4	
Toluene	**<18.1**	ug/kg	71.6	18.1	1	08/26/22 10:00	08/26/22 18:56	108-88-3	
1,2,3-Trichlorobenzene	**<79.8**	ug/kg	358	79.8	1	08/26/22 10:00	08/26/22 18:56	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-9 (1'-2') **Lab ID: 40250229018** Collected: 08/19/22 09:00 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<59.0**	ug/kg	358	59.0	1	08/26/22 10:00	08/26/22 18:56	120-82-1	
1,1,1-Trichloroethane	**<18.3**	ug/kg	71.6	18.3	1	08/26/22 10:00	08/26/22 18:56	71-55-6	
1,1,2-Trichloroethane	**<26.1**	ug/kg	71.6	26.1	1	08/26/22 10:00	08/26/22 18:56	79-00-5	
Trichloroethene	**<26.8**	ug/kg	71.6	26.8	1	08/26/22 10:00	08/26/22 18:56	79-01-6	
Trichlorofluoromethane	**<20.8**	ug/kg	71.6	20.8	1	08/26/22 10:00	08/26/22 18:56	75-69-4	
1,2,3-Trichloropropane	**<34.8**	ug/kg	71.6	34.8	1	08/26/22 10:00	08/26/22 18:56	96-18-4	
1,2,4-Trimethylbenzene	**<21.3**	ug/kg	71.6	21.3	1	08/26/22 10:00	08/26/22 18:56	95-63-6	
1,3,5-Trimethylbenzene	**<23.1**	ug/kg	71.6	23.1	1	08/26/22 10:00	08/26/22 18:56	108-67-8	
Vinyl chloride	**<14.5**	ug/kg	71.6	14.5	1	08/26/22 10:00	08/26/22 18:56	75-01-4	
Xylene (Total)	**<51.7**	ug/kg	215	51.7	1	08/26/22 10:00	08/26/22 18:56	1330-20-7	
m&p-Xylene	**<30.2**	ug/kg	143	30.2	1	08/26/22 10:00	08/26/22 18:56	179601-23-1	
o-Xylene	**<21.5**	ug/kg	71.6	21.5	1	08/26/22 10:00	08/26/22 18:56	95-47-6	
Surrogates									
Toluene-d8 (S)	124	%	69-153		1	08/26/22 10:00	08/26/22 18:56	2037-26-5	
4-Bromofluorobenzene (S)	152	%	68-156		1	08/26/22 10:00	08/26/22 18:56	460-00-4	
1,2-Dichlorobenzene-d4 (S)	136	%	71-161		1	08/26/22 10:00	08/26/22 18:56	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.2**	%	0.10	0.10	1		08/25/22 11:54		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-9 (2'-3') **Lab ID: 40250229019** Collected: 08/19/22 09:10 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**3.4**	mg/kg	2.8	1.7	1	08/25/22 06:01	08/26/22 17:01	7440-38-2	
Barium	**67.0**	mg/kg	0.56	0.17	1	08/25/22 06:01	08/26/22 17:01	7440-39-3	
Cadmium	**0.17J**	mg/kg	0.56	0.15	1	08/25/22 06:01	08/26/22 17:01	7440-43-9	
Chromium	**28.1**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/26/22 17:01	7440-47-3	
Lead	**9.9**	mg/kg	2.3	0.68	1	08/25/22 06:01	08/26/22 17:01	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	08/25/22 06:01	08/26/22 17:01	7782-49-2	
Silver	**<0.35**	mg/kg	1.1	0.35	1	08/25/22 06:01	08/26/22 17:01	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.14**	mg/kg	0.040	0.011	1	08/25/22 09:14	08/26/22 08:35	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.6**	ug/kg	19.7	2.6	1	08/26/22 07:47	08/26/22 17:18	83-32-9	
Acenaphthylene	**<2.5**	ug/kg	19.7	2.5	1	08/26/22 07:47	08/26/22 17:18	208-96-8	
Anthracene	**<2.4**	ug/kg	19.7	2.4	1	08/26/22 07:47	08/26/22 17:18	120-12-7	
Benzo(a)anthracene	**2.8J**	ug/kg	19.7	2.5	1	08/26/22 07:47	08/26/22 17:18	56-55-3	
Benzo(a)pyrene	**3.1J**	ug/kg	19.7	2.2	1	08/26/22 07:47	08/26/22 17:18	50-32-8	
Benzo(b)fluoranthene	**5.7J**	ug/kg	19.7	2.7	1	08/26/22 07:47	08/26/22 17:18	205-99-2	
Benzo(g,h,i)perylene	**3.8J**	ug/kg	19.7	3.5	1	08/26/22 07:47	08/26/22 17:18	191-24-2	
Benzo(k)fluoranthene	**3.2J**	ug/kg	19.7	2.5	1	08/26/22 07:47	08/26/22 17:18	207-08-9	
Chrysene	**5.2J**	ug/kg	19.7	3.7	1	08/26/22 07:47	08/26/22 17:18	218-01-9	
Dibenz(a,h)anthracene	**<2.7**	ug/kg	19.7	2.7	1	08/26/22 07:47	08/26/22 17:18	53-70-3	
Fluoranthene	**4.2J**	ug/kg	19.7	2.3	1	08/26/22 07:47	08/26/22 17:18	206-44-0	
Fluorene	**<2.4**	ug/kg	19.7	2.4	1	08/26/22 07:47	08/26/22 17:18	86-73-7	
Indeno(1,2,3-cd)pyrene	**<4.1**	ug/kg	19.7	4.1	1	08/26/22 07:47	08/26/22 17:18	193-39-5	
1-Methylnaphthalene	**<2.9**	ug/kg	19.7	2.9	1	08/26/22 07:47	08/26/22 17:18	90-12-0	
2-Methylnaphthalene	**<2.9**	ug/kg	19.7	2.9	1	08/26/22 07:47	08/26/22 17:18	91-57-6	
Naphthalene	**<1.9**	ug/kg	19.7	1.9	1	08/26/22 07:47	08/26/22 17:18	91-20-3	
Phenanthrene	**2.8J**	ug/kg	19.7	2.3	1	08/26/22 07:47	08/26/22 17:18	85-01-8	
Pyrene	**3.9J**	ug/kg	19.7	2.9	1	08/26/22 07:47	08/26/22 17:18	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	56	%	41-98		1	08/26/22 07:47	08/26/22 17:18	321-60-8	
Terphenyl-d14 (S)	69	%	37-106		1	08/26/22 07:47	08/26/22 17:18	1718-51-0	
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	27.1	16.1	1	08/26/22 10:00	08/26/22 19:16	71-43-2	
Bromobenzene	**<26.4**	ug/kg	67.8	26.4	1	08/26/22 10:00	08/26/22 19:16	108-86-1	
Bromochloromethane	**<18.6**	ug/kg	67.8	18.6	1	08/26/22 10:00	08/26/22 19:16	74-97-5	
Bromodichloromethane	**<16.1**	ug/kg	67.8	16.1	1	08/26/22 10:00	08/26/22 19:16	75-27-4	
Bromoform	**<298**	ug/kg	339	298	1	08/26/22 10:00	08/26/22 19:16	75-25-2	
Bromomethane	**<95.1**	ug/kg	339	95.1	1	08/26/22 10:00	08/26/22 19:16	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-9 (2'-3') **Lab ID: 40250229019** Collected: 08/19/22 09:10 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<31.1**	ug/kg	67.8	31.1	1	08/26/22 10:00	08/26/22 19:16	104-51-8	
sec-Butylbenzene	**<16.5**	ug/kg	67.8	16.5	1	08/26/22 10:00	08/26/22 19:16	135-98-8	
tert-Butylbenzene	**<21.3**	ug/kg	67.8	21.3	1	08/26/22 10:00	08/26/22 19:16	98-06-6	
Carbon tetrachloride	**<14.9**	ug/kg	67.8	14.9	1	08/26/22 10:00	08/26/22 19:16	56-23-5	
Chlorobenzene	**<8.1**	ug/kg	67.8	8.1	1	08/26/22 10:00	08/26/22 19:16	108-90-7	
Chloroethane	**<28.6**	ug/kg	339	28.6	1	08/26/22 10:00	08/26/22 19:16	75-00-3	
Chloroform	**<48.5**	ug/kg	339	48.5	1	08/26/22 10:00	08/26/22 19:16	67-66-3	
Chloromethane	**<25.8**	ug/kg	67.8	25.8	1	08/26/22 10:00	08/26/22 19:16	74-87-3	
2-Chlorotoluene	**<22.0**	ug/kg	67.8	22.0	1	08/26/22 10:00	08/26/22 19:16	95-49-8	
4-Chlorotoluene	**<25.8**	ug/kg	67.8	25.8	1	08/26/22 10:00	08/26/22 19:16	106-43-4	
1,2-Dibromo-3-chloropropane	**<52.6**	ug/kg	339	52.6	1	08/26/22 10:00	08/26/22 19:16	96-12-8	
Dibromochloromethane	**<232**	ug/kg	339	232	1	08/26/22 10:00	08/26/22 19:16	124-48-1	
1,2-Dibromoethane (EDB)	**<18.6**	ug/kg	67.8	18.6	1	08/26/22 10:00	08/26/22 19:16	106-93-4	
Dibromomethane	**<20.1**	ug/kg	67.8	20.1	1	08/26/22 10:00	08/26/22 19:16	74-95-3	
1,2-Dichlorobenzene	**<21.0**	ug/kg	67.8	21.0	1	08/26/22 10:00	08/26/22 19:16	95-50-1	
1,3-Dichlorobenzene	**<18.6**	ug/kg	67.8	18.6	1	08/26/22 10:00	08/26/22 19:16	541-73-1	
1,4-Dichlorobenzene	**<18.6**	ug/kg	67.8	18.6	1	08/26/22 10:00	08/26/22 19:16	106-46-7	
Dichlorodifluoromethane	**<29.2**	ug/kg	67.8	29.2	1	08/26/22 10:00	08/26/22 19:16	75-71-8	
1,1-Dichloroethane	**<17.4**	ug/kg	67.8	17.4	1	08/26/22 10:00	08/26/22 19:16	75-34-3	
1,2-Dichloroethane	**<15.6**	ug/kg	67.8	15.6	1	08/26/22 10:00	08/26/22 19:16	107-06-2	
1,1-Dichloroethene	**<22.5**	ug/kg	67.8	22.5	1	08/26/22 10:00	08/26/22 19:16	75-35-4	
cis-1,2-Dichloroethene	**<14.5**	ug/kg	67.8	14.5	1	08/26/22 10:00	08/26/22 19:16	156-59-2	
trans-1,2-Dichloroethene	**<14.6**	ug/kg	67.8	14.6	1	08/26/22 10:00	08/26/22 19:16	156-60-5	
1,2-Dichloropropane	**<16.1**	ug/kg	67.8	16.1	1	08/26/22 10:00	08/26/22 19:16	78-87-5	
1,3-Dichloropropane	**<14.8**	ug/kg	67.8	14.8	1	08/26/22 10:00	08/26/22 19:16	142-28-9	
2,2-Dichloropropane	**<18.3**	ug/kg	67.8	18.3	1	08/26/22 10:00	08/26/22 19:16	594-20-7	
1,1-Dichloropropene	**<22.0**	ug/kg	67.8	22.0	1	08/26/22 10:00	08/26/22 19:16	563-58-6	
cis-1,3-Dichloropropene	**<44.8**	ug/kg	339	44.8	1	08/26/22 10:00	08/26/22 19:16	10061-01-5	
trans-1,3-Dichloropropene	**<194**	ug/kg	339	194	1	08/26/22 10:00	08/26/22 19:16	10061-02-6	
Diisopropyl ether	**<16.8**	ug/kg	67.8	16.8	1	08/26/22 10:00	08/26/22 19:16	108-20-3	
Ethylbenzene	**<16.1**	ug/kg	67.8	16.1	1	08/26/22 10:00	08/26/22 19:16	100-41-4	
Hexachloro-1,3-butadiene	**<135**	ug/kg	339	135	1	08/26/22 10:00	08/26/22 19:16	87-68-3	
Isopropylbenzene (Cumene)	**<18.3**	ug/kg	67.8	18.3	1	08/26/22 10:00	08/26/22 19:16	98-82-8	
p-Isopropyltoluene	**<20.6**	ug/kg	67.8	20.6	1	08/26/22 10:00	08/26/22 19:16	99-87-6	
Methylene Chloride	**<18.8**	ug/kg	67.8	18.8	1	08/26/22 10:00	08/26/22 19:16	75-09-2	
Methyl-tert-butyl ether	**<19.9**	ug/kg	67.8	19.9	1	08/26/22 10:00	08/26/22 19:16	1634-04-4	
Naphthalene	**<21.2**	ug/kg	339	21.2	1	08/26/22 10:00	08/26/22 19:16	91-20-3	
n-Propylbenzene	**<16.3**	ug/kg	67.8	16.3	1	08/26/22 10:00	08/26/22 19:16	103-65-1	
Styrene	**<17.4**	ug/kg	67.8	17.4	1	08/26/22 10:00	08/26/22 19:16	100-42-5	
1,1,1,2-Tetrachloroethane	**<16.3**	ug/kg	67.8	16.3	1	08/26/22 10:00	08/26/22 19:16	630-20-6	
1,1,2,2-Tetrachloroethane	**<24.5**	ug/kg	67.8	24.5	1	08/26/22 10:00	08/26/22 19:16	79-34-5	
Tetrachloroethene	**<26.3**	ug/kg	67.8	26.3	1	08/26/22 10:00	08/26/22 19:16	127-18-4	
Toluene	**<17.1**	ug/kg	67.8	17.1	1	08/26/22 10:00	08/26/22 19:16	108-88-3	
1,2,3-Trichlorobenzene	**<75.5**	ug/kg	339	75.5	1	08/26/22 10:00	08/26/22 19:16	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-9 (2'-3') **Lab ID: 40250229019** Collected: 08/19/22 09:10 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<55.9**	ug/kg	339	55.9	1	08/26/22 10:00	08/26/22 19:16	120-82-1	
1,1,1-Trichloroethane	**<17.4**	ug/kg	67.8	17.4	1	08/26/22 10:00	08/26/22 19:16	71-55-6	
1,1,2-Trichloroethane	**<24.7**	ug/kg	67.8	24.7	1	08/26/22 10:00	08/26/22 19:16	79-00-5	
Trichloroethene	**<25.4**	ug/kg	67.8	25.4	1	08/26/22 10:00	08/26/22 19:16	79-01-6	
Trichlorofluoromethane	**<19.7**	ug/kg	67.8	19.7	1	08/26/22 10:00	08/26/22 19:16	75-69-4	
1,2,3-Trichloropropane	**<33.0**	ug/kg	67.8	33.0	1	08/26/22 10:00	08/26/22 19:16	96-18-4	
1,2,4-Trimethylbenzene	**<20.2**	ug/kg	67.8	20.2	1	08/26/22 10:00	08/26/22 19:16	95-63-6	
1,3,5-Trimethylbenzene	**<21.8**	ug/kg	67.8	21.8	1	08/26/22 10:00	08/26/22 19:16	108-67-8	
Vinyl chloride	**<13.7**	ug/kg	67.8	13.7	1	08/26/22 10:00	08/26/22 19:16	75-01-4	
Xylene (Total)	**<49.0**	ug/kg	203	49.0	1	08/26/22 10:00	08/26/22 19:16	1330-20-7	
m&p-Xylene	**<28.6**	ug/kg	136	28.6	1	08/26/22 10:00	08/26/22 19:16	179601-23-1	
o-Xylene	**<20.3**	ug/kg	67.8	20.3	1	08/26/22 10:00	08/26/22 19:16	95-47-6	
Surrogates									
Toluene-d8 (S)	122	%	69-153		1	08/26/22 10:00	08/26/22 19:16	2037-26-5	
4-Bromofluorobenzene (S)	139	%	68-156		1	08/26/22 10:00	08/26/22 19:16	460-00-4	
1,2-Dichlorobenzene-d4 (S)	120	%	71-161		1	08/26/22 10:00	08/26/22 19:16	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.1**	%	0.10	0.10	1		08/25/22 11:54		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-10 (2'-3') **Lab ID: 40250229020** Collected: 08/19/22 10:20 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.0J**	mg/kg	2.8	1.6	1	08/25/22 06:01	08/26/22 17:03	7440-38-2	
Barium	**72.6**	mg/kg	0.56	0.17	1	08/25/22 06:01	08/26/22 17:03	7440-39-3	
Cadmium	**0.19J**	mg/kg	0.56	0.15	1	08/25/22 06:01	08/26/22 17:03	7440-43-9	
Chromium	**28.4**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/26/22 17:03	7440-47-3	
Lead	**8.9**	mg/kg	2.2	0.67	1	08/25/22 06:01	08/26/22 17:03	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	08/25/22 06:01	08/26/22 17:03	7782-49-2	
Silver	**<0.35**	mg/kg	1.1	0.35	1	08/25/22 06:01	08/26/22 17:03	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.036J**	mg/kg	0.037	0.010	1	08/25/22 09:14	08/26/22 08:38	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.5**	ug/kg	19.3	2.5	1	08/29/22 06:43	08/29/22 17:28	83-32-9	
Acenaphthylene	**4.9J**	ug/kg	19.3	2.4	1	08/29/22 06:43	08/29/22 17:28	208-96-8	
Anthracene	**7.3J**	ug/kg	19.3	2.4	1	08/29/22 06:43	08/29/22 17:28	120-12-7	
Benzo(a)anthracene	**28.2**	ug/kg	19.3	2.5	1	08/29/22 06:43	08/29/22 17:28	56-55-3	
Benzo(a)pyrene	**34.1**	ug/kg	19.3	2.2	1	08/29/22 06:43	08/29/22 17:28	50-32-8	
Benzo(b)fluoranthene	**45.3**	ug/kg	19.3	2.7	1	08/29/22 06:43	08/29/22 17:28	205-99-2	
Benzo(g,h,i)perylene	**28.6**	ug/kg	19.3	3.4	1	08/29/22 06:43	08/29/22 17:28	191-24-2	
Benzo(k)fluoranthene	**19.9**	ug/kg	19.3	2.5	1	08/29/22 06:43	08/29/22 17:28	207-08-9	
Chrysene	**38.5**	ug/kg	19.3	3.6	1	08/29/22 06:43	08/29/22 17:28	218-01-9	
Dibenz(a,h)anthracene	**7.8J**	ug/kg	19.3	2.7	1	08/29/22 06:43	08/29/22 17:28	53-70-3	
Fluoranthene	**60.9**	ug/kg	19.3	2.3	1	08/29/22 06:43	08/29/22 17:28	206-44-0	
Fluorene	**3.0J**	ug/kg	19.3	2.3	1	08/29/22 06:43	08/29/22 17:28	86-73-7	
Indeno(1,2,3-cd)pyrene	**20.1**	ug/kg	19.3	4.0	1	08/29/22 06:43	08/29/22 17:28	193-39-5	
1-Methylnaphthalene	**6.0J**	ug/kg	19.3	2.8	1	08/29/22 06:43	08/29/22 17:28	90-12-0	
2-Methylnaphthalene	**9.2J**	ug/kg	19.3	2.8	1	08/29/22 06:43	08/29/22 17:28	91-57-6	
Naphthalene	**4.7J**	ug/kg	19.3	1.9	1	08/29/22 06:43	08/29/22 17:28	91-20-3	
Phenanthrene	**28.8**	ug/kg	19.3	2.2	1	08/29/22 06:43	08/29/22 17:28	85-01-8	
Pyrene	**50.0**	ug/kg	19.3	2.8	1	08/29/22 06:43	08/29/22 17:28	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	41-98		1	08/29/22 06:43	08/29/22 17:28	321-60-8	
Terphenyl-d14 (S)	74	%	37-106		1	08/29/22 06:43	08/29/22 17:28	1718-51-0	
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	08/26/22 10:00	08/26/22 19:36	71-43-2	
Bromobenzene	**<25.7**	ug/kg	66.0	25.7	1	08/26/22 10:00	08/26/22 19:36	108-86-1	
Bromochloromethane	**<18.1**	ug/kg	66.0	18.1	1	08/26/22 10:00	08/26/22 19:36	74-97-5	
Bromodichloromethane	**<15.7**	ug/kg	66.0	15.7	1	08/26/22 10:00	08/26/22 19:36	75-27-4	
Bromoform	**<290**	ug/kg	330	290	1	08/26/22 10:00	08/26/22 19:36	75-25-2	
Bromomethane	**<92.5**	ug/kg	330	92.5	1	08/26/22 10:00	08/26/22 19:36	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-10 (2'-3') **Lab ID: 40250229020** Collected: 08/19/22 10:20 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<30.2**	ug/kg	66.0	30.2	1	08/26/22 10:00	08/26/22 19:36	104-51-8	
sec-Butylbenzene	**<16.1**	ug/kg	66.0	16.1	1	08/26/22 10:00	08/26/22 19:36	135-98-8	
tert-Butylbenzene	**<20.7**	ug/kg	66.0	20.7	1	08/26/22 10:00	08/26/22 19:36	98-06-6	
Carbon tetrachloride	**<14.5**	ug/kg	66.0	14.5	1	08/26/22 10:00	08/26/22 19:36	56-23-5	
Chlorobenzene	**<7.9**	ug/kg	66.0	7.9	1	08/26/22 10:00	08/26/22 19:36	108-90-7	
Chloroethane	**<27.9**	ug/kg	330	27.9	1	08/26/22 10:00	08/26/22 19:36	75-00-3	
Chloroform	**<47.3**	ug/kg	330	47.3	1	08/26/22 10:00	08/26/22 19:36	67-66-3	
Chloromethane	**<25.1**	ug/kg	66.0	25.1	1	08/26/22 10:00	08/26/22 19:36	74-87-3	
2-Chlorotoluene	**<21.4**	ug/kg	66.0	21.4	1	08/26/22 10:00	08/26/22 19:36	95-49-8	
4-Chlorotoluene	**<25.1**	ug/kg	66.0	25.1	1	08/26/22 10:00	08/26/22 19:36	106-43-4	
1,2-Dibromo-3-chloropropane	**<51.2**	ug/kg	330	51.2	1	08/26/22 10:00	08/26/22 19:36	96-12-8	
Dibromochloromethane	**<226**	ug/kg	330	226	1	08/26/22 10:00	08/26/22 19:36	124-48-1	
1,2-Dibromoethane (EDB)	**<18.1**	ug/kg	66.0	18.1	1	08/26/22 10:00	08/26/22 19:36	106-93-4	
Dibromomethane	**<19.5**	ug/kg	66.0	19.5	1	08/26/22 10:00	08/26/22 19:36	74-95-3	
1,2-Dichlorobenzene	**<20.5**	ug/kg	66.0	20.5	1	08/26/22 10:00	08/26/22 19:36	95-50-1	
1,3-Dichlorobenzene	**<18.1**	ug/kg	66.0	18.1	1	08/26/22 10:00	08/26/22 19:36	541-73-1	
1,4-Dichlorobenzene	**<18.1**	ug/kg	66.0	18.1	1	08/26/22 10:00	08/26/22 19:36	106-46-7	
Dichlorodifluoromethane	**<28.4**	ug/kg	66.0	28.4	1	08/26/22 10:00	08/26/22 19:36	75-71-8	
1,1-Dichloroethane	**<16.9**	ug/kg	66.0	16.9	1	08/26/22 10:00	08/26/22 19:36	75-34-3	
1,2-Dichloroethane	**<15.2**	ug/kg	66.0	15.2	1	08/26/22 10:00	08/26/22 19:36	107-06-2	
1,1-Dichloroethene	**<21.9**	ug/kg	66.0	21.9	1	08/26/22 10:00	08/26/22 19:36	75-35-4	
cis-1,2-Dichloroethene	**<14.1**	ug/kg	66.0	14.1	1	08/26/22 10:00	08/26/22 19:36	156-59-2	
trans-1,2-Dichloroethene	**<14.3**	ug/kg	66.0	14.3	1	08/26/22 10:00	08/26/22 19:36	156-60-5	
1,2-Dichloropropane	**<15.7**	ug/kg	66.0	15.7	1	08/26/22 10:00	08/26/22 19:36	78-87-5	
1,3-Dichloropropane	**<14.4**	ug/kg	66.0	14.4	1	08/26/22 10:00	08/26/22 19:36	142-28-9	
2,2-Dichloropropane	**<17.8**	ug/kg	66.0	17.8	1	08/26/22 10:00	08/26/22 19:36	594-20-7	
1,1-Dichloropropene	**<21.4**	ug/kg	66.0	21.4	1	08/26/22 10:00	08/26/22 19:36	563-58-6	
cis-1,3-Dichloropropene	**<43.6**	ug/kg	330	43.6	1	08/26/22 10:00	08/26/22 19:36	10061-01-5	
trans-1,3-Dichloropropene	**<189**	ug/kg	330	189	1	08/26/22 10:00	08/26/22 19:36	10061-02-6	
Diisopropyl ether	**<16.4**	ug/kg	66.0	16.4	1	08/26/22 10:00	08/26/22 19:36	108-20-3	
Ethylbenzene	**<15.7**	ug/kg	66.0	15.7	1	08/26/22 10:00	08/26/22 19:36	100-41-4	
Hexachloro-1,3-butadiene	**<131**	ug/kg	330	131	1	08/26/22 10:00	08/26/22 19:36	87-68-3	
Isopropylbenzene (Cumene)	**<17.8**	ug/kg	66.0	17.8	1	08/26/22 10:00	08/26/22 19:36	98-82-8	
p-Isopropyltoluene	**<20.1**	ug/kg	66.0	20.1	1	08/26/22 10:00	08/26/22 19:36	99-87-6	
Methylene Chloride	**<18.3**	ug/kg	66.0	18.3	1	08/26/22 10:00	08/26/22 19:36	75-09-2	
Methyl-tert-butyl ether	**<19.4**	ug/kg	66.0	19.4	1	08/26/22 10:00	08/26/22 19:36	1634-04-4	
Naphthalene	**<20.6**	ug/kg	330	20.6	1	08/26/22 10:00	08/26/22 19:36	91-20-3	
n-Propylbenzene	**<15.8**	ug/kg	66.0	15.8	1	08/26/22 10:00	08/26/22 19:36	103-65-1	
Styrene	**<16.9**	ug/kg	66.0	16.9	1	08/26/22 10:00	08/26/22 19:36	100-42-5	
1,1,1,2-Tetrachloroethane	**<15.8**	ug/kg	66.0	15.8	1	08/26/22 10:00	08/26/22 19:36	630-20-6	
1,1,2,2-Tetrachloroethane	**<23.9**	ug/kg	66.0	23.9	1	08/26/22 10:00	08/26/22 19:36	79-34-5	
Tetrachloroethene	**<25.6**	ug/kg	66.0	25.6	1	08/26/22 10:00	08/26/22 19:36	127-18-4	
Toluene	**<16.6**	ug/kg	66.0	16.6	1	08/26/22 10:00	08/26/22 19:36	108-88-3	
1,2,3-Trichlorobenzene	**<73.5**	ug/kg	330	73.5	1	08/26/22 10:00	08/26/22 19:36	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-10 (2'-3') **Lab ID: 40250229020** Collected: 08/19/22 10:20 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<54.4**	ug/kg	330	54.4	1	08/26/22 10:00	08/26/22 19:36	120-82-1	
1,1,1-Trichloroethane	**<16.9**	ug/kg	66.0	16.9	1	08/26/22 10:00	08/26/22 19:36	71-55-6	
1,1,2-Trichloroethane	**<24.0**	ug/kg	66.0	24.0	1	08/26/22 10:00	08/26/22 19:36	79-00-5	
Trichloroethene	**<24.7**	ug/kg	66.0	24.7	1	08/26/22 10:00	08/26/22 19:36	79-01-6	
Trichlorofluoromethane	**<19.1**	ug/kg	66.0	19.1	1	08/26/22 10:00	08/26/22 19:36	75-69-4	
1,2,3-Trichloropropane	**<32.1**	ug/kg	66.0	32.1	1	08/26/22 10:00	08/26/22 19:36	96-18-4	
1,2,4-Trimethylbenzene	**<19.7**	ug/kg	66.0	19.7	1	08/26/22 10:00	08/26/22 19:36	95-63-6	
1,3,5-Trimethylbenzene	**<21.3**	ug/kg	66.0	21.3	1	08/26/22 10:00	08/26/22 19:36	108-67-8	
Vinyl chloride	**<13.3**	ug/kg	66.0	13.3	1	08/26/22 10:00	08/26/22 19:36	75-01-4	
Xylene (Total)	**<47.7**	ug/kg	198	47.7	1	08/26/22 10:00	08/26/22 19:36	1330-20-7	
m&p-Xylene	**<27.9**	ug/kg	132	27.9	1	08/26/22 10:00	08/26/22 19:36	179601-23-1	
o-Xylene	**<19.8**	ug/kg	66.0	19.8	1	08/26/22 10:00	08/26/22 19:36	95-47-6	
Surrogates									
Toluene-d8 (S)	117	%	69-153		1	08/26/22 10:00	08/26/22 19:36	2037-26-5	
4-Bromofluorobenzene (S)	143	%	68-156		1	08/26/22 10:00	08/26/22 19:36	460-00-4	
1,2-Dichlorobenzene-d4 (S)	123	%	71-161		1	08/26/22 10:00	08/26/22 19:36	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**13.8**	%	0.10	0.10	1		08/25/22 11:54		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-10 (3'-4') **Lab ID: 40250229021** Collected: 08/19/22 10:30 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.6**	mg/kg	2.6	1.5	1	08/25/22 06:01	08/26/22 17:06	7440-38-2	
Barium	**61.6**	mg/kg	0.51	0.15	1	08/25/22 06:01	08/26/22 17:06	7440-39-3	
Cadmium	**1.1**	mg/kg	0.51	0.14	1	08/25/22 06:01	08/26/22 17:06	7440-43-9	
Chromium	**15.2**	mg/kg	1.0	0.29	1	08/25/22 06:01	08/26/22 17:06	7440-47-3	
Lead	**200**	mg/kg	2.1	0.62	1	08/25/22 06:01	08/26/22 17:06	7439-92-1	
Selenium	**<1.3**	mg/kg	4.1	1.3	1	08/25/22 06:01	08/26/22 17:06	7782-49-2	
Silver	**<0.32**	mg/kg	1.0	0.32	1	08/25/22 06:01	08/26/22 17:06	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.093**	mg/kg	0.035	0.010	1	08/25/22 09:14	08/26/22 08:40	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**1310J**	ug/kg	3150	409	5	08/29/22 06:43	08/29/22 18:20	83-32-9	
Acenaphthylene	**<397**	ug/kg	3150	397	5	08/29/22 06:43	08/29/22 18:20	208-96-8	
Anthracene	**4390**	ug/kg	3150	391	5	08/29/22 06:43	08/29/22 18:20	120-12-7	
Benzo(a)anthracene	**14300**	ug/kg	3150	407	5	08/29/22 06:43	08/29/22 18:20	56-55-3	
Benzo(a)pyrene	**17700**	ug/kg	3150	358	5	08/29/22 06:43	08/29/22 18:20	50-32-8	
Benzo(b)fluoranthene	**24800**	ug/kg	3150	437	5	08/29/22 06:43	08/29/22 18:20	205-99-2	
Benzo(g,h,i)perylene	**13000**	ug/kg	3150	553	5	08/29/22 06:43	08/29/22 18:20	191-24-2	
Benzo(k)fluoranthene	**10400**	ug/kg	3150	403	5	08/29/22 06:43	08/29/22 18:20	207-08-9	
Chrysene	**20500**	ug/kg	3150	594	5	08/29/22 06:43	08/29/22 18:20	218-01-9	
Dibenz(a,h)anthracene	**3550**	ug/kg	3150	436	5	08/29/22 06:43	08/29/22 18:20	53-70-3	
Fluoranthene	**41500**	ug/kg	3150	373	5	08/29/22 06:43	08/29/22 18:20	206-44-0	
Fluorene	**1590J**	ug/kg	3150	378	5	08/29/22 06:43	08/29/22 18:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**10700**	ug/kg	3150	657	5	08/29/22 06:43	08/29/22 18:20	193-39-5	
1-Methylnaphthalene	**<460**	ug/kg	3150	460	5	08/29/22 06:43	08/29/22 18:20	90-12-0	
2-Methylnaphthalene	**<461**	ug/kg	3150	461	5	08/29/22 06:43	08/29/22 18:20	91-57-6	
Naphthalene	**<307**	ug/kg	3150	307	5	08/29/22 06:43	08/29/22 18:20	91-20-3	
Phenanthrene	**20500**	ug/kg	3150	361	5	08/29/22 06:43	08/29/22 18:20	85-01-8	
Pyrene	**32100**	ug/kg	3150	463	5	08/29/22 06:43	08/29/22 18:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	0	%	41-98		5	08/29/22 06:43	08/29/22 18:20	321-60-8	S4
Terphenyl-d14 (S)	73	%	37-106		5	08/29/22 06:43	08/29/22 18:20	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**343**	ug/kg	23.1	13.8	1	08/26/22 10:00	08/26/22 19:55	71-43-2	
Bromobenzene	**<22.5**	ug/kg	57.8	22.5	1	08/26/22 10:00	08/26/22 19:55	108-86-1	
Bromochloromethane	**<15.8**	ug/kg	57.8	15.8	1	08/26/22 10:00	08/26/22 19:55	74-97-5	
Bromodichloromethane	**<13.8**	ug/kg	57.8	13.8	1	08/26/22 10:00	08/26/22 19:55	75-27-4	
Bromoform	**<254**	ug/kg	289	254	1	08/26/22 10:00	08/26/22 19:55	75-25-2	
Bromomethane	**<81.1**	ug/kg	289	81.1	1	08/26/22 10:00	08/26/22 19:55	74-83-9	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-10 (3'-4') **Lab ID: 40250229021** Collected: 08/19/22 10:30 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<26.5**	ug/kg	57.8	26.5	1	08/26/22 10:00	08/26/22 19:55	104-51-8	
sec-Butylbenzene	**<14.1**	ug/kg	57.8	14.1	1	08/26/22 10:00	08/26/22 19:55	135-98-8	
tert-Butylbenzene	**<18.2**	ug/kg	57.8	18.2	1	08/26/22 10:00	08/26/22 19:55	98-06-6	
Carbon tetrachloride	**<12.7**	ug/kg	57.8	12.7	1	08/26/22 10:00	08/26/22 19:55	56-23-5	
Chlorobenzene	**<6.9**	ug/kg	57.8	6.9	1	08/26/22 10:00	08/26/22 19:55	108-90-7	
Chloroethane	**<24.4**	ug/kg	289	24.4	1	08/26/22 10:00	08/26/22 19:55	75-00-3	
Chloroform	**<41.4**	ug/kg	289	41.4	1	08/26/22 10:00	08/26/22 19:55	67-66-3	
Chloromethane	**<22.0**	ug/kg	57.8	22.0	1	08/26/22 10:00	08/26/22 19:55	74-87-3	
2-Chlorotoluene	**<18.7**	ug/kg	57.8	18.7	1	08/26/22 10:00	08/26/22 19:55	95-49-8	
4-Chlorotoluene	**<22.0**	ug/kg	57.8	22.0	1	08/26/22 10:00	08/26/22 19:55	106-43-4	
1,2-Dibromo-3-chloropropane	**<44.9**	ug/kg	289	44.9	1	08/26/22 10:00	08/26/22 19:55	96-12-8	
Dibromochloromethane	**<198**	ug/kg	289	198	1	08/26/22 10:00	08/26/22 19:55	124-48-1	
1,2-Dibromoethane (EDB)	**<15.8**	ug/kg	57.8	15.8	1	08/26/22 10:00	08/26/22 19:55	106-93-4	
Dibromomethane	**<17.1**	ug/kg	57.8	17.1	1	08/26/22 10:00	08/26/22 19:55	74-95-3	
1,2-Dichlorobenzene	**<17.9**	ug/kg	57.8	17.9	1	08/26/22 10:00	08/26/22 19:55	95-50-1	
1,3-Dichlorobenzene	**<15.8**	ug/kg	57.8	15.8	1	08/26/22 10:00	08/26/22 19:55	541-73-1	
1,4-Dichlorobenzene	**<15.8**	ug/kg	57.8	15.8	1	08/26/22 10:00	08/26/22 19:55	106-46-7	
Dichlorodifluoromethane	**<24.9**	ug/kg	57.8	24.9	1	08/26/22 10:00	08/26/22 19:55	75-71-8	
1,1-Dichloroethane	**<14.8**	ug/kg	57.8	14.8	1	08/26/22 10:00	08/26/22 19:55	75-34-3	
1,2-Dichloroethane	**<13.3**	ug/kg	57.8	13.3	1	08/26/22 10:00	08/26/22 19:55	107-06-2	
1,1-Dichloroethene	**<19.2**	ug/kg	57.8	19.2	1	08/26/22 10:00	08/26/22 19:55	75-35-4	
cis-1,2-Dichloroethene	**<12.4**	ug/kg	57.8	12.4	1	08/26/22 10:00	08/26/22 19:55	156-59-2	
trans-1,2-Dichloroethene	**<12.5**	ug/kg	57.8	12.5	1	08/26/22 10:00	08/26/22 19:55	156-60-5	
1,2-Dichloropropane	**<13.8**	ug/kg	57.8	13.8	1	08/26/22 10:00	08/26/22 19:55	78-87-5	
1,3-Dichloropropane	**<12.6**	ug/kg	57.8	12.6	1	08/26/22 10:00	08/26/22 19:55	142-28-9	
2,2-Dichloropropane	**<15.6**	ug/kg	57.8	15.6	1	08/26/22 10:00	08/26/22 19:55	594-20-7	
1,1-Dichloropropene	**<18.7**	ug/kg	57.8	18.7	1	08/26/22 10:00	08/26/22 19:55	563-58-6	
cis-1,3-Dichloropropene	**<38.2**	ug/kg	289	38.2	1	08/26/22 10:00	08/26/22 19:55	10061-01-5	
trans-1,3-Dichloropropene	**<165**	ug/kg	289	165	1	08/26/22 10:00	08/26/22 19:55	10061-02-6	
Diisopropyl ether	**<14.3**	ug/kg	57.8	14.3	1	08/26/22 10:00	08/26/22 19:55	108-20-3	
Ethylbenzene	**88.3**	ug/kg	57.8	13.8	1	08/26/22 10:00	08/26/22 19:55	100-41-4	
Hexachloro-1,3-butadiene	**<115**	ug/kg	289	115	1	08/26/22 10:00	08/26/22 19:55	87-68-3	
Isopropylbenzene (Cumene)	**31.4J**	ug/kg	57.8	15.6	1	08/26/22 10:00	08/26/22 19:55	98-82-8	
p-Isopropyltoluene	**<17.6**	ug/kg	57.8	17.6	1	08/26/22 10:00	08/26/22 19:55	99-87-6	
Methylene Chloride	**<16.1**	ug/kg	57.8	16.1	1	08/26/22 10:00	08/26/22 19:55	75-09-2	
Methyl-tert-butyl ether	**<17.0**	ug/kg	57.8	17.0	1	08/26/22 10:00	08/26/22 19:55	1634-04-4	
Naphthalene	**435**	ug/kg	289	18.0	1	08/26/22 10:00	08/26/22 19:55	91-20-3	
n-Propylbenzene	**42.3J**	ug/kg	57.8	13.9	1	08/26/22 10:00	08/26/22 19:55	103-65-1	
Styrene	**<14.8**	ug/kg	57.8	14.8	1	08/26/22 10:00	08/26/22 19:55	100-42-5	
1,1,1,2-Tetrachloroethane	**<13.9**	ug/kg	57.8	13.9	1	08/26/22 10:00	08/26/22 19:55	630-20-6	
1,1,2,2-Tetrachloroethane	**<20.9**	ug/kg	57.8	20.9	1	08/26/22 10:00	08/26/22 19:55	79-34-5	
Tetrachloroethene	**<22.4**	ug/kg	57.8	22.4	1	08/26/22 10:00	08/26/22 19:55	127-18-4	
Toluene	**1100**	ug/kg	57.8	14.6	1	08/26/22 10:00	08/26/22 19:55	108-88-3	
1,2,3-Trichlorobenzene	**<64.4**	ug/kg	289	64.4	1	08/26/22 10:00	08/26/22 19:55	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-10 (3'-4') **Lab ID: 40250229021** Collected: 08/19/22 10:30 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<47.6**	ug/kg	289	47.6	1	08/26/22 10:00	08/26/22 19:55	120-82-1	
1,1,1-Trichloroethane	**<14.8**	ug/kg	57.8	14.8	1	08/26/22 10:00	08/26/22 19:55	71-55-6	
1,1,2-Trichloroethane	**<21.0**	ug/kg	57.8	21.0	1	08/26/22 10:00	08/26/22 19:55	79-00-5	
Trichloroethene	**<21.6**	ug/kg	57.8	21.6	1	08/26/22 10:00	08/26/22 19:55	79-01-6	
Trichlorofluoromethane	**<16.8**	ug/kg	57.8	16.8	1	08/26/22 10:00	08/26/22 19:55	75-69-4	
1,2,3-Trichloropropane	**<28.1**	ug/kg	57.8	28.1	1	08/26/22 10:00	08/26/22 19:55	96-18-4	
1,2,4-Trimethylbenzene	**202**	ug/kg	57.8	17.2	1	08/26/22 10:00	08/26/22 19:55	95-63-6	
1,3,5-Trimethylbenzene	**42.9J**	ug/kg	57.8	18.6	1	08/26/22 10:00	08/26/22 19:55	108-67-8	
Vinyl chloride	**<11.7**	ug/kg	57.8	11.7	1	08/26/22 10:00	08/26/22 19:55	75-01-4	
Xylene (Total)	**854**	ug/kg	173	41.7	1	08/26/22 10:00	08/26/22 19:55	1330-20-7	
m&p-Xylene	**556**	ug/kg	116	24.4	1	08/26/22 10:00	08/26/22 19:55	179601-23-1	
o-Xylene	**298**	ug/kg	57.8	17.3	1	08/26/22 10:00	08/26/22 19:55	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	69-153		1	08/26/22 10:00	08/26/22 19:55	2037-26-5	
4-Bromofluorobenzene (S)	147	%	68-156		1	08/26/22 10:00	08/26/22 19:55	460-00-4	
1,2-Dichlorobenzene-d4 (S)	128	%	71-161		1	08/26/22 10:00	08/26/22 19:55	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**7.2**	%	0.10	0.10	1		08/25/22 11:54		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-11 (1'-2') **Lab ID: 40250229022** Collected: 08/19/22 09:20 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**3.4J**	mg/kg	5.3	3.1	2	08/25/22 06:01	08/30/22 17:33	7440-38-2	D3
Barium	**38.7**	mg/kg	1.1	0.32	2	08/25/22 06:01	08/30/22 17:33	7440-39-3	
Cadmium	**<0.28**	mg/kg	1.1	0.28	2	08/25/22 06:01	08/30/22 17:33	7440-43-9	D3
Chromium	**13.6**	mg/kg	2.1	0.59	2	08/25/22 06:01	08/30/22 17:33	7440-47-3	
Lead	**26.0**	mg/kg	4.2	1.3	2	08/25/22 06:01	08/30/22 17:33	7439-92-1	
Selenium	**<2.8**	mg/kg	8.4	2.8	2	08/25/22 06:01	08/30/22 17:33	7782-49-2	D3
Silver	**<0.65**	mg/kg	2.1	0.65	2	08/25/22 06:01	08/30/22 17:33	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.080**	mg/kg	0.036	0.010	1	08/25/22 09:14	08/26/22 08:42	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**19.8J**	ug/kg	75.3	9.8	4	08/29/22 06:43	08/29/22 20:56	83-32-9	
Acenaphthylene	**14.3J**	ug/kg	75.3	9.5	4	08/29/22 06:43	08/29/22 20:56	208-96-8	
Anthracene	**96.1**	ug/kg	75.3	9.3	4	08/29/22 06:43	08/29/22 20:56	120-12-7	
Benzo(a)anthracene	**292**	ug/kg	75.3	9.7	4	08/29/22 06:43	08/29/22 20:56	56-55-3	
Benzo(a)pyrene	**350**	ug/kg	75.3	8.6	4	08/29/22 06:43	08/29/22 20:56	50-32-8	
Benzo(b)fluoranthene	**502**	ug/kg	75.3	10.5	4	08/29/22 06:43	08/29/22 20:56	205-99-2	
Benzo(g,h,i)perylene	**234**	ug/kg	75.3	13.2	4	08/29/22 06:43	08/29/22 20:56	191-24-2	
Benzo(k)fluoranthene	**171**	ug/kg	75.3	9.6	4	08/29/22 06:43	08/29/22 20:56	207-08-9	
Chrysene	**388**	ug/kg	75.3	14.2	4	08/29/22 06:43	08/29/22 20:56	218-01-9	
Dibenz(a,h)anthracene	**66.9J**	ug/kg	75.3	10.4	4	08/29/22 06:43	08/29/22 20:56	53-70-3	
Fluoranthene	**743**	ug/kg	75.3	8.9	4	08/29/22 06:43	08/29/22 20:56	206-44-0	
Fluorene	**22.0J**	ug/kg	75.3	9.0	4	08/29/22 06:43	08/29/22 20:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**191**	ug/kg	75.3	15.7	4	08/29/22 06:43	08/29/22 20:56	193-39-5	
1-Methylnaphthalene	**63.4J**	ug/kg	75.3	11.0	4	08/29/22 06:43	08/29/22 20:56	90-12-0	
2-Methylnaphthalene	**72.6J**	ug/kg	75.3	11.0	4	08/29/22 06:43	08/29/22 20:56	91-57-6	
Naphthalene	**55.5J**	ug/kg	75.3	7.3	4	08/29/22 06:43	08/29/22 20:56	91-20-3	
Phenanthrene	**388**	ug/kg	75.3	8.6	4	08/29/22 06:43	08/29/22 20:56	85-01-8	
Pyrene	**621**	ug/kg	75.3	11.1	4	08/29/22 06:43	08/29/22 20:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	66	%	41-98		4	08/29/22 06:43	08/29/22 20:56	321-60-8	
Terphenyl-d14 (S)	73	%	37-106		4	08/29/22 06:43	08/29/22 20:56	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**33.6**	ug/kg	25.2	15.0	1	08/26/22 10:00	08/29/22 11:50	71-43-2	
Bromobenzene	**<24.5**	ug/kg	62.9	24.5	1	08/26/22 10:00	08/29/22 11:50	108-86-1	
Bromochloromethane	**<17.2**	ug/kg	62.9	17.2	1	08/26/22 10:00	08/29/22 11:50	74-97-5	
Bromodichloromethane	**<15.0**	ug/kg	62.9	15.0	1	08/26/22 10:00	08/29/22 11:50	75-27-4	
Bromoform	**<277**	ug/kg	315	277	1	08/26/22 10:00	08/29/22 11:50	75-25-2	
Bromomethane	**<88.2**	ug/kg	315	88.2	1	08/26/22 10:00	08/29/22 11:50	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-11 (1'-2') **Lab ID: 40250229022** Collected: 08/19/22 09:20 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<28.8**	ug/kg	62.9	28.8	1	08/26/22 10:00	08/29/22 11:50	104-51-8	
sec-Butylbenzene	**<15.4**	ug/kg	62.9	15.4	1	08/26/22 10:00	08/29/22 11:50	135-98-8	
tert-Butylbenzene	**<19.8**	ug/kg	62.9	19.8	1	08/26/22 10:00	08/29/22 11:50	98-06-6	
Carbon tetrachloride	**<13.8**	ug/kg	62.9	13.8	1	08/26/22 10:00	08/29/22 11:50	56-23-5	
Chlorobenzene	**<7.5**	ug/kg	62.9	7.5	1	08/26/22 10:00	08/29/22 11:50	108-90-7	
Chloroethane	**<26.6**	ug/kg	315	26.6	1	08/26/22 10:00	08/29/22 11:50	75-00-3	
Chloroform	**<45.1**	ug/kg	315	45.1	1	08/26/22 10:00	08/29/22 11:50	67-66-3	
Chloromethane	**<23.9**	ug/kg	62.9	23.9	1	08/26/22 10:00	08/29/22 11:50	74-87-3	
2-Chlorotoluene	**<20.4**	ug/kg	62.9	20.4	1	08/26/22 10:00	08/29/22 11:50	95-49-8	
4-Chlorotoluene	**<23.9**	ug/kg	62.9	23.9	1	08/26/22 10:00	08/29/22 11:50	106-43-4	
1,2-Dibromo-3-chloropropane	**<48.8**	ug/kg	315	48.8	1	08/26/22 10:00	08/29/22 11:50	96-12-8	
Dibromochloromethane	**<215**	ug/kg	315	215	1	08/26/22 10:00	08/29/22 11:50	124-48-1	
1,2-Dibromoethane (EDB)	**<17.2**	ug/kg	62.9	17.2	1	08/26/22 10:00	08/29/22 11:50	106-93-4	
Dibromomethane	**<18.6**	ug/kg	62.9	18.6	1	08/26/22 10:00	08/29/22 11:50	74-95-3	
1,2-Dichlorobenzene	**<19.5**	ug/kg	62.9	19.5	1	08/26/22 10:00	08/29/22 11:50	95-50-1	
1,3-Dichlorobenzene	**<17.2**	ug/kg	62.9	17.2	1	08/26/22 10:00	08/29/22 11:50	541-73-1	
1,4-Dichlorobenzene	**<17.2**	ug/kg	62.9	17.2	1	08/26/22 10:00	08/29/22 11:50	106-46-7	
Dichlorodifluoromethane	**<27.1**	ug/kg	62.9	27.1	1	08/26/22 10:00	08/29/22 11:50	75-71-8	
1,1-Dichloroethane	**<16.1**	ug/kg	62.9	16.1	1	08/26/22 10:00	08/29/22 11:50	75-34-3	
1,2-Dichloroethane	**<14.5**	ug/kg	62.9	14.5	1	08/26/22 10:00	08/29/22 11:50	107-06-2	
1,1-Dichloroethene	**<20.9**	ug/kg	62.9	20.9	1	08/26/22 10:00	08/29/22 11:50	75-35-4	
cis-1,2-Dichloroethene	**<13.5**	ug/kg	62.9	13.5	1	08/26/22 10:00	08/29/22 11:50	156-59-2	
trans-1,2-Dichloroethene	**<13.6**	ug/kg	62.9	13.6	1	08/26/22 10:00	08/29/22 11:50	156-60-5	
1,2-Dichloropropane	**<15.0**	ug/kg	62.9	15.0	1	08/26/22 10:00	08/29/22 11:50	78-87-5	
1,3-Dichloropropane	**<13.7**	ug/kg	62.9	13.7	1	08/26/22 10:00	08/29/22 11:50	142-28-9	
2,2-Dichloropropane	**<17.0**	ug/kg	62.9	17.0	1	08/26/22 10:00	08/29/22 11:50	594-20-7	
1,1-Dichloropropene	**<20.4**	ug/kg	62.9	20.4	1	08/26/22 10:00	08/29/22 11:50	563-58-6	
cis-1,3-Dichloropropene	**<41.5**	ug/kg	315	41.5	1	08/26/22 10:00	08/29/22 11:50	10061-01-5	
trans-1,3-Dichloropropene	**<180**	ug/kg	315	180	1	08/26/22 10:00	08/29/22 11:50	10061-02-6	
Diisopropyl ether	**<15.6**	ug/kg	62.9	15.6	1	08/26/22 10:00	08/29/22 11:50	108-20-3	
Ethylbenzene	**34.9J**	ug/kg	62.9	15.0	1	08/26/22 10:00	08/29/22 11:50	100-41-4	
Hexachloro-1,3-butadiene	**<125**	ug/kg	315	125	1	08/26/22 10:00	08/29/22 11:50	87-68-3	
Isopropylbenzene (Cumene)	**<17.0**	ug/kg	62.9	17.0	1	08/26/22 10:00	08/29/22 11:50	98-82-8	
p-Isopropyltoluene	**<19.1**	ug/kg	62.9	19.1	1	08/26/22 10:00	08/29/22 11:50	99-87-6	
Methylene Chloride	**<17.5**	ug/kg	62.9	17.5	1	08/26/22 10:00	08/29/22 11:50	75-09-2	
Methyl-tert-butyl ether	**<18.5**	ug/kg	62.9	18.5	1	08/26/22 10:00	08/29/22 11:50	1634-04-4	
Naphthalene	**66.3J**	ug/kg	315	19.6	1	08/26/22 10:00	08/29/22 11:50	91-20-3	
n-Propylbenzene	**25.7J**	ug/kg	62.9	15.1	1	08/26/22 10:00	08/29/22 11:50	103-65-1	
Styrene	**<16.1**	ug/kg	62.9	16.1	1	08/26/22 10:00	08/29/22 11:50	100-42-5	
1,1,1,2-Tetrachloroethane	**<15.1**	ug/kg	62.9	15.1	1	08/26/22 10:00	08/29/22 11:50	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.8**	ug/kg	62.9	22.8	1	08/26/22 10:00	08/29/22 11:50	79-34-5	
Tetrachloroethene	**<24.4**	ug/kg	62.9	24.4	1	08/26/22 10:00	08/29/22 11:50	127-18-4	
Toluene	**227**	ug/kg	62.9	15.9	1	08/26/22 10:00	08/29/22 11:50	108-88-3	
1,2,3-Trichlorobenzene	**<70.1**	ug/kg	315	70.1	1	08/26/22 10:00	08/29/22 11:50	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-11 (1'-2') **Lab ID: 40250229022** Collected: 08/19/22 09:20 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<51.9**	ug/kg	315	51.9	1	08/26/22 10:00	08/29/22 11:50	120-82-1	
1,1,1-Trichloroethane	**<16.1**	ug/kg	62.9	16.1	1	08/26/22 10:00	08/29/22 11:50	71-55-6	
1,1,2-Trichloroethane	**<22.9**	ug/kg	62.9	22.9	1	08/26/22 10:00	08/29/22 11:50	79-00-5	
Trichloroethene	**<23.5**	ug/kg	62.9	23.5	1	08/26/22 10:00	08/29/22 11:50	79-01-6	
Trichlorofluoromethane	**<18.2**	ug/kg	62.9	18.2	1	08/26/22 10:00	08/29/22 11:50	75-69-4	
1,2,3-Trichloropropane	**<30.6**	ug/kg	62.9	30.6	1	08/26/22 10:00	08/29/22 11:50	96-18-4	
1,2,4-Trimethylbenzene	**27.6J**	ug/kg	62.9	18.8	1	08/26/22 10:00	08/29/22 11:50	95-63-6	
1,3,5-Trimethylbenzene	**<20.3**	ug/kg	62.9	20.3	1	08/26/22 10:00	08/29/22 11:50	108-67-8	
Vinyl chloride	**<12.7**	ug/kg	62.9	12.7	1	08/26/22 10:00	08/29/22 11:50	75-01-4	
Xylene (Total)	**144J**	ug/kg	189	45.4	1	08/26/22 10:00	08/29/22 11:50	1330-20-7	
m&p-Xylene	**81.2J**	ug/kg	126	26.6	1	08/26/22 10:00	08/29/22 11:50	179601-23-1	
o-Xylene	**63.0**	ug/kg	62.9	18.9	1	08/26/22 10:00	08/29/22 11:50	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	69-153		1	08/26/22 10:00	08/29/22 11:50	2037-26-5	
4-Bromofluorobenzene (S)	142	%	68-156		1	08/26/22 10:00	08/29/22 11:50	460-00-4	
1,2-Dichlorobenzene-d4 (S)	134	%	71-161		1	08/26/22 10:00	08/29/22 11:50	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**11.5**	%	0.10	0.10	1		08/25/22 11:54		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-11 (2'-3') **Lab ID: 40250229023** Collected: 08/19/22 09:30 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.1J**	mg/kg	2.8	1.6	1	08/25/22 06:01	08/29/22 21:32	7440-38-2	
Barium	**51.1**	mg/kg	0.55	0.17	1	08/25/22 06:01	08/29/22 21:32	7440-39-3	
Cadmium	**0.25J**	mg/kg	0.55	0.15	1	08/25/22 06:01	08/29/22 21:32	7440-43-9	
Chromium	**18.3**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/29/22 21:32	7440-47-3	
Lead	**25.2**	mg/kg	2.2	0.66	1	08/25/22 06:01	08/29/22 21:32	7439-92-1	
Selenium	**<1.5**	mg/kg	4.4	1.5	1	08/25/22 06:01	08/29/22 21:32	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	08/25/22 06:01	08/29/22 21:32	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.15**	mg/kg	0.036	0.010	1	08/25/22 09:14	08/26/22 08:45	7439-97-6	
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**35.8J**	ug/kg	76.1	9.9	4	08/29/22 06:43	08/29/22 21:13	83-32-9	
Acenaphthylene	**17.3J**	ug/kg	76.1	9.6	4	08/29/22 06:43	08/29/22 21:13	208-96-8	
Anthracene	**110**	ug/kg	76.1	9.4	4	08/29/22 06:43	08/29/22 21:13	120-12-7	
Benzo(a)anthracene	**237**	ug/kg	76.1	9.8	4	08/29/22 06:43	08/29/22 21:13	56-55-3	
Benzo(a)pyrene	**250**	ug/kg	76.1	8.6	4	08/29/22 06:43	08/29/22 21:13	50-32-8	
Benzo(b)fluoranthene	**313**	ug/kg	76.1	10.6	4	08/29/22 06:43	08/29/22 21:13	205-99-2	
Benzo(g,h,i)perylene	**146**	ug/kg	76.1	13.4	4	08/29/22 06:43	08/29/22 21:13	191-24-2	
Benzo(k)fluoranthene	**133**	ug/kg	76.1	9.7	4	08/29/22 06:43	08/29/22 21:13	207-08-9	
Chrysene	**305**	ug/kg	76.1	14.4	4	08/29/22 06:43	08/29/22 21:13	218-01-9	
Dibenz(a,h)anthracene	**43.0J**	ug/kg	76.1	10.5	4	08/29/22 06:43	08/29/22 21:13	53-70-3	
Fluoranthene	**590**	ug/kg	76.1	9.0	4	08/29/22 06:43	08/29/22 21:13	206-44-0	
Fluorene	**32.9J**	ug/kg	76.1	9.1	4	08/29/22 06:43	08/29/22 21:13	86-73-7	
Indeno(1,2,3-cd)pyrene	**117**	ug/kg	76.1	15.9	4	08/29/22 06:43	08/29/22 21:13	193-39-5	
1-Methylnaphthalene	**44.8J**	ug/kg	76.1	11.1	4	08/29/22 06:43	08/29/22 21:13	90-12-0	
2-Methylnaphthalene	**52.1J**	ug/kg	76.1	11.1	4	08/29/22 06:43	08/29/22 21:13	91-57-6	
Naphthalene	**40.5J**	ug/kg	76.1	7.4	4	08/29/22 06:43	08/29/22 21:13	91-20-3	
Phenanthrene	**434**	ug/kg	76.1	8.7	4	08/29/22 06:43	08/29/22 21:13	85-01-8	
Pyrene	**513**	ug/kg	76.1	11.2	4	08/29/22 06:43	08/29/22 21:13	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	41-98		4	08/29/22 06:43	08/29/22 21:13	321-60-8	
Terphenyl-d14 (S)	70	%	37-106		4	08/29/22 06:43	08/29/22 21:13	1718-51-0	
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	25.6	15.3	1	08/26/22 10:00	08/29/22 12:09	71-43-2	
Bromobenzene	**<25.0**	ug/kg	64.1	25.0	1	08/26/22 10:00	08/29/22 12:09	108-86-1	
Bromochloromethane	**<17.6**	ug/kg	64.1	17.6	1	08/26/22 10:00	08/29/22 12:09	74-97-5	
Bromodichloromethane	**<15.3**	ug/kg	64.1	15.3	1	08/26/22 10:00	08/29/22 12:09	75-27-4	
Bromoform	**<282**	ug/kg	320	282	1	08/26/22 10:00	08/29/22 12:09	75-25-2	
Bromomethane	**<89.9**	ug/kg	320	89.9	1	08/26/22 10:00	08/29/22 12:09	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-11 (2'-3') **Lab ID: 40250229023** Collected: 08/19/22 09:30 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<29.4**	ug/kg	64.1	29.4	1	08/26/22 10:00	08/29/22 12:09	104-51-8	
sec-Butylbenzene	**<15.6**	ug/kg	64.1	15.6	1	08/26/22 10:00	08/29/22 12:09	135-98-8	
tert-Butylbenzene	**<20.1**	ug/kg	64.1	20.1	1	08/26/22 10:00	08/29/22 12:09	98-06-6	
Carbon tetrachloride	**<14.1**	ug/kg	64.1	14.1	1	08/26/22 10:00	08/29/22 12:09	56-23-5	
Chlorobenzene	**<7.7**	ug/kg	64.1	7.7	1	08/26/22 10:00	08/29/22 12:09	108-90-7	
Chloroethane	**<27.0**	ug/kg	320	27.0	1	08/26/22 10:00	08/29/22 12:09	75-00-3	
Chloroform	**<45.9**	ug/kg	320	45.9	1	08/26/22 10:00	08/29/22 12:09	67-66-3	
Chloromethane	**<24.4**	ug/kg	64.1	24.4	1	08/26/22 10:00	08/29/22 12:09	74-87-3	
2-Chlorotoluene	**<20.8**	ug/kg	64.1	20.8	1	08/26/22 10:00	08/29/22 12:09	95-49-8	
4-Chlorotoluene	**<24.4**	ug/kg	64.1	24.4	1	08/26/22 10:00	08/29/22 12:09	106-43-4	
1,2-Dibromo-3-chloropropane	**<49.7**	ug/kg	320	49.7	1	08/26/22 10:00	08/29/22 12:09	96-12-8	
Dibromochloromethane	**<219**	ug/kg	320	219	1	08/26/22 10:00	08/29/22 12:09	124-48-1	
1,2-Dibromoethane (EDB)	**<17.6**	ug/kg	64.1	17.6	1	08/26/22 10:00	08/29/22 12:09	106-93-4	
Dibromomethane	**<19.0**	ug/kg	64.1	19.0	1	08/26/22 10:00	08/29/22 12:09	74-95-3	
1,2-Dichlorobenzene	**<19.9**	ug/kg	64.1	19.9	1	08/26/22 10:00	08/29/22 12:09	95-50-1	
1,3-Dichlorobenzene	**<17.6**	ug/kg	64.1	17.6	1	08/26/22 10:00	08/29/22 12:09	541-73-1	
1,4-Dichlorobenzene	**<17.6**	ug/kg	64.1	17.6	1	08/26/22 10:00	08/29/22 12:09	106-46-7	
Dichlorodifluoromethane	**<27.6**	ug/kg	64.1	27.6	1	08/26/22 10:00	08/29/22 12:09	75-71-8	
1,1-Dichloroethane	**<16.4**	ug/kg	64.1	16.4	1	08/26/22 10:00	08/29/22 12:09	75-34-3	
1,2-Dichloroethane	**<14.7**	ug/kg	64.1	14.7	1	08/26/22 10:00	08/29/22 12:09	107-06-2	
1,1-Dichloroethene	**<21.3**	ug/kg	64.1	21.3	1	08/26/22 10:00	08/29/22 12:09	75-35-4	
cis-1,2-Dichloroethene	**<13.7**	ug/kg	64.1	13.7	1	08/26/22 10:00	08/29/22 12:09	156-59-2	
trans-1,2-Dichloroethene	**<13.8**	ug/kg	64.1	13.8	1	08/26/22 10:00	08/29/22 12:09	156-60-5	
1,2-Dichloropropane	**<15.3**	ug/kg	64.1	15.3	1	08/26/22 10:00	08/29/22 12:09	78-87-5	
1,3-Dichloropropane	**<14.0**	ug/kg	64.1	14.0	1	08/26/22 10:00	08/29/22 12:09	142-28-9	
2,2-Dichloropropane	**<17.3**	ug/kg	64.1	17.3	1	08/26/22 10:00	08/29/22 12:09	594-20-7	
1,1-Dichloropropene	**<20.8**	ug/kg	64.1	20.8	1	08/26/22 10:00	08/29/22 12:09	563-58-6	
cis-1,3-Dichloropropene	**<42.3**	ug/kg	320	42.3	1	08/26/22 10:00	08/29/22 12:09	10061-01-5	
trans-1,3-Dichloropropene	**<183**	ug/kg	320	183	1	08/26/22 10:00	08/29/22 12:09	10061-02-6	
Diisopropyl ether	**<15.9**	ug/kg	64.1	15.9	1	08/26/22 10:00	08/29/22 12:09	108-20-3	
Ethylbenzene	**<15.3**	ug/kg	64.1	15.3	1	08/26/22 10:00	08/29/22 12:09	100-41-4	
Hexachloro-1,3-butadiene	**<127**	ug/kg	320	127	1	08/26/22 10:00	08/29/22 12:09	87-68-3	
Isopropylbenzene (Cumene)	**<17.3**	ug/kg	64.1	17.3	1	08/26/22 10:00	08/29/22 12:09	98-82-8	
p-Isopropyltoluene	**<19.5**	ug/kg	64.1	19.5	1	08/26/22 10:00	08/29/22 12:09	99-87-6	
Methylene Chloride	**<17.8**	ug/kg	64.1	17.8	1	08/26/22 10:00	08/29/22 12:09	75-09-2	
Methyl-tert-butyl ether	**<18.8**	ug/kg	64.1	18.8	1	08/26/22 10:00	08/29/22 12:09	1634-04-4	
Naphthalene	**<20.0**	ug/kg	320	20.0	1	08/26/22 10:00	08/29/22 12:09	91-20-3	
n-Propylbenzene	**<15.4**	ug/kg	64.1	15.4	1	08/26/22 10:00	08/29/22 12:09	103-65-1	
Styrene	**<16.4**	ug/kg	64.1	16.4	1	08/26/22 10:00	08/29/22 12:09	100-42-5	
1,1,1,2-Tetrachloroethane	**<15.4**	ug/kg	64.1	15.4	1	08/26/22 10:00	08/29/22 12:09	630-20-6	
1,1,2,2-Tetrachloroethane	**<23.2**	ug/kg	64.1	23.2	1	08/26/22 10:00	08/29/22 12:09	79-34-5	
Tetrachloroethene	**<24.9**	ug/kg	64.1	24.9	1	08/26/22 10:00	08/29/22 12:09	127-18-4	
Toluene	**<16.2**	ug/kg	64.1	16.2	1	08/26/22 10:00	08/29/22 12:09	108-88-3	
1,2,3-Trichlorobenzene	**<71.4**	ug/kg	320	71.4	1	08/26/22 10:00	08/29/22 12:09	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-11 (2'-3') **Lab ID: 40250229023** Collected: 08/19/22 09:30 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<52.8**	ug/kg	320	52.8	1	08/26/22 10:00	08/29/22 12:09	120-82-1	
1,1,1-Trichloroethane	**<16.4**	ug/kg	64.1	16.4	1	08/26/22 10:00	08/29/22 12:09	71-55-6	
1,1,2-Trichloroethane	**<23.3**	ug/kg	64.1	23.3	1	08/26/22 10:00	08/29/22 12:09	79-00-5	
Trichloroethene	**<24.0**	ug/kg	64.1	24.0	1	08/26/22 10:00	08/29/22 12:09	79-01-6	
Trichlorofluoromethane	**<18.6**	ug/kg	64.1	18.6	1	08/26/22 10:00	08/29/22 12:09	75-69-4	
1,2,3-Trichloropropane	**<31.1**	ug/kg	64.1	31.1	1	08/26/22 10:00	08/29/22 12:09	96-18-4	
1,2,4-Trimethylbenzene	**<19.1**	ug/kg	64.1	19.1	1	08/26/22 10:00	08/29/22 12:09	95-63-6	
1,3,5-Trimethylbenzene	**<20.6**	ug/kg	64.1	20.6	1	08/26/22 10:00	08/29/22 12:09	108-67-8	
Vinyl chloride	**<12.9**	ug/kg	64.1	12.9	1	08/26/22 10:00	08/29/22 12:09	75-01-4	
Xylene (Total)	**<46.3**	ug/kg	192	46.3	1	08/26/22 10:00	08/29/22 12:09	1330-20-7	
m&p-Xylene	**<27.0**	ug/kg	128	27.0	1	08/26/22 10:00	08/29/22 12:09	179601-23-1	
o-Xylene	**<19.2**	ug/kg	64.1	19.2	1	08/26/22 10:00	08/29/22 12:09	95-47-6	
Surrogates									
Toluene-d8 (S)	125	%	69-153		1	08/26/22 10:00	08/29/22 12:09	2037-26-5	
4-Bromofluorobenzene (S)	156	%	68-156		1	08/26/22 10:00	08/29/22 12:09	460-00-4	
1,2-Dichlorobenzene-d4 (S)	146	%	71-161		1	08/26/22 10:00	08/29/22 12:09	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**12.4**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-12 (1'-2') **Lab ID: 40250229024** Collected: 08/19/22 09:40 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**6.4**	mg/kg	5.3	3.1	2	08/25/22 06:01	08/30/22 17:35	7440-38-2	
Barium	**74.8**	mg/kg	1.1	0.32	2	08/25/22 06:01	08/30/22 17:35	7440-39-3	
Cadmium	**1.6**	mg/kg	1.1	0.28	2	08/25/22 06:01	08/30/22 17:35	7440-43-9	
Chromium	**21.9**	mg/kg	2.1	0.59	2	08/25/22 06:01	08/30/22 17:35	7440-47-3	
Lead	**236**	mg/kg	4.3	1.3	2	08/25/22 06:01	08/30/22 17:35	7439-92-1	
Selenium	**<2.8**	mg/kg	8.5	2.8	2	08/25/22 06:01	08/30/22 17:35	7782-49-2	D3
Silver	**<0.66**	mg/kg	2.1	0.66	2	08/25/22 06:01	08/30/22 17:35	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.13**	mg/kg	0.036	0.010	1	08/25/22 09:14	08/26/22 08:47	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**82.0J**	ug/kg	358	46.5	20	08/29/22 06:43	08/29/22 21:30	83-32-9	
Acenaphthylene	**<45.1**	ug/kg	358	45.1	20	08/29/22 06:43	08/29/22 21:30	208-96-8	
Anthracene	**264J**	ug/kg	358	44.4	20	08/29/22 06:43	08/29/22 21:30	120-12-7	
Benzo(a)anthracene	**634**	ug/kg	358	46.3	20	08/29/22 06:43	08/29/22 21:30	56-55-3	
Benzo(a)pyrene	**881**	ug/kg	358	40.7	20	08/29/22 06:43	08/29/22 21:30	50-32-8	
Benzo(b)fluoranthene	**1150**	ug/kg	358	49.7	20	08/29/22 06:43	08/29/22 21:30	205-99-2	
Benzo(g,h,i)perylene	**537**	ug/kg	358	62.8	20	08/29/22 06:43	08/29/22 21:30	191-24-2	
Benzo(k)fluoranthene	**516**	ug/kg	358	45.8	20	08/29/22 06:43	08/29/22 21:30	207-08-9	
Chrysene	**1090**	ug/kg	358	67.5	20	08/29/22 06:43	08/29/22 21:30	218-01-9	
Dibenz(a,h)anthracene	**147J**	ug/kg	358	49.6	20	08/29/22 06:43	08/29/22 21:30	53-70-3	
Fluoranthene	**1950**	ug/kg	358	42.4	20	08/29/22 06:43	08/29/22 21:30	206-44-0	
Fluorene	**75.8J**	ug/kg	358	42.9	20	08/29/22 06:43	08/29/22 21:30	86-73-7	
Indeno(1,2,3-cd)pyrene	**441**	ug/kg	358	74.6	20	08/29/22 06:43	08/29/22 21:30	193-39-5	
1-Methylnaphthalene	**83.5J**	ug/kg	358	52.3	20	08/29/22 06:43	08/29/22 21:30	90-12-0	
2-Methylnaphthalene	**98.5J**	ug/kg	358	52.4	20	08/29/22 06:43	08/29/22 21:30	91-57-6	
Naphthalene	**97.5J**	ug/kg	358	34.9	20	08/29/22 06:43	08/29/22 21:30	91-20-3	
Phenanthrene	**1130**	ug/kg	358	41.0	20	08/29/22 06:43	08/29/22 21:30	85-01-8	
Pyrene	**1660**	ug/kg	358	52.6	20	08/29/22 06:43	08/29/22 21:30	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	41-98		20	08/29/22 06:43	08/29/22 21:30	321-60-8	
Terphenyl-d14 (S)	72	%	37-106		20	08/29/22 06:43	08/29/22 21:30	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**6.7**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-12 (3'-4') **Lab ID: 40250229025** Collected: 08/19/22 09:50 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<3.1**	mg/kg	5.3	3.1	2	08/25/22 06:01	08/30/22 17:38	7440-38-2	D3
Barium	**19.7**	mg/kg	1.1	0.32	2	08/25/22 06:01	08/30/22 17:38	7440-39-3	
Cadmium	**<0.28**	mg/kg	1.1	0.28	2	08/25/22 06:01	08/30/22 17:38	7440-43-9	D3
Chromium	**7.4**	mg/kg	2.1	0.59	2	08/25/22 06:01	08/30/22 17:38	7440-47-3	
Lead	**14.0**	mg/kg	4.3	1.3	2	08/25/22 06:01	08/30/22 17:38	7439-92-1	
Selenium	**<2.8**	mg/kg	8.5	2.8	2	08/25/22 06:01	08/30/22 17:38	7782-49-2	D3
Silver	**<0.65**	mg/kg	2.1	0.65	2	08/25/22 06:01	08/30/22 17:38	7440-22-4	D3
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.023J**	mg/kg	0.038	0.011	1	08/25/22 09:14	08/26/22 08:49	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<2.4**	ug/kg	18.5	2.4	1	08/29/22 06:43	08/29/22 18:37	83-32-9	
Acenaphthylene	**2.6J**	ug/kg	18.5	2.3	1	08/29/22 06:43	08/29/22 18:37	208-96-8	
Anthracene	**2.4J**	ug/kg	18.5	2.3	1	08/29/22 06:43	08/29/22 18:37	120-12-7	
Benzo(a)anthracene	**6.1J**	ug/kg	18.5	2.4	1	08/29/22 06:43	08/29/22 18:37	56-55-3	
Benzo(a)pyrene	**8.9J**	ug/kg	18.5	2.1	1	08/29/22 06:43	08/29/22 18:37	50-32-8	
Benzo(b)fluoranthene	**12.0J**	ug/kg	18.5	2.6	1	08/29/22 06:43	08/29/22 18:37	205-99-2	
Benzo(g,h,i)perylene	**8.1J**	ug/kg	18.5	3.3	1	08/29/22 06:43	08/29/22 18:37	191-24-2	
Benzo(k)fluoranthene	**5.5J**	ug/kg	18.5	2.4	1	08/29/22 06:43	08/29/22 18:37	207-08-9	
Chrysene	**10.6J**	ug/kg	18.5	3.5	1	08/29/22 06:43	08/29/22 18:37	218-01-9	
Dibenz(a,h)anthracene	**<2.6**	ug/kg	18.5	2.6	1	08/29/22 06:43	08/29/22 18:37	53-70-3	
Fluoranthene	**12.4J**	ug/kg	18.5	2.2	1	08/29/22 06:43	08/29/22 18:37	206-44-0	
Fluorene	**<2.2**	ug/kg	18.5	2.2	1	08/29/22 06:43	08/29/22 18:37	86-73-7	
Indeno(1,2,3-cd)pyrene	**4.9J**	ug/kg	18.5	3.9	1	08/29/22 06:43	08/29/22 18:37	193-39-5	
1-Methylnaphthalene	**3.7J**	ug/kg	18.5	2.7	1	08/29/22 06:43	08/29/22 18:37	90-12-0	
2-Methylnaphthalene	**4.8J**	ug/kg	18.5	2.7	1	08/29/22 06:43	08/29/22 18:37	91-57-6	
Naphthalene	**6.0J**	ug/kg	18.5	1.8	1	08/29/22 06:43	08/29/22 18:37	91-20-3	
Phenanthrene	**9.1J**	ug/kg	18.5	2.1	1	08/29/22 06:43	08/29/22 18:37	85-01-8	
Pyrene	**18.4J**	ug/kg	18.5	2.7	1	08/29/22 06:43	08/29/22 18:37	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	61	%	41-98		1	08/29/22 06:43	08/29/22 18:37	321-60-8	
Terphenyl-d14 (S)	72	%	37-106		1	08/29/22 06:43	08/29/22 18:37	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.0**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-13 (1'-2') **Lab ID: 40250229026** Collected: 08/19/22 10:00 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.4J**	mg/kg	2.6	1.5	1	08/25/22 06:01	08/29/22 21:44	7440-38-2	
Barium	**60.7**	mg/kg	0.52	0.16	1	08/25/22 06:01	08/29/22 21:44	7440-39-3	
Cadmium	**0.25J**	mg/kg	0.52	0.14	1	08/25/22 06:01	08/29/22 21:44	7440-43-9	
Chromium	**18.8**	mg/kg	1.0	0.29	1	08/25/22 06:01	08/29/22 21:44	7440-47-3	
Lead	**24.3**	mg/kg	2.1	0.63	1	08/25/22 06:01	08/29/22 21:44	7439-92-1	
Selenium	**<1.4**	mg/kg	4.2	1.4	1	08/25/22 06:01	08/29/22 21:44	7782-49-2	
Silver	**0.34J**	mg/kg	1.0	0.32	1	08/25/22 06:01	08/29/22 21:44	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.057**	mg/kg	0.035	0.010	1	08/25/22 09:14	08/26/22 08:51	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**<47.6**	ug/kg	367	47.6	20	08/29/22 06:43	08/29/22 21:47	83-32-9	
Acenaphthylene	**686**	ug/kg	367	46.3	20	08/29/22 06:43	08/29/22 21:47	208-96-8	
Anthracene	**1220**	ug/kg	367	45.5	20	08/29/22 06:43	08/29/22 21:47	120-12-7	
Benzo(a)anthracene	**2470**	ug/kg	367	47.4	20	08/29/22 06:43	08/29/22 21:47	56-55-3	
Benzo(a)pyrene	**2360**	ug/kg	367	41.7	20	08/29/22 06:43	08/29/22 21:47	50-32-8	
Benzo(b)fluoranthene	**2570**	ug/kg	367	50.9	20	08/29/22 06:43	08/29/22 21:47	205-99-2	
Benzo(g,h,i)perylene	**1170**	ug/kg	367	64.4	20	08/29/22 06:43	08/29/22 21:47	191-24-2	
Benzo(k)fluoranthene	**1070**	ug/kg	367	46.9	20	08/29/22 06:43	08/29/22 21:47	207-08-9	
Chrysene	**2450**	ug/kg	367	69.2	20	08/29/22 06:43	08/29/22 21:47	218-01-9	
Dibenz(a,h)anthracene	**298J**	ug/kg	367	50.8	20	08/29/22 06:43	08/29/22 21:47	53-70-3	
Fluoranthene	**6100**	ug/kg	367	43.4	20	08/29/22 06:43	08/29/22 21:47	206-44-0	
Fluorene	**244J**	ug/kg	367	44.0	20	08/29/22 06:43	08/29/22 21:47	86-73-7	
Indeno(1,2,3-cd)pyrene	**974**	ug/kg	367	76.4	20	08/29/22 06:43	08/29/22 21:47	193-39-5	
1-Methylnaphthalene	**65.4J**	ug/kg	367	53.6	20	08/29/22 06:43	08/29/22 21:47	90-12-0	
2-Methylnaphthalene	**148J**	ug/kg	367	53.7	20	08/29/22 06:43	08/29/22 21:47	91-57-6	
Naphthalene	**298J**	ug/kg	367	35.7	20	08/29/22 06:43	08/29/22 21:47	91-20-3	
Phenanthrene	**2260**	ug/kg	367	42.0	20	08/29/22 06:43	08/29/22 21:47	85-01-8	
Pyrene	**5800**	ug/kg	367	53.9	20	08/29/22 06:43	08/29/22 21:47	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%	41-98		20	08/29/22 06:43	08/29/22 21:47	321-60-8	
Terphenyl-d14 (S)	86	%	37-106		20	08/29/22 06:43	08/29/22 21:47	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.0**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-13 (3'-4') **Lab ID: 40250229027** Collected: 08/19/22 10:10 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.1J**	mg/kg	2.7	1.6	1	08/25/22 06:01	08/29/22 21:47	7440-38-2	
Barium	**54.1**	mg/kg	0.53	0.16	1	08/25/22 06:01	08/29/22 21:47	7440-39-3	
Cadmium	**0.32J**	mg/kg	0.53	0.14	1	08/25/22 06:01	08/29/22 21:47	7440-43-9	
Chromium	**18.0**	mg/kg	1.1	0.30	1	08/25/22 06:01	08/29/22 21:47	7440-47-3	
Lead	**24.5**	mg/kg	2.1	0.64	1	08/25/22 06:01	08/29/22 21:47	7439-92-1	
Selenium	**<1.4**	mg/kg	4.3	1.4	1	08/25/22 06:01	08/29/22 21:47	7782-49-2	
Silver	**0.41J**	mg/kg	1.1	0.33	1	08/25/22 06:01	08/29/22 21:47	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.075**	mg/kg	0.038	0.011	1	08/25/22 09:14	08/26/22 08:54	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**8.4J**	ug/kg	18.6	2.4	1	08/29/22 06:43	08/30/22 17:27	83-32-9	
Acenaphthylene	**25.3**	ug/kg	18.6	2.3	1	08/29/22 06:43	08/30/22 17:27	208-96-8	
Anthracene	**40.8**	ug/kg	18.6	2.3	1	08/29/22 06:43	08/30/22 17:27	120-12-7	
Benzo(a)anthracene	**224**	ug/kg	18.6	2.4	1	08/29/22 06:43	08/30/22 17:27	56-55-3	
Benzo(a)pyrene	**172**	ug/kg	18.6	2.1	1	08/29/22 06:43	08/30/22 17:27	50-32-8	
Benzo(b)fluoranthene	**488**	ug/kg	18.6	2.6	1	08/29/22 06:43	08/30/22 17:27	205-99-2	
Benzo(g,h,i)perylene	**95.7**	ug/kg	18.6	3.3	1	08/29/22 06:43	08/30/22 17:27	191-24-2	
Benzo(k)fluoranthene	**222**	ug/kg	18.6	2.4	1	08/29/22 06:43	08/30/22 17:27	207-08-9	
Chrysene	**283**	ug/kg	18.6	3.5	1	08/29/22 06:43	08/30/22 17:27	218-01-9	
Dibenz(a,h)anthracene	**21.3**	ug/kg	18.6	2.6	1	08/29/22 06:43	08/30/22 17:27	53-70-3	
Fluoranthene	**407**	ug/kg	18.6	2.2	1	08/29/22 06:43	08/30/22 17:27	206-44-0	
Fluorene	**10.9J**	ug/kg	18.6	2.2	1	08/29/22 06:43	08/30/22 17:27	86-73-7	
Indeno(1,2,3-cd)pyrene	**90.4**	ug/kg	18.6	3.9	1	08/29/22 06:43	08/30/22 17:27	193-39-5	
1-Methylnaphthalene	**79.7**	ug/kg	18.6	2.7	1	08/29/22 06:43	08/30/22 17:27	90-12-0	
2-Methylnaphthalene	**112**	ug/kg	18.6	2.7	1	08/29/22 06:43	08/30/22 17:27	91-57-6	
Naphthalene	**76.7**	ug/kg	18.6	1.8	1	08/29/22 06:43	08/30/22 17:27	91-20-3	
Phenanthrene	**155**	ug/kg	18.6	2.1	1	08/29/22 06:43	08/30/22 17:27	85-01-8	
Pyrene	**414**	ug/kg	18.6	2.7	1	08/29/22 06:43	08/30/22 17:27	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	62	%	41-98		1	08/29/22 06:43	08/30/22 17:27	321-60-8	
Terphenyl-d14 (S)	75	%	37-106		1	08/29/22 06:43	08/30/22 17:27	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**10.3**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-14 (1'-2') **Lab ID: 40250229028** Collected: 08/19/22 13:20 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**2.9**	mg/kg	2.8	1.6	1	08/25/22 06:01	08/26/22 18:12	7440-38-2	
Barium	**49.3**	mg/kg	0.56	0.17	1	08/25/22 06:01	08/26/22 18:12	7440-39-3	
Cadmium	**0.55J**	mg/kg	0.56	0.15	1	08/25/22 06:01	08/26/22 18:12	7440-43-9	
Chromium	**10.1**	mg/kg	1.1	0.31	1	08/25/22 06:01	08/26/22 18:12	7440-47-3	
Lead	**113**	mg/kg	2.2	0.67	1	08/25/22 06:01	08/26/22 18:12	7439-92-1	
Selenium	**<1.5**	mg/kg	4.5	1.5	1	08/25/22 06:01	08/26/22 18:12	7782-49-2	
Silver	**<0.34**	mg/kg	1.1	0.34	1	08/25/22 06:01	08/26/22 18:12	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.084**	mg/kg	0.039	0.011	1	08/25/22 09:14	08/26/22 08:56	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**48.7**	ug/kg	39.6	5.1	2	08/31/22 08:04	08/31/22 18:56	83-32-9	
Acenaphthylene	**35.1J**	ug/kg	39.6	5.0	2	08/31/22 08:04	08/31/22 18:56	208-96-8	
Anthracene	**128**	ug/kg	39.6	4.9	2	08/31/22 08:04	08/31/22 18:56	120-12-7	
Benzo(a)anthracene	**267**	ug/kg	39.6	5.1	2	08/31/22 08:04	08/31/22 18:56	56-55-3	
Benzo(a)pyrene	**246**	ug/kg	39.6	4.5	2	08/31/22 08:04	08/31/22 18:56	50-32-8	
Benzo(b)fluoranthene	**347**	ug/kg	39.6	5.5	2	08/31/22 08:04	08/31/22 18:56	205-99-2	
Benzo(g,h,i)perylene	**167**	ug/kg	39.6	6.9	2	08/31/22 08:04	08/31/22 18:56	191-24-2	
Benzo(k)fluoranthene	**107**	ug/kg	39.6	5.1	2	08/31/22 08:04	08/31/22 18:56	207-08-9	
Chrysene	**284**	ug/kg	39.6	7.5	2	08/31/22 08:04	08/31/22 18:56	218-01-9	
Dibenz(a,h)anthracene	**52.0**	ug/kg	39.6	5.5	2	08/31/22 08:04	08/31/22 18:56	53-70-3	
Fluoranthene	**575**	ug/kg	39.6	4.7	2	08/31/22 08:04	08/31/22 18:56	206-44-0	
Fluorene	**59.0**	ug/kg	39.6	4.7	2	08/31/22 08:04	08/31/22 18:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**131**	ug/kg	39.6	8.2	2	08/31/22 08:04	08/31/22 18:56	193-39-5	
1-Methylnaphthalene	**149**	ug/kg	39.6	5.8	2	08/31/22 08:04	08/31/22 18:56	90-12-0	
2-Methylnaphthalene	**188**	ug/kg	39.6	5.8	2	08/31/22 08:04	08/31/22 18:56	91-57-6	
Naphthalene	**156**	ug/kg	39.6	3.9	2	08/31/22 08:04	08/31/22 18:56	91-20-3	
Phenanthrene	**520**	ug/kg	39.6	4.5	2	08/31/22 08:04	08/31/22 18:56	85-01-8	
Pyrene	**439**	ug/kg	39.6	5.8	2	08/31/22 08:04	08/31/22 18:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	55	%	41-98		2	08/31/22 08:04	08/31/22 18:56	321-60-8	
Terphenyl-d14 (S)	59	%	37-106		2	08/31/22 08:04	08/31/22 18:56	1718-51-0	
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	27.3	16.3	1	08/26/22 10:00	08/29/22 12:29	71-43-2	
Bromobenzene	**<26.6**	ug/kg	68.3	26.6	1	08/26/22 10:00	08/29/22 12:29	108-86-1	
Bromochloromethane	**<18.7**	ug/kg	68.3	18.7	1	08/26/22 10:00	08/29/22 12:29	74-97-5	
Bromodichloromethane	**<16.3**	ug/kg	68.3	16.3	1	08/26/22 10:00	08/29/22 12:29	75-27-4	
Bromoform	**<301**	ug/kg	342	301	1	08/26/22 10:00	08/29/22 12:29	75-25-2	
Bromomethane	**<95.8**	ug/kg	342	95.8	1	08/26/22 10:00	08/29/22 12:29	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-14 (1'-2') **Lab ID: 40250229028** Collected: 08/19/22 13:20 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<31.3**	ug/kg	68.3	31.3	1	08/26/22 10:00	08/29/22 12:29	104-51-8	
sec-Butylbenzene	**<16.7**	ug/kg	68.3	16.7	1	08/26/22 10:00	08/29/22 12:29	135-98-8	
tert-Butylbenzene	**<21.5**	ug/kg	68.3	21.5	1	08/26/22 10:00	08/29/22 12:29	98-06-6	
Carbon tetrachloride	**<15.0**	ug/kg	68.3	15.0	1	08/26/22 10:00	08/29/22 12:29	56-23-5	
Chlorobenzene	**<8.2**	ug/kg	68.3	8.2	1	08/26/22 10:00	08/29/22 12:29	108-90-7	
Chloroethane	**<28.8**	ug/kg	342	28.8	1	08/26/22 10:00	08/29/22 12:29	75-00-3	
Chloroform	**<48.9**	ug/kg	342	48.9	1	08/26/22 10:00	08/29/22 12:29	67-66-3	
Chloromethane	**<26.0**	ug/kg	68.3	26.0	1	08/26/22 10:00	08/29/22 12:29	74-87-3	
2-Chlorotoluene	**<22.1**	ug/kg	68.3	22.1	1	08/26/22 10:00	08/29/22 12:29	95-49-8	
4-Chlorotoluene	**<26.0**	ug/kg	68.3	26.0	1	08/26/22 10:00	08/29/22 12:29	106-43-4	
1,2-Dibromo-3-chloropropane	**<53.0**	ug/kg	342	53.0	1	08/26/22 10:00	08/29/22 12:29	96-12-8	
Dibromochloromethane	**<234**	ug/kg	342	234	1	08/26/22 10:00	08/29/22 12:29	124-48-1	
1,2-Dibromoethane (EDB)	**<18.7**	ug/kg	68.3	18.7	1	08/26/22 10:00	08/29/22 12:29	106-93-4	
Dibromomethane	**<20.2**	ug/kg	68.3	20.2	1	08/26/22 10:00	08/29/22 12:29	74-95-3	
1,2-Dichlorobenzene	**<21.2**	ug/kg	68.3	21.2	1	08/26/22 10:00	08/29/22 12:29	95-50-1	
1,3-Dichlorobenzene	**<18.7**	ug/kg	68.3	18.7	1	08/26/22 10:00	08/29/22 12:29	541-73-1	
1,4-Dichlorobenzene	**<18.7**	ug/kg	68.3	18.7	1	08/26/22 10:00	08/29/22 12:29	106-46-7	
Dichlorodifluoromethane	**<29.4**	ug/kg	68.3	29.4	1	08/26/22 10:00	08/29/22 12:29	75-71-8	
1,1-Dichloroethane	**<17.5**	ug/kg	68.3	17.5	1	08/26/22 10:00	08/29/22 12:29	75-34-3	
1,2-Dichloroethane	**<15.7**	ug/kg	68.3	15.7	1	08/26/22 10:00	08/29/22 12:29	107-06-2	
1,1-Dichloroethene	**<22.7**	ug/kg	68.3	22.7	1	08/26/22 10:00	08/29/22 12:29	75-35-4	
cis-1,2-Dichloroethene	**<14.6**	ug/kg	68.3	14.6	1	08/26/22 10:00	08/29/22 12:29	156-59-2	
trans-1,2-Dichloroethene	**<14.8**	ug/kg	68.3	14.8	1	08/26/22 10:00	08/29/22 12:29	156-60-5	
1,2-Dichloropropane	**<16.3**	ug/kg	68.3	16.3	1	08/26/22 10:00	08/29/22 12:29	78-87-5	
1,3-Dichloropropane	**<14.9**	ug/kg	68.3	14.9	1	08/26/22 10:00	08/29/22 12:29	142-28-9	
2,2-Dichloropropane	**<18.4**	ug/kg	68.3	18.4	1	08/26/22 10:00	08/29/22 12:29	594-20-7	
1,1-Dichloropropene	**<22.1**	ug/kg	68.3	22.1	1	08/26/22 10:00	08/29/22 12:29	563-58-6	
cis-1,3-Dichloropropene	**<45.1**	ug/kg	342	45.1	1	08/26/22 10:00	08/29/22 12:29	10061-01-5	
trans-1,3-Dichloropropene	**<195**	ug/kg	342	195	1	08/26/22 10:00	08/29/22 12:29	10061-02-6	
Diisopropyl ether	**<16.9**	ug/kg	68.3	16.9	1	08/26/22 10:00	08/29/22 12:29	108-20-3	
Ethylbenzene	**<16.3**	ug/kg	68.3	16.3	1	08/26/22 10:00	08/29/22 12:29	100-41-4	
Hexachloro-1,3-butadiene	**<136**	ug/kg	342	136	1	08/26/22 10:00	08/29/22 12:29	87-68-3	
Isopropylbenzene (Cumene)	**<18.4**	ug/kg	68.3	18.4	1	08/26/22 10:00	08/29/22 12:29	98-82-8	
p-Isopropyltoluene	**<20.8**	ug/kg	68.3	20.8	1	08/26/22 10:00	08/29/22 12:29	99-87-6	
Methylene Chloride	**<19.0**	ug/kg	68.3	19.0	1	08/26/22 10:00	08/29/22 12:29	75-09-2	
Methyl-tert-butyl ether	**<20.1**	ug/kg	68.3	20.1	1	08/26/22 10:00	08/29/22 12:29	1634-04-4	
Naphthalene	**<21.3**	ug/kg	342	21.3	1	08/26/22 10:00	08/29/22 12:29	91-20-3	
n-Propylbenzene	**<16.4**	ug/kg	68.3	16.4	1	08/26/22 10:00	08/29/22 12:29	103-65-1	
Styrene	**<17.5**	ug/kg	68.3	17.5	1	08/26/22 10:00	08/29/22 12:29	100-42-5	
1,1,1,2-Tetrachloroethane	**<16.4**	ug/kg	68.3	16.4	1	08/26/22 10:00	08/29/22 12:29	630-20-6	
1,1,2,2-Tetrachloroethane	**<24.7**	ug/kg	68.3	24.7	1	08/26/22 10:00	08/29/22 12:29	79-34-5	
Tetrachloroethene	**<26.5**	ug/kg	68.3	26.5	1	08/26/22 10:00	08/29/22 12:29	127-18-4	
Toluene	**<17.2**	ug/kg	68.3	17.2	1	08/26/22 10:00	08/29/22 12:29	108-88-3	
1,2,3-Trichlorobenzene	**<76.1**	ug/kg	342	76.1	1	08/26/22 10:00	08/29/22 12:29	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-14 (1'-2') **Lab ID: 40250229028** Collected: 08/19/22 13:20 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<56.3**	ug/kg	342	56.3	1	08/26/22 10:00	08/29/22 12:29	120-82-1	
1,1,1-Trichloroethane	**<17.5**	ug/kg	68.3	17.5	1	08/26/22 10:00	08/29/22 12:29	71-55-6	
1,1,2-Trichloroethane	**<24.9**	ug/kg	68.3	24.9	1	08/26/22 10:00	08/29/22 12:29	79-00-5	
Trichloroethene	**<25.6**	ug/kg	68.3	25.6	1	08/26/22 10:00	08/29/22 12:29	79-01-6	
Trichlorofluoromethane	**<19.8**	ug/kg	68.3	19.8	1	08/26/22 10:00	08/29/22 12:29	75-69-4	
1,2,3-Trichloropropane	**<33.2**	ug/kg	68.3	33.2	1	08/26/22 10:00	08/29/22 12:29	96-18-4	
1,2,4-Trimethylbenzene	**<20.4**	ug/kg	68.3	20.4	1	08/26/22 10:00	08/29/22 12:29	95-63-6	
1,3,5-Trimethylbenzene	**<22.0**	ug/kg	68.3	22.0	1	08/26/22 10:00	08/29/22 12:29	108-67-8	
Vinyl chloride	**<13.8**	ug/kg	68.3	13.8	1	08/26/22 10:00	08/29/22 12:29	75-01-4	
Xylene (Total)	**<49.3**	ug/kg	205	49.3	1	08/26/22 10:00	08/29/22 12:29	1330-20-7	
m&p-Xylene	**<28.8**	ug/kg	137	28.8	1	08/26/22 10:00	08/29/22 12:29	179601-23-1	
o-Xylene	**<20.5**	ug/kg	68.3	20.5	1	08/26/22 10:00	08/29/22 12:29	95-47-6	
Surrogates									
Toluene-d8 (S)	120	%	69-153		1	08/26/22 10:00	08/29/22 12:29	2037-26-5	
4-Bromofluorobenzene (S)	155	%	68-156		1	08/26/22 10:00	08/29/22 12:29	460-00-4	
1,2-Dichlorobenzene-d4 (S)	146	%	71-161		1	08/26/22 10:00	08/29/22 12:29	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.5**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-14 (3'-4') **Lab ID: 40250229029** Collected: 08/19/22 13:30 Received: 08/23/22 08:10 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
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**1.5J**	mg/kg	2.5	1.5	1	08/25/22 06:01	08/26/22 18:14	7440-38-2	
Barium	**50.1**	mg/kg	0.50	0.15	1	08/25/22 06:01	08/26/22 18:14	7440-39-3	
Cadmium	**0.18J**	mg/kg	0.50	0.13	1	08/25/22 06:01	08/26/22 18:14	7440-43-9	
Chromium	**10.4**	mg/kg	1.0	0.28	1	08/25/22 06:01	08/26/22 18:14	7440-47-3	
Lead	**31.0**	mg/kg	2.0	0.60	1	08/25/22 06:01	08/26/22 18:14	7439-92-1	
Selenium	**<1.3**	mg/kg	4.0	1.3	1	08/25/22 06:01	08/26/22 18:14	7782-49-2	
Silver	**<0.31**	mg/kg	1.0	0.31	1	08/25/22 06:01	08/26/22 18:14	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.052**	mg/kg	0.038	0.011	1	08/25/22 09:14	08/26/22 09:03	7439-97-6	B
8270E MSSV PAH by SIM	Analytical Method: EPA 8270E by SIM Preparation Method: EPA 3546 Pace Analytical Services - Green Bay								
Acenaphthene	**24.9**	ug/kg	18.4	2.4	1	08/29/22 06:43	08/30/22 17:44	83-32-9	
Acenaphthylene	**28.2**	ug/kg	18.4	2.3	1	08/29/22 06:43	08/30/22 17:44	208-96-8	
Anthracene	**56.0**	ug/kg	18.4	2.3	1	08/29/22 06:43	08/30/22 17:44	120-12-7	
Benzo(a)anthracene	**208**	ug/kg	18.4	2.4	1	08/29/22 06:43	08/30/22 17:44	56-55-3	
Benzo(a)pyrene	**229**	ug/kg	18.4	2.1	1	08/29/22 06:43	08/30/22 17:44	50-32-8	
Benzo(b)fluoranthene	**340**	ug/kg	18.4	2.5	1	08/29/22 06:43	08/30/22 17:44	205-99-2	
Benzo(g,h,i)perylene	**98.0**	ug/kg	18.4	3.2	1	08/29/22 06:43	08/30/22 17:44	191-24-2	
Benzo(k)fluoranthene	**133**	ug/kg	18.4	2.3	1	08/29/22 06:43	08/30/22 17:44	207-08-9	
Chrysene	**221**	ug/kg	18.4	3.5	1	08/29/22 06:43	08/30/22 17:44	218-01-9	
Dibenz(a,h)anthracene	**23.5**	ug/kg	18.4	2.5	1	08/29/22 06:43	08/30/22 17:44	53-70-3	
Fluoranthene	**384**	ug/kg	18.4	2.2	1	08/29/22 06:43	08/30/22 17:44	206-44-0	
Fluorene	**21.3**	ug/kg	18.4	2.2	1	08/29/22 06:43	08/30/22 17:44	86-73-7	
Indeno(1,2,3-cd)pyrene	**82.0**	ug/kg	18.4	3.8	1	08/29/22 06:43	08/30/22 17:44	193-39-5	
1-Methylnaphthalene	**73.8**	ug/kg	18.4	2.7	1	08/29/22 06:43	08/30/22 17:44	90-12-0	
2-Methylnaphthalene	**98.2**	ug/kg	18.4	2.7	1	08/29/22 06:43	08/30/22 17:44	91-57-6	
Naphthalene	**84.5**	ug/kg	18.4	1.8	1	08/29/22 06:43	08/30/22 17:44	91-20-3	
Phenanthrene	**199**	ug/kg	18.4	2.1	1	08/29/22 06:43	08/30/22 17:44	85-01-8	
Pyrene	**369**	ug/kg	18.4	2.7	1	08/29/22 06:43	08/30/22 17:44	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	65	%	41-98		1	08/29/22 06:43	08/30/22 17:44	321-60-8	
Terphenyl-d14 (S)	76	%	37-106		1	08/29/22 06:43	08/30/22 17:44	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B Pace Analytical Services - Green Bay								
Benzene	**<14.6**	ug/kg	24.5	14.6	1	08/26/22 10:00	08/29/22 12:49	71-43-2	
Bromobenzene	**<23.9**	ug/kg	61.2	23.9	1	08/26/22 10:00	08/29/22 12:49	108-86-1	
Bromochloromethane	**<16.8**	ug/kg	61.2	16.8	1	08/26/22 10:00	08/29/22 12:49	74-97-5	
Bromodichloromethane	**<14.6**	ug/kg	61.2	14.6	1	08/26/22 10:00	08/29/22 12:49	75-27-4	
Bromoform	**<269**	ug/kg	306	269	1	08/26/22 10:00	08/29/22 12:49	75-25-2	
Bromomethane	**<85.8**	ug/kg	306	85.8	1	08/26/22 10:00	08/29/22 12:49	74-83-9	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-14 (3'-4') **Lab ID: 40250229029** Collected: 08/19/22 13:30 Received: 08/23/22 08:10 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								
n-Butylbenzene	**<28.0**	ug/kg	61.2	28.0	1	08/26/22 10:00	08/29/22 12:49	104-51-8	
sec-Butylbenzene	**<14.9**	ug/kg	61.2	14.9	1	08/26/22 10:00	08/29/22 12:49	135-98-8	
tert-Butylbenzene	**<19.2**	ug/kg	61.2	19.2	1	08/26/22 10:00	08/29/22 12:49	98-06-6	
Carbon tetrachloride	**<13.5**	ug/kg	61.2	13.5	1	08/26/22 10:00	08/29/22 12:49	56-23-5	
Chlorobenzene	**<7.3**	ug/kg	61.2	7.3	1	08/26/22 10:00	08/29/22 12:49	108-90-7	
Chloroethane	**<25.8**	ug/kg	306	25.8	1	08/26/22 10:00	08/29/22 12:49	75-00-3	
Chloroform	**<43.8**	ug/kg	306	43.8	1	08/26/22 10:00	08/29/22 12:49	67-66-3	
Chloromethane	**<23.3**	ug/kg	61.2	23.3	1	08/26/22 10:00	08/29/22 12:49	74-87-3	
2-Chlorotoluene	**<19.8**	ug/kg	61.2	19.8	1	08/26/22 10:00	08/29/22 12:49	95-49-8	
4-Chlorotoluene	**<23.3**	ug/kg	61.2	23.3	1	08/26/22 10:00	08/29/22 12:49	106-43-4	
1,2-Dibromo-3-chloropropane	**<47.5**	ug/kg	306	47.5	1	08/26/22 10:00	08/29/22 12:49	96-12-8	
Dibromochloromethane	**<209**	ug/kg	306	209	1	08/26/22 10:00	08/29/22 12:49	124-48-1	
1,2-Dibromoethane (EDB)	**<16.8**	ug/kg	61.2	16.8	1	08/26/22 10:00	08/29/22 12:49	106-93-4	
Dibromomethane	**<18.1**	ug/kg	61.2	18.1	1	08/26/22 10:00	08/29/22 12:49	74-95-3	
1,2-Dichlorobenzene	**<19.0**	ug/kg	61.2	19.0	1	08/26/22 10:00	08/29/22 12:49	95-50-1	
1,3-Dichlorobenzene	**<16.8**	ug/kg	61.2	16.8	1	08/26/22 10:00	08/29/22 12:49	541-73-1	
1,4-Dichlorobenzene	**<16.8**	ug/kg	61.2	16.8	1	08/26/22 10:00	08/29/22 12:49	106-46-7	
Dichlorodifluoromethane	**<26.3**	ug/kg	61.2	26.3	1	08/26/22 10:00	08/29/22 12:49	75-71-8	
1,1-Dichloroethane	**<15.7**	ug/kg	61.2	15.7	1	08/26/22 10:00	08/29/22 12:49	75-34-3	
1,2-Dichloroethane	**<14.1**	ug/kg	61.2	14.1	1	08/26/22 10:00	08/29/22 12:49	107-06-2	
1,1-Dichloroethene	**<20.3**	ug/kg	61.2	20.3	1	08/26/22 10:00	08/29/22 12:49	75-35-4	
cis-1,2-Dichloroethene	**<13.1**	ug/kg	61.2	13.1	1	08/26/22 10:00	08/29/22 12:49	156-59-2	
trans-1,2-Dichloroethene	**<13.2**	ug/kg	61.2	13.2	1	08/26/22 10:00	08/29/22 12:49	156-60-5	
1,2-Dichloropropane	**<14.6**	ug/kg	61.2	14.6	1	08/26/22 10:00	08/29/22 12:49	78-87-5	
1,3-Dichloropropane	**<13.3**	ug/kg	61.2	13.3	1	08/26/22 10:00	08/29/22 12:49	142-28-9	
2,2-Dichloropropane	**<16.5**	ug/kg	61.2	16.5	1	08/26/22 10:00	08/29/22 12:49	594-20-7	
1,1-Dichloropropene	**<19.8**	ug/kg	61.2	19.8	1	08/26/22 10:00	08/29/22 12:49	563-58-6	
cis-1,3-Dichloropropene	**<40.4**	ug/kg	306	40.4	1	08/26/22 10:00	08/29/22 12:49	10061-01-5	
trans-1,3-Dichloropropene	**<175**	ug/kg	306	175	1	08/26/22 10:00	08/29/22 12:49	10061-02-6	
Diisopropyl ether	**<15.2**	ug/kg	61.2	15.2	1	08/26/22 10:00	08/29/22 12:49	108-20-3	
Ethylbenzene	**<14.6**	ug/kg	61.2	14.6	1	08/26/22 10:00	08/29/22 12:49	100-41-4	
Hexachloro-1,3-butadiene	**<122**	ug/kg	306	122	1	08/26/22 10:00	08/29/22 12:49	87-68-3	
Isopropylbenzene (Cumene)	**<16.5**	ug/kg	61.2	16.5	1	08/26/22 10:00	08/29/22 12:49	98-82-8	
p-Isopropyltoluene	**<18.6**	ug/kg	61.2	18.6	1	08/26/22 10:00	08/29/22 12:49	99-87-6	
Methylene Chloride	**<17.0**	ug/kg	61.2	17.0	1	08/26/22 10:00	08/29/22 12:49	75-09-2	
Methyl-tert-butyl ether	**<18.0**	ug/kg	61.2	18.0	1	08/26/22 10:00	08/29/22 12:49	1634-04-4	
Naphthalene	**69.7J**	ug/kg	306	19.1	1	08/26/22 10:00	08/29/22 12:49	91-20-3	
n-Propylbenzene	**<14.7**	ug/kg	61.2	14.7	1	08/26/22 10:00	08/29/22 12:49	103-65-1	
Styrene	**<15.7**	ug/kg	61.2	15.7	1	08/26/22 10:00	08/29/22 12:49	100-42-5	
1,1,1,2-Tetrachloroethane	**<14.7**	ug/kg	61.2	14.7	1	08/26/22 10:00	08/29/22 12:49	630-20-6	
1,1,2,2-Tetrachloroethane	**<22.2**	ug/kg	61.2	22.2	1	08/26/22 10:00	08/29/22 12:49	79-34-5	
Tetrachloroethene	**<23.8**	ug/kg	61.2	23.8	1	08/26/22 10:00	08/29/22 12:49	127-18-4	
Toluene	**<15.4**	ug/kg	61.2	15.4	1	08/26/22 10:00	08/29/22 12:49	108-88-3	
1,2,3-Trichlorobenzene	**<68.2**	ug/kg	306	68.2	1	08/26/22 10:00	08/29/22 12:49	87-61-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-14 (3'-4') **Lab ID: 40250229029** Collected: 08/19/22 13:30 Received: 08/23/22 08:10 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								
1,2,4-Trichlorobenzene	**<50.4**	ug/kg	306	50.4	1	08/26/22 10:00	08/29/22 12:49	120-82-1	
1,1,1-Trichloroethane	**<15.7**	ug/kg	61.2	15.7	1	08/26/22 10:00	08/29/22 12:49	71-55-6	
1,1,2-Trichloroethane	**<22.3**	ug/kg	61.2	22.3	1	08/26/22 10:00	08/29/22 12:49	79-00-5	
Trichloroethene	**<22.9**	ug/kg	61.2	22.9	1	08/26/22 10:00	08/29/22 12:49	79-01-6	
Trichlorofluoromethane	**<17.8**	ug/kg	61.2	17.8	1	08/26/22 10:00	08/29/22 12:49	75-69-4	
1,2,3-Trichloropropane	**<29.8**	ug/kg	61.2	29.8	1	08/26/22 10:00	08/29/22 12:49	96-18-4	
1,2,4-Trimethylbenzene	**25.3J**	ug/kg	61.2	18.2	1	08/26/22 10:00	08/29/22 12:49	95-63-6	
1,3,5-Trimethylbenzene	**<19.7**	ug/kg	61.2	19.7	1	08/26/22 10:00	08/29/22 12:49	108-67-8	
Vinyl chloride	**<12.4**	ug/kg	61.2	12.4	1	08/26/22 10:00	08/29/22 12:49	75-01-4	
Xylene (Total)	**<44.2**	ug/kg	184	44.2	1	08/26/22 10:00	08/29/22 12:49	1330-20-7	
m&p-Xylene	**41.7J**	ug/kg	122	25.8	1	08/26/22 10:00	08/29/22 12:49	179601-23-1	
o-Xylene	**<18.4**	ug/kg	61.2	18.4	1	08/26/22 10:00	08/29/22 12:49	95-47-6	
Surrogates									
Toluene-d8 (S)	126	%	69-153		1	08/26/22 10:00	08/29/22 12:49	2037-26-5	
4-Bromofluorobenzene (S)	146	%	68-156		1	08/26/22 10:00	08/29/22 12:49	460-00-4	
1,2-Dichlorobenzene-d4 (S)	137	%	71-161		1	08/26/22 10:00	08/29/22 12:49	2199-69-1	
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**9.2**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-15 (1'-2') **Lab ID: 40250229030** Collected: 08/19/22 13:40 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	11141-16-5	
PCB-1242 (Aroclor 1242)	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	12672-29-6	
PCB-1254 (Aroclor 1254)	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	11096-82-5	
PCB, Total	**<18.0**	ug/kg	59.0	18.0	1	08/24/22 07:03	08/25/22 13:04	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	56	%	50-99		1	08/24/22 07:03	08/25/22 13:04	877-09-8	
Decachlorobiphenyl (S)	61	%	38-95		1	08/24/22 07:03	08/25/22 13:04	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**3.8**	mg/kg	2.7	1.6	1	08/25/22 06:01	08/26/22 18:17	7440-38-2	
Barium	**80.4**	mg/kg	0.54	0.16	1	08/25/22 06:01	08/26/22 18:17	7440-39-3	
Cadmium	**<0.14**	mg/kg	0.54	0.14	1	08/25/22 06:01	08/26/22 18:17	7440-43-9	
Chromium	**9.6**	mg/kg	1.1	0.30	1	08/25/22 06:01	08/26/22 18:17	7440-47-3	
Lead	**84.7**	mg/kg	2.2	0.65	1	08/25/22 06:01	08/26/22 18:17	7439-92-1	
Selenium	**2.4J**	mg/kg	4.3	1.4	1	08/25/22 06:01	08/26/22 18:17	7782-49-2	
Silver	**<0.33**	mg/kg	1.1	0.33	1	08/25/22 06:01	08/26/22 18:17	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.050**	mg/kg	0.040	0.011	1	08/25/22 09:14	08/26/22 09:05	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**15.4**	%	0.10	0.10	1		08/25/22 12:35		

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Sample: PB-15 (4'-5') **Lab ID: 40250229031** Collected: 08/19/22 13:50 Received: 08/23/22 08:10 Matrix: Solid

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

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8082A GCS PCB	Analytical Method: EPA 8082A Preparation Method: EPA 3541 Pace Analytical Services - Green Bay								
PCB-1016 (Aroclor 1016)	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	12674-11-2	
PCB-1221 (Aroclor 1221)	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	11104-28-2	
PCB-1232 (Aroclor 1232)	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	11141-16-5	
PCB-1242 (Aroclor 1242)	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	53469-21-9	
PCB-1248 (Aroclor 1248)	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	12672-29-6	
PCB-1254 (Aroclor 1254)	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	11097-69-1	
PCB-1260 (Aroclor 1260)	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	11096-82-5	
PCB, Total	**<18.6**	ug/kg	61.2	18.6	1	08/24/22 07:03	08/25/22 13:26	1336-36-3	
Surrogates									
Tetrachloro-m-xylene (S)	62	%	50-99		1	08/24/22 07:03	08/25/22 13:26	877-09-8	
Decachlorobiphenyl (S)	66	%	38-95		1	08/24/22 07:03	08/25/22 13:26	2051-24-3	
6010D MET ICP	Analytical Method: EPA 6010D Preparation Method: EPA 3050B Pace Analytical Services - Green Bay								
Arsenic	**<1.7**	mg/kg	3.0	1.7	1	08/25/22 06:01	08/26/22 18:19	7440-38-2	
Barium	**32.9**	mg/kg	0.59	0.18	1	08/25/22 06:01	08/26/22 18:19	7440-39-3	
Cadmium	**<0.16**	mg/kg	0.59	0.16	1	08/25/22 06:01	08/26/22 18:19	7440-43-9	
Chromium	**11.4**	mg/kg	1.2	0.33	1	08/25/22 06:01	08/26/22 18:19	7440-47-3	
Lead	**39.3**	mg/kg	2.4	0.71	1	08/25/22 06:01	08/26/22 18:19	7439-92-1	
Selenium	**<1.6**	mg/kg	4.7	1.6	1	08/25/22 06:01	08/26/22 18:19	7782-49-2	
Silver	**<0.36**	mg/kg	1.2	0.36	1	08/25/22 06:01	08/26/22 18:19	7440-22-4	
7471 Mercury	Analytical Method: EPA 7471 Preparation Method: EPA 7471 Pace Analytical Services - Green Bay								
Mercury	**0.055**	mg/kg	0.038	0.011	1	08/25/22 09:14	08/26/22 09:08	7439-97-6	B
Percent Moisture	Analytical Method: ASTM D2974-87 Pace Analytical Services - Green Bay								
Percent Moisture	**18.3**	%	0.10	0.10	1		08/25/22 12:36		

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Green Bay, WI 54302
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QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424378
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229001, 40250229002, 40250229004, 40250229005, 40250229006, 40250229007, 40250229008, 40250229009, 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229016

METHOD BLANK: 2443793 Matrix: Solid
Associated Lab Samples: 40250229001, 40250229002, 40250229004, 40250229005, 40250229006, 40250229007, 40250229008, 40250229009, 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	<0.010	0.035	08/26/22 07:08	

LABORATORY CONTROL SAMPLE: 2443794

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.92	111	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2443795 2443796

Parameter	Units	40250215001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.029J	0.98	0.98	0.99	0.99	99	98	85-115	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424381
QC Batch Method: EPA 7471
Analysis Method: EPA 7471
Analysis Description: 7471 Mercury
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229017, 40250229018, 40250229019, 40250229020, 40250229021, 40250229022, 40250229023, 40250229024, 40250229025, 40250229026, 40250229027, 40250229028, 40250229029, 40250229030, 40250229031

METHOD BLANK: 2443805 Matrix: Solid
Associated Lab Samples: 40250229017, 40250229018, 40250229019, 40250229020, 40250229021, 40250229022, 40250229023, 40250229024, 40250229025, 40250229026, 40250229027, 40250229028, 40250229029, 40250229030, 40250229031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Mercury	mg/kg	0.014J	0.035	08/26/22 08:13	

LABORATORY CONTROL SAMPLE: 2443806

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/kg	0.83	0.90	108	85-115	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2443807 2443808

Parameter	Units	40250229017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/kg	0.057	0.99	1	1.1	1.0	101	96	85-115	5	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424240
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229022, 40250229023, 40250229024, 40250229025, 40250229026, 40250229027, 40250229028, 40250229029, 40250229030, 40250229031

METHOD BLANK: 2443047 Matrix: Solid
Associated Lab Samples: 40250229022, 40250229023, 40250229024, 40250229025, 40250229026, 40250229027, 40250229028, 40250229029, 40250229030, 40250229031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	08/29/22 20:40	
Barium	mg/kg	<0.15	0.50	08/29/22 20:40	
Cadmium	mg/kg	<0.13	0.50	08/29/22 20:40	
Chromium	mg/kg	<0.28	1.0	08/29/22 20:40	
Lead	mg/kg	<0.60	2.0	08/29/22 20:40	
Selenium	mg/kg	<1.3	4.0	08/29/22 20:40	
Silver	mg/kg	<0.31	1.0	08/29/22 20:40	

LABORATORY CONTROL SAMPLE: 2443048

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	24.1	96	80-120	
Barium	mg/kg	25	25.7	103	80-120	
Cadmium	mg/kg	25	25.4	102	80-120	
Chromium	mg/kg	25	25.4	102	80-120	
Lead	mg/kg	25	25.6	102	80-120	
Selenium	mg/kg	25	25.4	102	80-120	
Silver	mg/kg	12.5	12.4	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2443049 2443050

Parameter	Units	40250269003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	<1.5	24.9	24.9	23.5	23.3	94	94	75-125	1	20	
Barium	mg/kg	34.8	24.9	24.9	71.1	69.6	146	140	75-125	2	20	M0
Cadmium	mg/kg	0.17J	24.9	24.9	25.0	24.7	100	99	75-125	1	20	
Chromium	mg/kg	8.4	24.9	24.9	36.4	37.2	112	116	75-125	2	20	
Lead	mg/kg	2.1	24.9	24.9	27.5	26.7	102	99	75-125	3	20	
Selenium	mg/kg	<1.3	24.9	24.9	25.1	24.6	101	99	75-125	2	20	
Silver	mg/kg	<0.31	12.5	12.4	12.4	12.2	99	97	75-125	2	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424316
QC Batch Method: EPA 3050B
Analysis Method: EPA 6010D
Analysis Description: 6010D MET
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229001, 40250229002, 40250229004, 40250229005, 40250229006, 40250229007, 40250229008, 40250229009, 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229016, 40250229017, 40250229018, 40250229019, 40250229020, 40250229021

METHOD BLANK: 2443522 Matrix: Solid
Associated Lab Samples: 40250229001, 40250229002, 40250229004, 40250229005, 40250229006, 40250229007, 40250229008, 40250229009, 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229016, 40250229017, 40250229018, 40250229019, 40250229020, 40250229021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Arsenic	mg/kg	<1.5	2.5	08/26/22 15:53	
Barium	mg/kg	<0.15	0.50	08/26/22 15:53	
Cadmium	mg/kg	<0.13	0.50	08/26/22 15:53	
Chromium	mg/kg	<0.28	1.0	08/26/22 15:53	
Lead	mg/kg	<0.60	2.0	08/26/22 15:53	
Selenium	mg/kg	<1.3	4.0	08/26/22 15:53	
Silver	mg/kg	<0.31	1.0	08/26/22 15:53	

LABORATORY CONTROL SAMPLE: 2443523

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/kg	25	23.9	96	80-120	
Barium	mg/kg	25	24.0	96	80-120	
Cadmium	mg/kg	25	24.9	100	80-120	
Chromium	mg/kg	25	24.9	100	80-120	
Lead	mg/kg	25	25.5	102	80-120	
Selenium	mg/kg	25	25.3	101	80-120	
Silver	mg/kg	12.5	12.6	101	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2443524 2443525

Parameter	Units	40250229001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/kg	1.8J	27.4	27.5	32.6	29.8	113	102	75-125	9	20	
Barium	mg/kg	53.1	27.4	27.5	77.5	101	89	176	75-125	27	20	M0,R1
Cadmium	mg/kg	0.58	27.4	27.5	28.5	28.6	102	102	75-125	0	20	
Chromium	mg/kg	11.4	27.4	27.5	40.8	43.4	107	117	75-125	6	20	
Lead	mg/kg	270	27.4	27.5	120	164	-548	-387	75-125	31	20	P6,R1
Selenium	mg/kg	<1.4	27.4	27.5	28.0	27.4	102	100	75-125	2	20	
Silver	mg/kg	<0.34	13.7	13.7	14.8	14.6	106	104	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(920)469-2436

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424392
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: 40250229001, 40250229002

METHOD BLANK: 2443913 Matrix: Solid
Associated Lab Samples: 40250229001, 40250229002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	08/25/22 09:39	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	08/25/22 09:39	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	08/25/22 09:39	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	08/25/22 09:39	
1,1-Dichloroethane	ug/kg	<12.8	50.0	08/25/22 09:39	
1,1-Dichloroethene	ug/kg	<16.6	50.0	08/25/22 09:39	
1,1-Dichloropropene	ug/kg	<16.2	50.0	08/25/22 09:39	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	08/25/22 09:39	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	08/25/22 09:39	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	08/25/22 09:39	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	08/25/22 09:39	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	08/25/22 09:39	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	08/25/22 09:39	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	08/25/22 09:39	
1,2-Dichloroethane	ug/kg	<11.5	50.0	08/25/22 09:39	
1,2-Dichloropropane	ug/kg	<11.9	50.0	08/25/22 09:39	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	08/25/22 09:39	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	08/25/22 09:39	
1,3-Dichloropropane	ug/kg	<10.9	50.0	08/25/22 09:39	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	08/25/22 09:39	
2,2-Dichloropropane	ug/kg	<13.5	50.0	08/25/22 09:39	
2-Chlorotoluene	ug/kg	<16.2	50.0	08/25/22 09:39	
4-Chlorotoluene	ug/kg	<19.0	50.0	08/25/22 09:39	
Benzene	ug/kg	<11.9	20.0	08/25/22 09:39	
Bromobenzene	ug/kg	<19.5	50.0	08/25/22 09:39	
Bromochloromethane	ug/kg	<13.7	50.0	08/25/22 09:39	
Bromodichloromethane	ug/kg	<11.9	50.0	08/25/22 09:39	
Bromoform	ug/kg	<220	250	08/25/22 09:39	
Bromomethane	ug/kg	<70.1	250	08/25/22 09:39	
Carbon tetrachloride	ug/kg	<11.0	50.0	08/25/22 09:39	
Chlorobenzene	ug/kg	<6.0	50.0	08/25/22 09:39	
Chloroethane	ug/kg	<21.1	250	08/25/22 09:39	
Chloroform	ug/kg	<35.8	250	08/25/22 09:39	
Chloromethane	ug/kg	<19.0	50.0	08/25/22 09:39	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	08/25/22 09:39	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	08/25/22 09:39	
Dibromochloromethane	ug/kg	<171	250	08/25/22 09:39	
Dibromomethane	ug/kg	<14.8	50.0	08/25/22 09:39	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	08/25/22 09:39	
Diisopropyl ether	ug/kg	<12.4	50.0	08/25/22 09:39	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

METHOD BLANK: 2443913 Matrix: Solid
Associated Lab Samples: 40250229001, 40250229002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	08/25/22 09:39	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	08/25/22 09:39	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	08/25/22 09:39	
m&p-Xylene	ug/kg	<21.1	100	08/25/22 09:39	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	08/25/22 09:39	
Methylene Chloride	ug/kg	<13.9	50.0	08/25/22 09:39	
n-Butylbenzene	ug/kg	<22.9	50.0	08/25/22 09:39	
n-Propylbenzene	ug/kg	<12.0	50.0	08/25/22 09:39	
Naphthalene	ug/kg	<15.6	250	08/25/22 09:39	
o-Xylene	ug/kg	<15.0	50.0	08/25/22 09:39	
p-Isopropyltoluene	ug/kg	<15.2	50.0	08/25/22 09:39	
sec-Butylbenzene	ug/kg	<12.2	50.0	08/25/22 09:39	
Styrene	ug/kg	<12.8	50.0	08/25/22 09:39	
tert-Butylbenzene	ug/kg	<15.7	50.0	08/25/22 09:39	
Tetrachloroethene	ug/kg	<19.4	50.0	08/25/22 09:39	
Toluene	ug/kg	<12.6	50.0	08/25/22 09:39	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	08/25/22 09:39	
trans-1,3-Dichloropropene	ug/kg	<143	250	08/25/22 09:39	
Trichloroethene	ug/kg	<18.7	50.0	08/25/22 09:39	
Trichlorofluoromethane	ug/kg	<14.5	50.0	08/25/22 09:39	
Vinyl chloride	ug/kg	<10.1	50.0	08/25/22 09:39	
Xylene (Total)	ug/kg	<36.1	150	08/25/22 09:39	
1,2-Dichlorobenzene-d4 (S)	%	106	71-161	08/25/22 09:39	
4-Bromofluorobenzene (S)	%	112	68-156	08/25/22 09:39	
Toluene-d8 (S)	%	111	69-153	08/25/22 09:39	

LABORATORY CONTROL SAMPLE: 2443914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2570	103	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2730	109	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2630	105	70-130	
1,1-Dichloroethane	ug/kg	2500	2530	101	70-130	
1,1-Dichloroethene	ug/kg	2500	2410	97	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2540	102	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2490	100	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2590	104	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2700	108	70-130	
1,2-Dichloroethane	ug/kg	2500	2520	101	70-130	
1,2-Dichloropropane	ug/kg	2500	2490	100	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2690	108	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2610	104	70-130	
Benzene	ug/kg	2500	2550	102	70-130	
Bromodichloromethane	ug/kg	2500	2510	100	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

LABORATORY CONTROL SAMPLE: 2443914

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2590	104	60-130	
Bromomethane	ug/kg	2500	1820	73	45-153	
Carbon tetrachloride	ug/kg	2500	2600	104	70-130	
Chlorobenzene	ug/kg	2500	2670	107	70-130	
Chloroethane	ug/kg	2500	1710	68	55-160	
Chloroform	ug/kg	2500	2470	99	80-120	
Chloromethane	ug/kg	2500	2070	83	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2460	98	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2510	100	70-130	
Dibromochloromethane	ug/kg	2500	2500	100	70-130	
Dichlorodifluoromethane	ug/kg	2500	1380	55	16-83	
Ethylbenzene	ug/kg	2500	2610	104	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2540	102	70-130	
m&p-Xylene	ug/kg	5000	5080	102	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2550	102	65-130	
Methylene Chloride	ug/kg	2500	2500	100	70-130	
o-Xylene	ug/kg	2500	2540	102	70-130	
Styrene	ug/kg	2500	2590	104	70-130	
Tetrachloroethene	ug/kg	2500	2630	105	70-130	
Toluene	ug/kg	2500	2620	105	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2500	100	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2520	101	70-130	
Trichloroethene	ug/kg	2500	2590	104	70-130	
Trichlorofluoromethane	ug/kg	2500	2150	86	70-130	
Vinyl chloride	ug/kg	2500	2260	90	59-114	
Xylene (Total)	ug/kg	7500	7620	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			103	71-161	
4-Bromofluorobenzene (S)	%			115	68-156	
Toluene-d8 (S)	%			112	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2443915 2443916

Parameter	Units	40250138009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<17.1	1330	1330	1120	1100	84	83	69-130	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<24.1	1330	1330	1490	1420	111	106	70-130	5	20	
1,1,2-Trichloroethane	ug/kg	<24.3	1330	1330	1330	1330	100	100	70-130	0	20	
1,1-Dichloroethane	ug/kg	<17.1	1330	1330	1300	1240	97	93	70-130	4	20	
1,1-Dichloroethene	ug/kg	<22.1	1330	1330	1080	1080	81	81	55-120	0	22	
1,2,4-Trichlorobenzene	ug/kg	<55.0	1330	1330	1530	1460	114	109	67-130	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	<51.8	1330	1330	1310	1230	98	92	70-130	6	22	
1,2-Dibromoethane (EDB)	ug/kg	<18.3	1330	1330	1320	1320	99	99	70-130	0	20	
1,2-Dichlorobenzene	ug/kg	<20.7	1330	1330	1450	1400	109	105	70-130	4	20	
1,2-Dichloroethane	ug/kg	<15.3	1330	1330	1280	1280	96	96	70-130	0	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2443915 2443916

Parameter	Units	40250138009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<15.9	1330	1330	1280	1250	96	94	80-123	2	20	
1,3-Dichlorobenzene	ug/kg	<18.3	1330	1330	1420	1370	107	103	70-130	4	20	
1,4-Dichlorobenzene	ug/kg	<18.3	1330	1330	1300	1270	97	95	70-130	2	20	
Benzene	ug/kg	<15.9	1330	1330	1320	1300	99	97	70-130	2	20	
Bromodichloromethane	ug/kg	<15.9	1330	1330	1230	1210	92	90	70-130	2	20	
Bromoform	ug/kg	<294	1330	1330	1200	1220	90	92	60-130	2	20	
Bromomethane	ug/kg	<93.5	1330	1330	926	892	69	67	38-153	4	20	
Carbon tetrachloride	ug/kg	<14.7	1330	1330	1090	1030	82	77	62-130	6	20	
Chlorobenzene	ug/kg	<8.0	1330	1330	1330	1310	100	98	70-130	2	20	
Chloroethane	ug/kg	<28.2	1330	1330	862	865	65	65	53-160	0	24	
Chloroform	ug/kg	<47.8	1330	1330	1280	1250	96	93	80-120	2	20	
Chloromethane	ug/kg	<25.3	1330	1330	885	815	66	61	10-130	8	20	
cis-1,2-Dichloroethene	ug/kg	<14.3	1330	1330	1260	1280	94	96	70-130	2	20	
cis-1,3-Dichloropropene	ug/kg	<44.0	1330	1330	1220	1200	92	90	70-130	2	20	
Dibromochloromethane	ug/kg	<228	1330	1330	1190	1200	89	90	70-130	1	20	
Dichlorodifluoromethane	ug/kg	<28.7	1330	1330	337	322	25	24	10-83	5	31	
Ethylbenzene	ug/kg	<15.9	1330	1330	1260	1230	94	92	80-120	2	20	
Isopropylbenzene (Cumene)	ug/kg	<18.0	1330	1330	1250	1190	94	89	70-130	5	20	
m&p-Xylene	ug/kg	<28.2	2670	2670	2520	2490	95	93	70-130	1	20	
Methyl-tert-butyl ether	ug/kg	<19.6	1330	1330	1350	1310	101	98	66-130	3	20	
Methylene Chloride	ug/kg	<18.5	1330	1330	1320	1310	99	98	70-130	1	20	
o-Xylene	ug/kg	<20.0	1330	1330	1260	1280	94	96	70-130	2	20	
Styrene	ug/kg	<17.1	1330	1330	1280	1240	96	93	70-130	3	20	
Tetrachloroethene	ug/kg	<25.9	1330	1330	1250	1150	93	86	69-130	8	20	
Toluene	ug/kg	<16.8	1330	1330	1290	1280	97	96	79-120	1	20	
trans-1,2-Dichloroethene	ug/kg	<14.4	1330	1330	1250	1210	93	90	70-130	3	20	
trans-1,3-Dichloropropene	ug/kg	<191	1330	1330	1240	1200	93	90	69-130	4	20	
Trichloroethene	ug/kg	<24.9	1330	1330	1280	1230	96	92	70-130	4	20	
Trichlorofluoromethane	ug/kg	<19.3	1330	1330	801	762	60	57	50-130	5	22	
Vinyl chloride	ug/kg	<13.5	1330	1330	885	833	66	62	26-114	6	20	
Xylene (Total)	ug/kg	<48.2	4000	4000	3780	3760	94	94	70-130	0	20	
1,2-Dichlorobenzene-d4 (S)	%						124	124	71-161			
4-Bromofluorobenzene (S)	%						136	135	68-156			
Toluene-d8 (S)	%						132	129	69-153			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424500 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229003, 40250229004, 40250229005, 40250229006, 40250229007

METHOD BLANK: 2444476 Matrix: Solid
Associated Lab Samples: 40250229003, 40250229004, 40250229005, 40250229006, 40250229007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	08/26/22 10:29	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	08/26/22 10:29	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	08/26/22 10:29	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	08/26/22 10:29	
1,1-Dichloroethane	ug/kg	<12.8	50.0	08/26/22 10:29	
1,1-Dichloroethene	ug/kg	<16.6	50.0	08/26/22 10:29	
1,1-Dichloropropene	ug/kg	<16.2	50.0	08/26/22 10:29	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	08/26/22 10:29	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	08/26/22 10:29	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	08/26/22 10:29	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	08/26/22 10:29	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	08/26/22 10:29	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	08/26/22 10:29	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	08/26/22 10:29	
1,2-Dichloroethane	ug/kg	<11.5	50.0	08/26/22 10:29	
1,2-Dichloropropane	ug/kg	<11.9	50.0	08/26/22 10:29	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	08/26/22 10:29	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	08/26/22 10:29	
1,3-Dichloropropane	ug/kg	<10.9	50.0	08/26/22 10:29	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	08/26/22 10:29	
2,2-Dichloropropane	ug/kg	<13.5	50.0	08/26/22 10:29	
2-Chlorotoluene	ug/kg	<16.2	50.0	08/26/22 10:29	
4-Chlorotoluene	ug/kg	<19.0	50.0	08/26/22 10:29	
Benzene	ug/kg	<11.9	20.0	08/26/22 10:29	
Bromobenzene	ug/kg	<19.5	50.0	08/26/22 10:29	
Bromochloromethane	ug/kg	<13.7	50.0	08/26/22 10:29	
Bromodichloromethane	ug/kg	<11.9	50.0	08/26/22 10:29	
Bromoform	ug/kg	<220	250	08/26/22 10:29	
Bromomethane	ug/kg	<70.1	250	08/26/22 10:29	
Carbon tetrachloride	ug/kg	<11.0	50.0	08/26/22 10:29	
Chlorobenzene	ug/kg	<6.0	50.0	08/26/22 10:29	
Chloroethane	ug/kg	<21.1	250	08/26/22 10:29	
Chloroform	ug/kg	<35.8	250	08/26/22 10:29	
Chloromethane	ug/kg	<19.0	50.0	08/26/22 10:29	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	08/26/22 10:29	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	08/26/22 10:29	
Dibromochloromethane	ug/kg	<171	250	08/26/22 10:29	
Dibromomethane	ug/kg	<14.8	50.0	08/26/22 10:29	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	08/26/22 10:29	
Diisopropyl ether	ug/kg	<12.4	50.0	08/26/22 10:29	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

METHOD BLANK: 2444476 Matrix: Solid
Associated Lab Samples: 40250229003, 40250229004, 40250229005, 40250229006, 40250229007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Ethylbenzene	ug/kg	<11.9	50.0	08/26/22 10:29	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	08/26/22 10:29	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	08/26/22 10:29	
m&p-Xylene	ug/kg	<21.1	100	08/26/22 10:29	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	08/26/22 10:29	
Methylene Chloride	ug/kg	<13.9	50.0	08/26/22 10:29	
n-Butylbenzene	ug/kg	<22.9	50.0	08/26/22 10:29	
n-Propylbenzene	ug/kg	<12.0	50.0	08/26/22 10:29	
Naphthalene	ug/kg	<15.6	250	08/26/22 10:29	
o-Xylene	ug/kg	<15.0	50.0	08/26/22 10:29	
p-Isopropyltoluene	ug/kg	<15.2	50.0	08/26/22 10:29	
sec-Butylbenzene	ug/kg	<12.2	50.0	08/26/22 10:29	
Styrene	ug/kg	<12.8	50.0	08/26/22 10:29	
tert-Butylbenzene	ug/kg	<15.7	50.0	08/26/22 10:29	
Tetrachloroethene	ug/kg	<19.4	50.0	08/26/22 10:29	
Toluene	ug/kg	<12.6	50.0	08/26/22 10:29	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	08/26/22 10:29	
trans-1,3-Dichloropropene	ug/kg	<143	250	08/26/22 10:29	
Trichloroethene	ug/kg	<18.7	50.0	08/26/22 10:29	
Trichlorofluoromethane	ug/kg	<14.5	50.0	08/26/22 10:29	
Vinyl chloride	ug/kg	<10.1	50.0	08/26/22 10:29	
Xylene (Total)	ug/kg	<36.1	150	08/26/22 10:29	
1,2-Dichlorobenzene-d4 (S)	%	102	71-161	08/26/22 10:29	
4-Bromofluorobenzene (S)	%	108	68-156	08/26/22 10:29	
Toluene-d8 (S)	%	108	69-153	08/26/22 10:29	

LABORATORY CONTROL SAMPLE: 2444477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2710	108	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2630	105	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2650	106	70-130	
1,1-Dichloroethane	ug/kg	2500	2640	105	70-130	
1,1-Dichloroethene	ug/kg	2500	2600	104	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2450	98	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2330	93	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2540	101	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2640	106	70-130	
1,2-Dichloroethane	ug/kg	2500	2640	105	70-130	
1,2-Dichloropropane	ug/kg	2500	2600	104	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2660	106	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2600	104	70-130	
Benzene	ug/kg	2500	2650	106	70-130	
Bromodichloromethane	ug/kg	2500	2640	106	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

LABORATORY CONTROL SAMPLE: 2444477

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Bromoform	ug/kg	2500	2560	103	60-130	
Bromomethane	ug/kg	2500	1930	77	45-153	
Carbon tetrachloride	ug/kg	2500	2830	113	70-130	
Chlorobenzene	ug/kg	2500	2700	108	70-130	
Chloroethane	ug/kg	2500	1770	71	55-160	
Chloroform	ug/kg	2500	2560	103	80-120	
Chloromethane	ug/kg	2500	2040	82	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2590	103	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2520	101	70-130	
Dibromochloromethane	ug/kg	2500	2490	99	70-130	
Dichlorodifluoromethane	ug/kg	2500	1380	55	16-83	
Ethylbenzene	ug/kg	2500	2800	112	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2840	114	70-130	
m&p-Xylene	ug/kg	5000	5790	116	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2560	102	65-130	
Methylene Chloride	ug/kg	2500	2620	105	70-130	
o-Xylene	ug/kg	2500	2800	112	70-130	
Styrene	ug/kg	2500	2830	113	70-130	
Tetrachloroethene	ug/kg	2500	2520	101	70-130	
Toluene	ug/kg	2500	2480	99	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2610	105	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2520	101	70-130	
Trichloroethene	ug/kg	2500	2700	108	70-130	
Trichlorofluoromethane	ug/kg	2500	2440	98	70-130	
Vinyl chloride	ug/kg	2500	2330	93	59-114	
Xylene (Total)	ug/kg	7500	8590	115	70-130	
1,2-Dichlorobenzene-d4 (S)	%			107	71-161	
4-Bromofluorobenzene (S)	%			116	68-156	
Toluene-d8 (S)	%			109	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2444478 2444479

Parameter	Units	40250090005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<18.5	1440	1440	1210	1190	84	82	69-130	2	20	
1,1,2,2-Tetrachloroethane	ug/kg	<26.1	1440	1440	1630	1520	113	105	70-130	7	20	
1,1,2-Trichloroethane	ug/kg	<26.3	1440	1440	1560	1430	108	99	70-130	9	20	
1,1-Dichloroethane	ug/kg	<18.5	1440	1440	1370	1360	95	94	70-130	1	20	
1,1-Dichloroethene	ug/kg	<24.0	1440	1440	1200	1040	83	72	55-120	14	22	
1,2,4-Trichlorobenzene	ug/kg	<59.5	1440	1440	1780	1610	123	112	67-130	10	20	
1,2-Dibromo-3-chloropropane	ug/kg	<56.0	1440	1440	1480	1410	102	98	70-130	4	22	
1,2-Dibromoethane (EDB)	ug/kg	<19.8	1440	1440	1420	1400	99	97	70-130	2	20	
1,2-Dichlorobenzene	ug/kg	<22.4	1440	1440	1690	1560	117	108	70-130	8	20	
1,2-Dichloroethane	ug/kg	<16.6	1440	1440	1400	1410	97	97	70-130	1	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2444478 2444479

Parameter	Units	40250090005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichloropropane	ug/kg	<17.2	1440	1440	1360	1360	94	94	80-123	0	20	
1,3-Dichlorobenzene	ug/kg	<19.8	1440	1440	1600	1520	111	105	70-130	5	20	
1,4-Dichlorobenzene	ug/kg	<19.8	1440	1440	1540	1400	107	97	70-130	9	20	
Benzene	ug/kg	<17.2	1440	1440	1410	1410	98	98	70-130	0	20	
Bromodichloromethane	ug/kg	<17.2	1440	1440	1340	1330	93	92	70-130	1	20	
Bromoform	ug/kg	<318	1440	1440	1350	1290	94	89	60-130	5	20	
Bromomethane	ug/kg	<101	1440	1440	969	959	67	66	38-153	1	20	
Carbon tetrachloride	ug/kg	<15.9	1440	1440	1200	1140	83	79	62-130	5	20	
Chlorobenzene	ug/kg	<8.6	1440	1440	1480	1450	102	101	70-130	1	20	
Chloroethane	ug/kg	<30.5	1440	1440	824	970	57	67	53-160	16	24	
Chloroform	ug/kg	<51.7	1440	1440	1370	1310	95	91	80-120	4	20	
Chloromethane	ug/kg	<27.4	1440	1440	854	855	59	59	10-130	0	20	
cis-1,2-Dichloroethene	ug/kg	<15.4	1440	1440	1340	1290	93	89	70-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<47.6	1440	1440	1270	1290	88	89	70-130	2	20	
Dibromochloromethane	ug/kg	<247	1440	1440	1350	1320	94	91	70-130	3	20	
Dichlorodifluoromethane	ug/kg	<31.0	1440	1440	341	325	24	22	10-83	5	31	
Ethylbenzene	ug/kg	18.8J	1440	1440	1400	1370	96	93	80-120	2	20	
Isopropylbenzene (Cumene)	ug/kg	<19.5	1440	1440	1430	1320	99	92	70-130	8	20	
m&p-Xylene	ug/kg	41.1J	2880	2880	2830	2700	97	92	70-130	5	20	
Methyl-tert-butyl ether	ug/kg	<21.2	1440	1440	1430	1410	99	97	66-130	2	20	
Methylene Chloride	ug/kg	<20.1	1440	1440	1400	1400	97	97	70-130	0	20	
o-Xylene	ug/kg	<21.7	1440	1440	1440	1390	100	96	70-130	3	20	
Styrene	ug/kg	<18.5	1440	1440	1420	1360	98	94	70-130	5	20	
Tetrachloroethene	ug/kg	<28.0	1440	1440	1350	1260	93	88	69-130	6	20	
Toluene	ug/kg	<18.2	1440	1440	1410	1400	97	97	79-120	0	20	
trans-1,2-Dichloroethene	ug/kg	<15.6	1440	1440	1320	1320	91	92	70-130	1	20	
trans-1,3-Dichloropropene	ug/kg	<206	1440	1440	1290	1280	89	89	69-130	1	20	
Trichloroethene	ug/kg	<27.0	1440	1440	1350	1300	94	90	70-130	4	20	
Trichlorofluoromethane	ug/kg	<20.9	1440	1440	934	824	65	57	50-130	13	22	
Vinyl chloride	ug/kg	<14.6	1440	1440	921	889	64	62	26-114	4	20	
Xylene (Total)	ug/kg	<52.1	4320	4320	4270	4100	98	94	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						125	124	71-161			
4-Bromofluorobenzene (S)	%						135	135	68-156			
Toluene-d8 (S)	%						130	130	69-153			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424525
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: 40250229008, 40250229009, 40250229016, 40250229017, 40250229018, 40250229019, 40250229020, 40250229021, 40250229022, 40250229023, 40250229028, 40250229029

METHOD BLANK: 2444649
Matrix: Solid
Associated Lab Samples: 40250229008, 40250229009, 40250229016, 40250229017, 40250229018, 40250229019, 40250229020, 40250229021, 40250229022, 40250229023, 40250229028, 40250229029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<12.0	50.0	08/26/22 10:29	
1,1,1-Trichloroethane	ug/kg	<12.8	50.0	08/26/22 10:29	
1,1,2,2-Tetrachloroethane	ug/kg	<18.1	50.0	08/26/22 10:29	
1,1,2-Trichloroethane	ug/kg	<18.2	50.0	08/26/22 10:29	
1,1-Dichloroethane	ug/kg	<12.8	50.0	08/26/22 10:29	
1,1-Dichloroethene	ug/kg	<16.6	50.0	08/26/22 10:29	
1,1-Dichloropropene	ug/kg	<16.2	50.0	08/26/22 10:29	
1,2,3-Trichlorobenzene	ug/kg	<55.7	250	08/26/22 10:29	
1,2,3-Trichloropropane	ug/kg	<24.3	50.0	08/26/22 10:29	
1,2,4-Trichlorobenzene	ug/kg	<41.2	250	08/26/22 10:29	
1,2,4-Trimethylbenzene	ug/kg	<14.9	50.0	08/26/22 10:29	
1,2-Dibromo-3-chloropropane	ug/kg	<38.8	250	08/26/22 10:29	
1,2-Dibromoethane (EDB)	ug/kg	<13.7	50.0	08/26/22 10:29	
1,2-Dichlorobenzene	ug/kg	<15.5	50.0	08/26/22 10:29	
1,2-Dichloroethane	ug/kg	<11.5	50.0	08/26/22 10:29	
1,2-Dichloropropane	ug/kg	<11.9	50.0	08/26/22 10:29	
1,3,5-Trimethylbenzene	ug/kg	<16.1	50.0	08/26/22 10:29	
1,3-Dichlorobenzene	ug/kg	<13.7	50.0	08/26/22 10:29	
1,3-Dichloropropane	ug/kg	<10.9	50.0	08/26/22 10:29	
1,4-Dichlorobenzene	ug/kg	<13.7	50.0	08/26/22 10:29	
2,2-Dichloropropane	ug/kg	<13.5	50.0	08/26/22 10:29	
2-Chlorotoluene	ug/kg	<16.2	50.0	08/26/22 10:29	
4-Chlorotoluene	ug/kg	<19.0	50.0	08/26/22 10:29	
Benzene	ug/kg	<11.9	20.0	08/26/22 10:29	
Bromobenzene	ug/kg	<19.5	50.0	08/26/22 10:29	
Bromochloromethane	ug/kg	<13.7	50.0	08/26/22 10:29	
Bromodichloromethane	ug/kg	<11.9	50.0	08/26/22 10:29	
Bromoform	ug/kg	<220	250	08/26/22 10:29	
Bromomethane	ug/kg	<70.1	250	08/26/22 10:29	
Carbon tetrachloride	ug/kg	<11.0	50.0	08/26/22 10:29	
Chlorobenzene	ug/kg	<6.0	50.0	08/26/22 10:29	
Chloroethane	ug/kg	<21.1	250	08/26/22 10:29	
Chloroform	ug/kg	<35.8	250	08/26/22 10:29	
Chloromethane	ug/kg	<19.0	50.0	08/26/22 10:29	
cis-1,2-Dichloroethene	ug/kg	<10.7	50.0	08/26/22 10:29	
cis-1,3-Dichloropropene	ug/kg	<33.0	250	08/26/22 10:29	
Dibromochloromethane	ug/kg	<171	250	08/26/22 10:29	
Dibromomethane	ug/kg	<14.8	50.0	08/26/22 10:29	
Dichlorodifluoromethane	ug/kg	<21.5	50.0	08/26/22 10:29	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

METHOD BLANK: 2444649 Matrix: Solid

Associated Lab Samples: 40250229008, 40250229009, 40250229016, 40250229017, 40250229018, 40250229019, 40250229020, 40250229021, 40250229022, 40250229023, 40250229028, 40250229029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	<12.4	50.0	08/26/22 10:29	
Ethylbenzene	ug/kg	<11.9	50.0	08/26/22 10:29	
Hexachloro-1,3-butadiene	ug/kg	<99.4	250	08/26/22 10:29	
Isopropylbenzene (Cumene)	ug/kg	<13.5	50.0	08/26/22 10:29	
m&p-Xylene	ug/kg	<21.1	100	08/26/22 10:29	
Methyl-tert-butyl ether	ug/kg	<14.7	50.0	08/26/22 10:29	
Methylene Chloride	ug/kg	<13.9	50.0	08/26/22 10:29	
n-Butylbenzene	ug/kg	<22.9	50.0	08/26/22 10:29	
n-Propylbenzene	ug/kg	<12.0	50.0	08/26/22 10:29	
Naphthalene	ug/kg	<15.6	250	08/26/22 10:29	
o-Xylene	ug/kg	<15.0	50.0	08/26/22 10:29	
p-Isopropyltoluene	ug/kg	<15.2	50.0	08/26/22 10:29	
sec-Butylbenzene	ug/kg	<12.2	50.0	08/26/22 10:29	
Styrene	ug/kg	<12.8	50.0	08/26/22 10:29	
tert-Butylbenzene	ug/kg	<15.7	50.0	08/26/22 10:29	
Tetrachloroethene	ug/kg	<19.4	50.0	08/26/22 10:29	
Toluene	ug/kg	<12.6	50.0	08/26/22 10:29	
trans-1,2-Dichloroethene	ug/kg	<10.8	50.0	08/26/22 10:29	
trans-1,3-Dichloropropene	ug/kg	<143	250	08/26/22 10:29	
Trichloroethene	ug/kg	<18.7	50.0	08/26/22 10:29	
Trichlorofluoromethane	ug/kg	<14.5	50.0	08/26/22 10:29	
Vinyl chloride	ug/kg	<10.1	50.0	08/26/22 10:29	
Xylene (Total)	ug/kg	<36.1	150	08/26/22 10:29	
1,2-Dichlorobenzene-d4 (S)	%	117	71-161	08/26/22 10:29	
4-Bromofluorobenzene (S)	%	127	68-156	08/26/22 10:29	
Toluene-d8 (S)	%	103	69-153	08/26/22 10:29	

LABORATORY CONTROL SAMPLE: 2444650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2550	102	70-130	
1,1,2,2-Tetrachloroethane	ug/kg	2500	3060	123	70-130	
1,1,2-Trichloroethane	ug/kg	2500	2670	107	70-130	
1,1-Dichloroethane	ug/kg	2500	2700	108	70-130	
1,1-Dichloroethene	ug/kg	2500	2430	97	77-120	
1,2,4-Trichlorobenzene	ug/kg	2500	2550	102	67-130	
1,2-Dibromo-3-chloropropane	ug/kg	2500	3170	127	70-130	
1,2-Dibromoethane (EDB)	ug/kg	2500	2650	106	70-130	
1,2-Dichlorobenzene	ug/kg	2500	2910	117	70-130	
1,2-Dichloroethane	ug/kg	2500	2930	117	70-130	
1,2-Dichloropropane	ug/kg	2500	2700	108	80-123	
1,3-Dichlorobenzene	ug/kg	2500	2770	111	70-130	
1,4-Dichlorobenzene	ug/kg	2500	2730	109	70-130	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

LABORATORY CONTROL SAMPLE: 2444650

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/kg	2500	2450	98	70-130	
Bromodichloromethane	ug/kg	2500	2560	102	70-130	
Bromoform	ug/kg	2500	2350	94	60-130	
Bromomethane	ug/kg	2500	3010	121	45-153	
Carbon tetrachloride	ug/kg	2500	2720	109	70-130	
Chlorobenzene	ug/kg	2500	2510	100	70-130	
Chloroethane	ug/kg	2500	3250	130	55-160	
Chloroform	ug/kg	2500	2780	111	80-120	
Chloromethane	ug/kg	2500	2050	82	47-130	
cis-1,2-Dichloroethene	ug/kg	2500	2530	101	70-130	
cis-1,3-Dichloropropene	ug/kg	2500	2490	100	70-130	
Dibromochloromethane	ug/kg	2500	2550	102	70-130	
Dichlorodifluoromethane	ug/kg	2500	1350	54	16-83	
Ethylbenzene	ug/kg	2500	2540	101	80-120	
Isopropylbenzene (Cumene)	ug/kg	2500	2560	102	70-130	
m&p-Xylene	ug/kg	5000	5140	103	70-130	
Methyl-tert-butyl ether	ug/kg	2500	2280	91	65-130	
Methylene Chloride	ug/kg	2500	2640	105	70-130	
o-Xylene	ug/kg	2500	2540	101	70-130	
Styrene	ug/kg	2500	2680	107	70-130	
Tetrachloroethene	ug/kg	2500	2430	97	70-130	
Toluene	ug/kg	2500	2520	101	80-120	
trans-1,2-Dichloroethene	ug/kg	2500	2560	102	70-130	
trans-1,3-Dichloropropene	ug/kg	2500	2460	98	70-130	
Trichloroethene	ug/kg	2500	2600	104	70-130	
Trichlorofluoromethane	ug/kg	2500	2580	103	70-130	
Vinyl chloride	ug/kg	2500	2250	90	59-114	
Xylene (Total)	ug/kg	7500	7680	102	70-130	
1,2-Dichlorobenzene-d4 (S)	%			115	71-161	
4-Bromofluorobenzene (S)	%			128	68-156	
Toluene-d8 (S)	%			105	69-153	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2444651 2444652

Parameter	Units	40250229017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1-Trichloroethane	ug/kg	<18.1	1410	1410	1260	1120	89	79	69-130	12	20	
1,1,2,2-Tetrachloroethane	ug/kg	<25.6	1410	1410	1630	1600	115	113	70-130	2	20	
1,1,2-Trichloroethane	ug/kg	<25.8	1410	1410	1450	1410	103	100	70-130	3	20	
1,1-Dichloroethane	ug/kg	<18.1	1410	1410	1410	1360	99	96	70-130	3	20	
1,1-Dichloroethene	ug/kg	<23.5	1410	1410	1150	1090	81	77	55-120	6	22	
1,2,4-Trichlorobenzene	ug/kg	<58.4	1410	1410	1390	1340	98	95	67-130	3	20	
1,2-Dibromo-3-chloropropane	ug/kg	<55.0	1410	1410	1620	1730	114	122	70-130	7	22	
1,2-Dibromoethane (EDB)	ug/kg	<19.4	1410	1410	1470	1410	104	100	70-130	4	20	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2444651 2444652

Parameter	Units	40250229017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2-Dichlorobenzene	ug/kg	<22.0	1410	1410	1540	1490	109	105	70-130	3	20	
1,2-Dichloroethane	ug/kg	<16.3	1410	1410	1590	1580	112	112	70-130	0	20	
1,2-Dichloropropane	ug/kg	<16.9	1410	1410	1490	1410	105	99	80-123	6	20	
1,3-Dichlorobenzene	ug/kg	<19.4	1410	1410	1460	1380	103	98	70-130	5	20	
1,4-Dichlorobenzene	ug/kg	<19.4	1410	1410	1340	1350	95	95	70-130	0	20	
Benzene	ug/kg	<16.9	1410	1410	1340	1260	95	89	70-130	6	20	
Bromodichloromethane	ug/kg	<16.9	1410	1410	1320	1310	93	92	70-130	1	20	
Bromoform	ug/kg	<312	1410	1410	1170	1110	83	78	60-130	5	20	
Bromomethane	ug/kg	<99.3	1410	1410	1570	1590	111	112	38-153	1	20	
Carbon tetrachloride	ug/kg	<15.6	1410	1410	1030	1040	73	73	62-130	1	20	
Chlorobenzene	ug/kg	<8.5	1410	1410	1380	1340	98	95	70-130	3	20	
Chloroethane	ug/kg	<29.9	1410	1410	1720	1640	122	116	53-160	5	24	
Chloroform	ug/kg	<50.7	1410	1410	1500	1520	106	108	80-120	1	20	
Chloromethane	ug/kg	<26.9	1410	1410	937	883	66	62	10-130	6	20	
cis-1,2-Dichloroethene	ug/kg	<15.2	1410	1410	1330	1270	94	90	70-130	4	20	
cis-1,3-Dichloropropene	ug/kg	<46.7	1410	1410	1270	1240	89	88	70-130	2	20	
Dibromochloromethane	ug/kg	<242	1410	1410	1320	1250	93	88	70-130	5	20	
Dichlorodifluoromethane	ug/kg	<30.5	1410	1410	283	317	20	22	10-83	11	31	
Ethylbenzene	ug/kg	<16.9	1410	1410	1360	1270	96	90	80-120	7	20	
Isopropylbenzene (Cumene)	ug/kg	<19.1	1410	1410	1310	1210	92	85	70-130	8	20	
m&p-Xylene	ug/kg	<29.9	2830	2830	2650	2580	94	91	70-130	3	20	
Methyl-tert-butyl ether	ug/kg	<20.8	1410	1410	1270	1250	90	89	66-130	1	20	
Methylene Chloride	ug/kg	<19.7	1410	1410	1600	1460	113	103	70-130	10	20	
o-Xylene	ug/kg	<21.2	1410	1410	1370	1290	97	91	70-130	6	20	
Styrene	ug/kg	<18.1	1410	1410	1390	1330	98	94	70-130	4	20	
Tetrachloroethene	ug/kg	<27.5	1410	1410	1250	1070	89	75	69-130	16	20	
Toluene	ug/kg	<17.8	1410	1410	1380	1330	97	94	79-120	3	20	
trans-1,2-Dichloroethene	ug/kg	<15.3	1410	1410	1340	1240	95	88	70-130	8	20	
trans-1,3-Dichloropropene	ug/kg	<203	1410	1410	1310	1300	93	91	69-130	1	20	
Trichloroethene	ug/kg	<26.5	1410	1410	1360	1320	96	93	70-130	3	20	
Trichlorofluoromethane	ug/kg	<20.5	1410	1410	930	952	66	67	50-130	2	22	
Vinyl chloride	ug/kg	<14.3	1410	1410	878	889	62	63	26-114	1	20	
Xylene (Total)	ug/kg	<51.1	4250	4250	4030	3860	95	91	70-130	4	20	
1,2-Dichlorobenzene-d4 (S)	%						136	136	71-161			
4-Bromofluorobenzene (S)	%						147	155	68-156			
Toluene-d8 (S)	%						129	128	69-153			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424283
QC Batch Method: EPA 3541
Analysis Method: EPA 8082A
Analysis Description: 8082 GCS PCB
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229030, 40250229031

METHOD BLANK: 2443227 Matrix: Solid
Associated Lab Samples: 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229030, 40250229031

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg	<15.2	50.0	08/25/22 08:20	
PCB-1221 (Aroclor 1221)	ug/kg	<15.2	50.0	08/25/22 08:20	
PCB-1232 (Aroclor 1232)	ug/kg	<15.2	50.0	08/25/22 08:20	
PCB-1242 (Aroclor 1242)	ug/kg	<15.2	50.0	08/25/22 08:20	
PCB-1248 (Aroclor 1248)	ug/kg	<15.2	50.0	08/25/22 08:20	
PCB-1254 (Aroclor 1254)	ug/kg	<15.2	50.0	08/25/22 08:20	
PCB-1260 (Aroclor 1260)	ug/kg	<15.2	50.0	08/25/22 08:20	
Decachlorobiphenyl (S)	%	74	38-95	08/25/22 08:20	
Tetrachloro-m-xylene (S)	%	67	50-99	08/25/22 08:20	

LABORATORY CONTROL SAMPLE: 2443228

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
PCB-1016 (Aroclor 1016)	ug/kg		<15.2			
PCB-1221 (Aroclor 1221)	ug/kg		<15.2			
PCB-1232 (Aroclor 1232)	ug/kg		<15.2			
PCB-1242 (Aroclor 1242)	ug/kg		<15.2			
PCB-1248 (Aroclor 1248)	ug/kg		<15.2			
PCB-1254 (Aroclor 1254)	ug/kg		<15.2			
PCB-1260 (Aroclor 1260)	ug/kg	500	368	74	71-104	
Decachlorobiphenyl (S)	%			75	38-95	
Tetrachloro-m-xylene (S)	%			70	50-99	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2443229 2443230

Parameter	Units	40250229014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
PCB-1016 (Aroclor 1016)	ug/kg	<16.8			<16.8	<16.7					20	
PCB-1221 (Aroclor 1221)	ug/kg	<16.8			<16.8	<16.7					20	
PCB-1232 (Aroclor 1232)	ug/kg	<16.8			<16.8	<16.7					20	
PCB-1242 (Aroclor 1242)	ug/kg	<16.8			<16.8	<16.7					20	
PCB-1248 (Aroclor 1248)	ug/kg	<16.8			<16.8	<16.7					20	
PCB-1254 (Aroclor 1254)	ug/kg	<16.8			<16.8	<16.7					20	
PCB-1260 (Aroclor 1260)	ug/kg	<16.8	551	550	378	378	69	69	42-109	0	20	
Decachlorobiphenyl (S)	%						69	70	38-95			
Tetrachloro-m-xylene (S)	%						64	64	50-99			

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424489
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229001, 40250229002, 40250229004, 40250229005, 40250229006, 40250229007, 40250229008, 40250229009, 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229016, 40250229017, 40250229018, 40250229019

METHOD BLANK: 2444447
Matrix: Solid
Associated Lab Samples: 40250229001, 40250229002, 40250229004, 40250229005, 40250229006, 40250229007, 40250229008, 40250229009, 40250229010, 40250229011, 40250229012, 40250229013, 40250229014, 40250229015, 40250229016, 40250229017, 40250229018, 40250229019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	08/26/22 09:53	
2-Methylnaphthalene	ug/kg	<2.4	16.7	08/26/22 09:53	
Acenaphthene	ug/kg	<2.2	16.7	08/26/22 09:53	
Acenaphthylene	ug/kg	<2.1	16.7	08/26/22 09:53	
Anthracene	ug/kg	<2.1	16.7	08/26/22 09:53	
Benzo(a)anthracene	ug/kg	<2.2	16.7	08/26/22 09:53	
Benzo(a)pyrene	ug/kg	<1.9	16.7	08/26/22 09:53	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	08/26/22 09:53	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	08/26/22 09:53	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	08/26/22 09:53	
Chrysene	ug/kg	<3.1	16.7	08/26/22 09:53	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	08/26/22 09:53	
Fluoranthene	ug/kg	<2.0	16.7	08/26/22 09:53	
Fluorene	ug/kg	<2.0	16.7	08/26/22 09:53	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	08/26/22 09:53	
Naphthalene	ug/kg	<1.6	16.7	08/26/22 09:53	
Phenanthrene	ug/kg	<1.9	16.7	08/26/22 09:53	
Pyrene	ug/kg	<2.5	16.7	08/26/22 09:53	
2-Fluorobiphenyl (S)	%	65	41-98	08/26/22 09:53	
Terphenyl-d14 (S)	%	87	37-106	08/26/22 09:53	

LABORATORY CONTROL SAMPLE: 2444448

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	259	78	64-110	
2-Methylnaphthalene	ug/kg	334	258	77	60-110	
Acenaphthene	ug/kg	334	261	78	69-120	
Acenaphthylene	ug/kg	334	261	78	63-120	
Anthracene	ug/kg	334	293	88	71-112	
Benzo(a)anthracene	ug/kg	334	263	79	62-120	
Benzo(a)pyrene	ug/kg	334	321	96	71-111	
Benzo(b)fluoranthene	ug/kg	334	273	82	59-112	
Benzo(g,h,i)perylene	ug/kg	334	306	92	64-115	
Benzo(k)fluoranthene	ug/kg	334	313	94	72-117	
Chrysene	ug/kg	334	340	102	75-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

LABORATORY CONTROL SAMPLE: 2444448

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Dibenz(a,h)anthracene	ug/kg	334	297	89	67-114	
Fluoranthene	ug/kg	334	285	85	70-110	
Fluorene	ug/kg	334	267	80	64-104	
Indeno(1,2,3-cd)pyrene	ug/kg	334	294	88	71-114	
Naphthalene	ug/kg	334	250	75	62-120	
Phenanthrene	ug/kg	334	259	78	59-106	
Pyrene	ug/kg	334	299	90	69-120	
2-Fluorobiphenyl (S)	%			76	41-98	
Terphenyl-d14 (S)	%			90	37-106	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2444449 2444450

Parameter	Units	40250229015 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<3.0	410	410	338	361	82	88	51-110	7	34	
2-Methylnaphthalene	ug/kg	<3.0	410	410	309	321	75	78	45-110	4	29	
Acenaphthene	ug/kg	<2.7	410	410	316	325	77	79	52-120	3	26	
Acenaphthylene	ug/kg	<2.6	410	410	318	326	78	80	46-120	3	22	
Anthracene	ug/kg	<2.5	410	410	323	338	79	82	50-112	5	25	
Benzo(a)anthracene	ug/kg	<2.6	410	410	296	315	72	77	41-120	6	37	
Benzo(a)pyrene	ug/kg	<2.3	410	410	348	367	85	90	44-114	5	33	
Benzo(b)fluoranthene	ug/kg	<2.8	410	410	311	322	76	79	41-112	4	43	
Benzo(g,h,i)perylene	ug/kg	<3.6	410	410	276	271	67	66	40-115	2	36	
Benzo(k)fluoranthene	ug/kg	<2.6	410	410	347	362	85	88	56-117	4	30	
Chrysene	ug/kg	<3.9	410	410	366	387	89	94	45-120	5	28	
Dibenz(a,h)anthracene	ug/kg	<2.8	410	410	302	291	74	71	44-114	4	33	
Fluoranthene	ug/kg	<2.4	410	410	328	343	80	83	55-110	5	43	
Fluorene	ug/kg	<2.5	410	410	325	331	79	81	47-104	2	27	
Indeno(1,2,3-cd)pyrene	ug/kg	<4.3	410	410	288	279	70	68	45-114	3	33	
Naphthalene	ug/kg	<2.0	410	410	299	323	73	78	47-120	8	26	
Phenanthrene	ug/kg	<2.3	410	410	306	309	74	75	38-106	1	24	
Pyrene	ug/kg	<3.0	410	410	335	359	82	87	51-120	7	41	
2-Fluorobiphenyl (S)	%						71	68	41-98			
Terphenyl-d14 (S)	%						78	79	37-106			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424579
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229020, 40250229021, 40250229022, 40250229023, 40250229024, 40250229025, 40250229026, 40250229027, 40250229029

METHOD BLANK: 2445249 Matrix: Solid
Associated Lab Samples: 40250229020, 40250229021, 40250229022, 40250229023, 40250229024, 40250229025, 40250229026, 40250229027, 40250229029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	08/29/22 10:35	
2-Methylnaphthalene	ug/kg	<2.4	16.7	08/29/22 10:35	
Acenaphthene	ug/kg	<2.2	16.7	08/29/22 10:35	
Acenaphthylene	ug/kg	<2.1	16.7	08/29/22 10:35	
Anthracene	ug/kg	<2.1	16.7	08/29/22 10:35	
Benzo(a)anthracene	ug/kg	<2.2	16.7	08/29/22 10:35	
Benzo(a)pyrene	ug/kg	<1.9	16.7	08/29/22 10:35	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	08/29/22 10:35	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	08/29/22 10:35	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	08/29/22 10:35	
Chrysene	ug/kg	<3.1	16.7	08/29/22 10:35	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	08/29/22 10:35	
Fluoranthene	ug/kg	<2.0	16.7	08/29/22 10:35	
Fluorene	ug/kg	<2.0	16.7	08/29/22 10:35	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	08/29/22 10:35	
Naphthalene	ug/kg	<1.6	16.7	08/29/22 10:35	
Phenanthrene	ug/kg	<1.9	16.7	08/29/22 10:35	
Pyrene	ug/kg	<2.4	16.7	08/29/22 10:35	
2-Fluorobiphenyl (S)	%	66	41-98	08/29/22 10:35	
Terphenyl-d14 (S)	%	86	37-106	08/29/22 10:35	

LABORATORY CONTROL SAMPLE: 2445250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	268	80	64-110	
2-Methylnaphthalene	ug/kg	334	267	80	60-110	
Acenaphthene	ug/kg	334	280	84	69-120	
Acenaphthylene	ug/kg	334	263	79	63-120	
Anthracene	ug/kg	334	302	91	71-112	
Benzo(a)anthracene	ug/kg	334	253	76	62-120	
Benzo(a)pyrene	ug/kg	334	323	97	71-111	
Benzo(b)fluoranthene	ug/kg	334	286	86	59-112	
Benzo(g,h,i)perylene	ug/kg	334	301	90	64-115	
Benzo(k)fluoranthene	ug/kg	334	300	90	72-117	
Chrysene	ug/kg	334	350	105	75-120	
Dibenz(a,h)anthracene	ug/kg	334	291	87	67-114	
Fluoranthene	ug/kg	334	282	85	70-110	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

LABORATORY CONTROL SAMPLE: 2445250

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fluorene	ug/kg	334	269	81	64-104	
Indeno(1,2,3-cd)pyrene	ug/kg	334	287	86	71-114	
Naphthalene	ug/kg	334	256	77	62-120	
Phenanthrene	ug/kg	334	253	76	59-106	
Pyrene	ug/kg	334	297	89	69-120	
2-Fluorobiphenyl (S)	%			73	41-98	
Terphenyl-d14 (S)	%			87	37-106	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2445251 2445252

Parameter	Units	40250146001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	104J	390	389	253J	292J	38	49	51-110		34	M1
2-Methylnaphthalene	ug/kg	88.4J	390	389	266J	296J	46	53	45-110		29	
Acenaphthene	ug/kg	71.6J	390	389	282J	318J	54	63	52-120		26	
Acenaphthylene	ug/kg	92.4J	390	389	339J	353J	63	67	46-120		22	
Anthracene	ug/kg	112J	390	389	268J	292J	40	46	50-112		25	M1
Benzo(a)anthracene	ug/kg	<63.0	390	389	201J	169J	43	35	41-120		37	M1
Benzo(a)pyrene	ug/kg	<55.3	390	389	222J	250J	51	58	44-114		33	
Benzo(b)fluoranthene	ug/kg	101J	390	389	261J	270J	41	43	41-112		43	
Benzo(g,h,i)perylene	ug/kg	<85.5	390	389	202J	201J	44	44	40-115		36	
Benzo(k)fluoranthene	ug/kg	<62.3	390	389	257J	288J	60	68	56-117		30	
Chrysene	ug/kg	553	390	389	734	733	46	46	45-120	0	28	
Dibenz(a,h)anthracene	ug/kg	<67.4	390	389	189J	186J	46	45	44-114		33	
Fluoranthene	ug/kg	95.5J	390	389	370J	394J	70	77	55-110		43	
Fluorene	ug/kg	92.2J	390	389	276J	288J	47	50	47-104		27	
Indeno(1,2,3-cd)pyrene	ug/kg	<102	390	389	193J	198J	47	49	45-114		33	
Naphthalene	ug/kg	<47.5	390	389	206J	225J	47	52	47-120		26	
Phenanthrene	ug/kg	997	390	389	1100	1190	25	48	38-106	8	24	M1
Pyrene	ug/kg	428J	390	389	566	542	35	29	51-120	4	41	M1
2-Fluorobiphenyl (S)	%						47	48	41-98			
Terphenyl-d14 (S)	%						54	58	37-106			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424836
QC Batch Method: EPA 3546
Analysis Method: EPA 8270E by SIM
Analysis Description: 8270E/3546 MSSV PAH by SIM
Laboratory: Pace Analytical Services - Green Bay
Associated Lab Samples: 40250229028

METHOD BLANK: 2446527 Matrix: Solid
Associated Lab Samples: 40250229028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<2.4	16.7	08/31/22 10:19	
2-Methylnaphthalene	ug/kg	<2.4	16.7	08/31/22 10:19	
Acenaphthene	ug/kg	<2.2	16.7	08/31/22 10:19	
Acenaphthylene	ug/kg	<2.1	16.7	08/31/22 10:19	
Anthracene	ug/kg	<2.1	16.7	08/31/22 10:19	
Benzo(a)anthracene	ug/kg	<2.2	16.7	08/31/22 10:19	
Benzo(a)pyrene	ug/kg	<1.9	16.7	08/31/22 10:19	
Benzo(b)fluoranthene	ug/kg	<2.3	16.7	08/31/22 10:19	
Benzo(g,h,i)perylene	ug/kg	<2.9	16.7	08/31/22 10:19	
Benzo(k)fluoranthene	ug/kg	<2.1	16.7	08/31/22 10:19	
Chrysene	ug/kg	<3.2	16.7	08/31/22 10:19	
Dibenz(a,h)anthracene	ug/kg	<2.3	16.7	08/31/22 10:19	
Fluoranthene	ug/kg	<2.0	16.7	08/31/22 10:19	
Fluorene	ug/kg	<2.0	16.7	08/31/22 10:19	
Indeno(1,2,3-cd)pyrene	ug/kg	<3.5	16.7	08/31/22 10:19	
Naphthalene	ug/kg	<1.6	16.7	08/31/22 10:19	
Phenanthrene	ug/kg	<1.9	16.7	08/31/22 10:19	
Pyrene	ug/kg	<2.5	16.7	08/31/22 10:19	
2-Fluorobiphenyl (S)	%	71	41-98	08/31/22 10:19	
Terphenyl-d14 (S)	%	90	37-106	08/31/22 10:19	

LABORATORY CONTROL SAMPLE: 2446528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	334	249	75	64-110	
2-Methylnaphthalene	ug/kg	334	243	73	60-110	
Acenaphthene	ug/kg	334	255	76	69-120	
Acenaphthylene	ug/kg	334	253	76	63-120	
Anthracene	ug/kg	334	297	89	71-112	
Benzo(a)anthracene	ug/kg	334	275	82	62-120	
Benzo(a)pyrene	ug/kg	334	313	94	71-111	
Benzo(b)fluoranthene	ug/kg	334	316	95	59-112	
Benzo(g,h,i)perylene	ug/kg	334	303	91	64-115	
Benzo(k)fluoranthene	ug/kg	334	277	83	72-117	
Chrysene	ug/kg	334	330	99	75-120	
Dibenz(a,h)anthracene	ug/kg	334	302	91	67-114	
Fluoranthene	ug/kg	334	291	87	70-110	
Fluorene	ug/kg	334	264	79	64-104	
Indeno(1,2,3-cd)pyrene	ug/kg	334	299	90	71-114	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

LABORATORY CONTROL SAMPLE: 2446528

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Naphthalene	ug/kg	334	237	71	62-120	
Phenanthrene	ug/kg	334	267	80	59-106	
Pyrene	ug/kg	334	300	90	69-120	
2-Fluorobiphenyl (S)	%			70	41-98	
Terphenyl-d14 (S)	%			88	37-106	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 2446529 2446530

Parameter	Units	40250394001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<2.8	388	387	292	202	75	52	51-110	36	34	R1
2-Methylnaphthalene	ug/kg	<2.8	388	387	269	204	69	52	45-110	28	29	
Acenaphthene	ug/kg	<2.5	388	387	287	199	74	51	52-120	36	26	M1,R1
Acenaphthylene	ug/kg	<2.4	388	387	281	191	72	49	46-120	38	22	R1
Anthracene	ug/kg	<2.4	388	387	319	199	82	51	50-112	46	25	R1
Benzo(a)anthracene	ug/kg	<2.5	388	387	286	170	74	44	41-120	51	37	R1
Benzo(a)pyrene	ug/kg	<2.2	388	387	331	210	85	54	44-114	45	33	R1
Benzo(b)fluoranthene	ug/kg	<2.7	388	387	327	208	84	54	41-112	44	43	R1
Benzo(g,h,i)perylene	ug/kg	<3.4	388	387	315	202	81	52	40-115	44	36	R1
Benzo(k)fluoranthene	ug/kg	<2.5	388	387	309	193	80	50	56-117	46	30	M1,R1
Chrysene	ug/kg	<3.7	388	387	355	235	91	60	45-120	41	28	R1
Dibenz(a,h)anthracene	ug/kg	<2.7	388	387	313	195	81	50	44-114	46	33	R1
Fluoranthene	ug/kg	<2.3	388	387	311	193	80	50	55-110	47	43	M1,R1
Fluorene	ug/kg	<2.3	388	387	296	182	76	47	47-104	48	27	R1
Indeno(1,2,3-cd)pyrene	ug/kg	<4.0	388	387	306	193	79	50	45-114	45	33	R1
Naphthalene	ug/kg	<1.9	388	387	257	218	66	56	47-120	16	26	
Phenanthrene	ug/kg	<2.2	388	387	285	173	73	45	38-106	49	24	R1
Pyrene	ug/kg	<2.9	388	387	315	195	81	50	51-120	47	41	M1,R1
2-Fluorobiphenyl (S)	%						64	49	41-98			
Terphenyl-d14 (S)	%						78	49	37-106			

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424351
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: 40250229001, 40250229002, 40250229004, 40250229005, 40250229006, 40250229007, 40250229008, 40250229009, 40250229010, 40250229011, 40250229012, 40250229013

SAMPLE DUPLICATE: 2443711

Parameter	Units	40250222001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	5.4	5.6	3	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424425
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: 40250229014, 40250229015, 40250229016, 40250229017, 40250229018, 40250229019, 40250229020, 40250229021, 40250229022

SAMPLE DUPLICATE: 2444098

Parameter	Units	40250313008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.8	22.4	2	10	

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

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

QC Batch: 424429
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: 40250229023, 40250229024, 40250229025, 40250229026, 40250229027, 40250229028, 40250229029, 40250229030, 40250229031

SAMPLE DUPLICATE: 2444122

Parameter	Units	40250295015 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	22.0	21.3	3	10	

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

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALIFIERS

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

DEFINITIONS

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

ND - Not Detected at or above LOD.

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

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

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.
R1	RPD value was outside control limits.
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

Pace Analytical Services, LLC
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250229010	**PB-5 (1'-2')**	EPA 3541	424283	EPA 8082A	424309
40250229011	**PB-5 (3'-4')**	EPA 3541	424283	EPA 8082A	424309
40250229012	**PB-6 (1'-2')**	EPA 3541	424283	EPA 8082A	424309
40250229013	**PB-6 (2'-3')**	EPA 3541	424283	EPA 8082A	424309
40250229014	**PB-7 (1'-2')**	EPA 3541	424283	EPA 8082A	424309
40250229015	**PB-7 (3'-4')**	EPA 3541	424283	EPA 8082A	424309
40250229030	**PB-15 (1'-2')**	EPA 3541	424283	EPA 8082A	424309
40250229031	**PB-15 (4'-5')**	EPA 3541	424283	EPA 8082A	424309
40250229001	**PB-1 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229002	**PB-1 (3'-4')**	EPA 3050B	424316	EPA 6010D	424455
40250229004	**PB-2 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229005	**PB-2 (3'-4')**	EPA 3050B	424316	EPA 6010D	424455
40250229006	**PB-3 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229007	**PB-3 (4'-5')**	EPA 3050B	424316	EPA 6010D	424455
40250229008	**PB-4 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229009	**PB-4 (2'-3')**	EPA 3050B	424316	EPA 6010D	424455
40250229010	**PB-5 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229011	**PB-5 (3'-4')**	EPA 3050B	424316	EPA 6010D	424455
40250229012	**PB-6 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229013	**PB-6 (2'-3')**	EPA 3050B	424316	EPA 6010D	424455
40250229014	**PB-7 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229015	**PB-7 (3'-4')**	EPA 3050B	424316	EPA 6010D	424455
40250229016	**PB-8 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229017	**PB-8 (3'-4')**	EPA 3050B	424316	EPA 6010D	424455
40250229018	**PB-9 (1'-2')**	EPA 3050B	424316	EPA 6010D	424455
40250229019	**PB-9 (2'-3')**	EPA 3050B	424316	EPA 6010D	424455
40250229020	**PB-10 (2'-3')**	EPA 3050B	424316	EPA 6010D	424455
40250229021	**PB-10 (3'-4')**	EPA 3050B	424316	EPA 6010D	424455
40250229022	**PB-11 (1'-2')**	EPA 3050B	424240	EPA 6010D	424456
40250229023	**PB-11 (2'-3')**	EPA 3050B	424240	EPA 6010D	424456
40250229024	**PB-12 (1'-2')**	EPA 3050B	424240	EPA 6010D	424456
40250229025	**PB-12 (3'-4')**	EPA 3050B	424240	EPA 6010D	424456
40250229026	**PB-13 (1'-2')**	EPA 3050B	424240	EPA 6010D	424456
40250229027	**PB-13 (3'-4')**	EPA 3050B	424240	EPA 6010D	424456
40250229028	**PB-14 (1'-2')**	EPA 3050B	424240	EPA 6010D	424456
40250229029	**PB-14 (3'-4')**	EPA 3050B	424240	EPA 6010D	424456
40250229030	**PB-15 (1'-2')**	EPA 3050B	424240	EPA 6010D	424456
40250229031	**PB-15 (4'-5')**	EPA 3050B	424240	EPA 6010D	424456
40250229001	**PB-1 (1'-2')**	EPA 7471	424378	EPA 7471	424430
40250229002	**PB-1 (3'-4')**	EPA 7471	424378	EPA 7471	424430
40250229004	**PB-2 (1'-2')**	EPA 7471	424378	EPA 7471	424430
40250229005	**PB-2 (3'-4')**	EPA 7471	424378	EPA 7471	424430
40250229006	**PB-3 (1'-2')**	EPA 7471	424378	EPA 7471	424430
40250229007	**PB-3 (4'-5')**	EPA 7471	424378	EPA 7471	424430
40250229008	**PB-4 (1'-2')**	EPA 7471	424378	EPA 7471	424430
40250229009	**PB-4 (2'-3')**	EPA 7471	424378	EPA 7471	424430
40250229010	**PB-5 (1'-2')**	EPA 7471	424378	EPA 7471	424430

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: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250229011	**PB-5 (3'-4')**	EPA 7471	424378	EPA 7471	424430
40250229012	**PB-6 (1'-2')**	EPA 7471	424378	EPA 7471	424430
40250229013	**PB-6 (2'-3')**	EPA 7471	424378	EPA 7471	424430
40250229014	**PB-7 (1'-2')**	EPA 7471	424378	EPA 7471	424430
40250229015	**PB-7 (3'-4')**	EPA 7471	424378	EPA 7471	424430
40250229016	**PB-8 (1'-2')**	EPA 7471	424378	EPA 7471	424430
40250229017	**PB-8 (3'-4')**	EPA 7471	424381	EPA 7471	424432
40250229018	**PB-9 (1'-2')**	EPA 7471	424381	EPA 7471	424432
40250229019	**PB-9 (2'-3')**	EPA 7471	424381	EPA 7471	424432
40250229020	**PB-10 (2'-3')**	EPA 7471	424381	EPA 7471	424432
40250229021	**PB-10 (3'-4')**	EPA 7471	424381	EPA 7471	424432
40250229022	**PB-11 (1'-2')**	EPA 7471	424381	EPA 7471	424432
40250229023	**PB-11 (2'-3')**	EPA 7471	424381	EPA 7471	424432
40250229024	**PB-12 (1'-2')**	EPA 7471	424381	EPA 7471	424432
40250229025	**PB-12 (3'-4')**	EPA 7471	424381	EPA 7471	424432
40250229026	**PB-13 (1'-2')**	EPA 7471	424381	EPA 7471	424432
40250229027	**PB-13 (3'-4')**	EPA 7471	424381	EPA 7471	424432
40250229028	**PB-14 (1'-2')**	EPA 7471	424381	EPA 7471	424432
40250229029	**PB-14 (3'-4')**	EPA 7471	424381	EPA 7471	424432
40250229030	**PB-15 (1'-2')**	EPA 7471	424381	EPA 7471	424432
40250229031	**PB-15 (4'-5')**	EPA 7471	424381	EPA 7471	424432
40250229001	**PB-1 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229002	**PB-1 (3'-4')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229004	**PB-2 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229005	**PB-2 (3'-4')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229006	**PB-3 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229007	**PB-3 (4'-5')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229008	**PB-4 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229009	**PB-4 (2'-3')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229010	**PB-5 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229011	**PB-5 (3'-4')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229012	**PB-6 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229013	**PB-6 (2'-3')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229014	**PB-7 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229015	**PB-7 (3'-4')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229016	**PB-8 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229017	**PB-8 (3'-4')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229018	**PB-9 (1'-2')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229019	**PB-9 (2'-3')**	EPA 3546	424489	EPA 8270E by SIM	424518
40250229020	**PB-10 (2'-3')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229021	**PB-10 (3'-4')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229022	**PB-11 (1'-2')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229023	**PB-11 (2'-3')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229024	**PB-12 (1'-2')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229025	**PB-12 (3'-4')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229026	**PB-13 (1'-2')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229027	**PB-13 (3'-4')**	EPA 3546	424579	EPA 8270E by SIM	424633

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250229028	**PB-14 (1'-2')**	EPA 3546	424836	EPA 8270E by SIM	424864
40250229029	**PB-14 (3'-4')**	EPA 3546	424579	EPA 8270E by SIM	424633
40250229001	**PB-1 (1'-2')**	EPA 5035/5030B	424392	EPA 8260	424397
40250229002	**PB-1 (3'-4')**	EPA 5035/5030B	424392	EPA 8260	424397
40250229003	**TB-01**	EPA 5035/5030B	424500	EPA 8260	424502
40250229004	**PB-2 (1'-2')**	EPA 5035/5030B	424500	EPA 8260	424502
40250229005	**PB-2 (3'-4')**	EPA 5035/5030B	424500	EPA 8260	424502
40250229006	**PB-3 (1'-2')**	EPA 5035/5030B	424500	EPA 8260	424502
40250229007	**PB-3 (4'-5')**	EPA 5035/5030B	424500	EPA 8260	424502
40250229008	**PB-4 (1'-2')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229009	**PB-4 (2'-3')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229016	**PB-8 (1'-2')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229017	**PB-8 (3'-4')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229018	**PB-9 (1'-2')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229019	**PB-9 (2'-3')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229020	**PB-10 (2'-3')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229021	**PB-10 (3'-4')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229022	**PB-11 (1'-2')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229023	**PB-11 (2'-3')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229028	**PB-14 (1'-2')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229029	**PB-14 (3'-4')**	EPA 5035/5030B	424525	EPA 8260	424527
40250229001	**PB-1 (1'-2')**	ASTM D2974-87	424351		
40250229002	**PB-1 (3'-4')**	ASTM D2974-87	424351		
40250229004	**PB-2 (1'-2')**	ASTM D2974-87	424351		
40250229005	**PB-2 (3'-4')**	ASTM D2974-87	424351		
40250229006	**PB-3 (1'-2')**	ASTM D2974-87	424351		
40250229007	**PB-3 (4'-5')**	ASTM D2974-87	424351		
40250229008	**PB-4 (1'-2')**	ASTM D2974-87	424351		
40250229009	**PB-4 (2'-3')**	ASTM D2974-87	424351		
40250229010	**PB-5 (1'-2')**	ASTM D2974-87	424351		
40250229011	**PB-5 (3'-4')**	ASTM D2974-87	424351		
40250229012	**PB-6 (1'-2')**	ASTM D2974-87	424351		
40250229013	**PB-6 (2'-3')**	ASTM D2974-87	424351		
40250229014	**PB-7 (1'-2')**	ASTM D2974-87	424425		
40250229015	**PB-7 (3'-4')**	ASTM D2974-87	424425		
40250229016	**PB-8 (1'-2')**	ASTM D2974-87	424425		
40250229017	**PB-8 (3'-4')**	ASTM D2974-87	424425		
40250229018	**PB-9 (1'-2')**	ASTM D2974-87	424425		
40250229019	**PB-9 (2'-3')**	ASTM D2974-87	424425		
40250229020	**PB-10 (2'-3')**	ASTM D2974-87	424425		
40250229021	**PB-10 (3'-4')**	ASTM D2974-87	424425		
40250229022	**PB-11 (1'-2')**	ASTM D2974-87	424425		
40250229023	**PB-11 (2'-3')**	ASTM D2974-87	424429		
40250229024	**PB-12 (1'-2')**	ASTM D2974-87	424429		
40250229025	**PB-12 (3'-4')**	ASTM D2974-87	424429		

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: 60679770 RIVERPOINT
Pace Project No.: 40250229

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40250229026	**PB-13 (1'-2')**	ASTM D2974-87	424429		
40250229027	**PB-13 (3'-4')**	ASTM D2974-87	424429		
40250229028	**PB-14 (1'-2')**	ASTM D2974-87	424429		
40250229029	**PB-14 (3'-4')**	ASTM D2974-87	424429		
40250229030	**PB-15 (1'-2')**	ASTM D2974-87	424429		
40250229031	**PB-15 (4'-5')**	ASTM D2974-87	424429		

Pace Analytical®

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40250229

ALL SHADED AREAS are for LAB USE ONLY

Company: AECOM

Billing Information: WAM (see Lanette)

Address: 1555 N River Center Drive

Report To: Lanette Altenbach

Email To: lanette.altenbach@AECOM.com

Copy To:

Site Collection Info/Address: Manitowoc, WI NW corner of N 11 St. & York St.

Customer Project Name/Number: 60679770 Riverpoint

State: WI / County/City: Manitowoc

Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET

Phone: 262.758.9414

Email: keith.nielsen@AECOM.com

Site/Facility ID #:

Compliance Monitoring? [ ] Yes [ ] No

Collected By (print): Keith Nielsen

Purchase Order #:

Quote #:

DW PWS ID #:

DW Location Code:

Collected By (signature): [signature]

Turnaround Date Required:

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: n/a

Container Preservative Type **: 3 | U

Lab Project Manager: Chris Hyska

** 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 Date	Collected Time	Composite End Date	Composite End Time	Res Cl	# of Ctns	VOCs	PAHs	8 RCRA Metals	PCBs	Lab Sample # / Comments
PB-1 (1'-2')	SL	G			08/19	1140			2	1	1		001
PB-1 (3'-4')	SL	↓			↓	1150			2	1	1		002
TB-01	OT					0800			2				003
PB-2 (1'-2')	SL					1120			2	1	1		004
PB-2 (3'-4')	↓					1130			2	1	1		005
PB-3 (1'-2')						1100			2	1	1		006
PB-3 (4'-5')						1110			2	1	1		007
PB-4 (1'-2')						1200			~~2~~ 1	1	1		008
PB-4 (2'-3')						1210			2	1	1		009
PB-5 (1'-2')	↓	↓			↓	1220				1	1	1	010

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:

(Checklist struck through, annotated: ntt 8/23/22)

Customer Remarks / Special Conditions / Possible Hazards: 1 of 4

Type of Ice Used: Wet Blue Dry None

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

Packing Material Used:

Lab Tracking #: 2828856

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

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:
[signature] AECOM KEN	08/22/22 @ 1630		
CS Logistics	8/23/22 0810	[signature]	8/23/22 0810

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

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

Page: ______ of: ______

CHAIN-OF-CUSTODY Analytical Request Document

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40250229

ALL SHADED AREAS are for LAB USE ONLY

Company: AECOM	Billing Information: WAM (See Lanette)
Address: 1555 N River Center Drive	
Report To: Lanette Altenbach	Email To: lanette.altenbach@AECOM.com
Copy To:	Site Collection Info/Address: NW corner of 11th St. & York St
Customer Project Name/Number: 60679770 Riverpoint	State: WI County/City: Manitowoc Time Zone Collected: [ ] PT [ ] MT [X] CT [ ] ET
Phone: 262.758.9414 Email: keith.nielsen@AECOM.com	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print): Keith Nielsen	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] 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 [ ] No Analysis: _____

Container Preservative Type **: _____ Lab Project Manager: _____

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

* 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: VOCs	PAHs	8 RCRA Metals	ACAs	Lab Profile/Line: Lab Sample # / Comments
PB-5 (3'-4')	SL	G			08/19	1230				1	1	1	~~001~~ 011
PB-6 (1'-2')	"	"				1240				1	1	1	012
PB-6 (2'-3')						1250				1	1	1	013
PB-7 (1'-2')						1300				1	1	1	014
PB-7 (3'-4')						1310				1	1	1	015
PB-8 (1'-2')						1040			2	1	1		016
PB-8 (3'-4')						1050			2	1	1		017
PB-9 (1'-2')						0900			2	1	1		018
PB-9 (2'-3')						0910			2	1	1		019
PB-10 (1'-3')						1020			2	1	1		020

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:

mt 8/25/22

Customer Remarks / Special Conditions / Possible Hazards:

2 of 4

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 #: 2828857

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: (1)

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
KEN AECOM	08/22/22 @ 1430		
CS Logistics	8/23/22 0810		8/23/22 0810

MTJL LAB USE ONLY
Table #:
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

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40250229

ALL SHADED AREAS are for LAB USE ONLY

Company:	Billing Information: COC's
Address:	
Report To:	Email To:
Copy To:	Site Collection Info/Address:
Customer Project Name/Number: other	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] 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 [ ] No Analysis:

Container Preservative Type **

Lab Project Manager:

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

Analyses

Lab Profile/Line:

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: 0	
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	VOCs	PAHs	8 RCRA Metals	PCBs	Lab Sample # / Comments
PB-10 (3'-4')	SL	G			08/19	1030			2	1	1		021
PB-11 (1'-2')						0920			2	1	1		022
PB-11 (2'-3')						0930			2	1	1		023
PB-12 (1'-2')						0940				1	1		024
PB-12 (3'-4')						0950				1	1		025
PB-13 (1'-2')						1000				1	1		026
PB-13 (3'-4')						1010				1	1		027
PB-14 (1'-2')						1320			2	1	1		028
PB-14 (3'-4')						1330			2	1	1		029
PB-15 (1'-2')						1340					1	1	030

Customer Remarks / Special Conditions / Possible Hazards:

3 of 4

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 #: 2828855

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: 0

Relinquished by/Company: (Signature) KEN AECOM	Date/Time: 08/22/22 @ 1630	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature) CS Logistics	Date/Time: 8/23/22 0810	Received by/Company: (Signature)	Date/Time: 8/23/22 0810
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

MTJL LAB USE ONLY
Table #:
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

Pace Analytical®

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

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here: 40250229

ALL SHADED AREAS are for LAB USE ONLY

Company:	Billing Information: COCS
Address:	
Report To:	Email To:
Copy To: Other	Site Collection Info/Address:
Customer Project Name/Number: See	State: / County/City: Time Zone Collected: [ ] PT [ ] MT [ ] CT [ ] ET
Phone: Email:	Site/Facility ID #: Compliance Monitoring? [ ] Yes [ ] No
Collected By (print):	Purchase Order #: Quote #: DW PWS ID #: DW Location Code:
Collected By (signature):	Turnaround Date Required: Immediately Packed on Ice: [ ] 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 [ ] No Analysis: _____

Container Preservative Type **

Lab Project Manager:

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

* 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	VOCs	PAHs	8 RCRA Metals	PCBs	Lab Profile/Line
PB-15 (4'-5')	SL	G			08/19	1350					1	1	051

08/19/22

Analyses

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:

4 of 4

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 #: 2825242

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:
WEN ACCOM	08/22/22 @ 1630		
CS Logistics	8/23/22 0810		8/23/22 0810

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

Trip Blank Received: Y N NA
HCL MeOH TSP Other

Non Conformance(s): YES / NO

of: _____

Sample Preservation Receipt Form

Client Name: AECOM Project # 40250229

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

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

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	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							
001																		2		2													2.5 / 5
002																		2		2													2.5 / 5
003																		2															2.5 / 5
004																		2		2													2.5 / 5
005																		2		2													2.5 / 5
006																		2		2													2.5 / 5
007																		2		2													2.5 / 5
008																		1		2													2.5 / 5
009																		2		2													2.5 / 5
010																				2		1											2.5 / 5
011																				2		1											2.5 / 5
012																				2		1											2.5 / 5
013																				2		1											2.5 / 5
014																				2		1											2.5 / 5
015																				2		1											2.5 / 5
016																		2		2													2.5 / 5
017																		2		2													2.5 / 5
018																		2		2													2.5 / 5
019																		2		2													2.5 / 5
020																		2		2													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	

Page 1 of 3

Sample Preservation Receipt Form

Client Name: AECOM Project #: 40250229

Pace Lab #	Glass							Plastic						Vials						Jars				General				VOA Vials (>6mm) *	H2SO4 pH ≤2	NaOH+Zn Act pH ≥9	NaOH pH ≥12	HNO3 pH ≤2	pH after adjusted	Volume (mL)
	AG1U	BG1U	AG1H	AG4S	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							
021																		2		2													2.5 / 5
022																		2		2													2.5 / 5
023																		2		2													2.5 / 5
024																				2													2.5 / 5
025																				2													2.5 / 5
026																				2													2.5 / 5
027																				2													2.5 / 5
028																		2		2													2.5 / 5
029																		2		2													2.5 / 5
030																				1		1											2.5 / 5
031																				1		1											2.5 / 5
032																																	2.5 / 5
033																																	2.5 / 5
034																																	2.5 / 5
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					mt 8/23/22																												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

Sample Condition Upon Receipt Form (SCUR)

Project #:

WO# : 40250229

40250229

Client Name: Aecom

Courier: ~~Fed~~ 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 - 120 **Type of Ice:** (Wet) Blue Dry None ☐ Meltwater Only

Cooler Temperature Uncorr: 0.0 /Corr: 0.0

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

Person examining contents:
Date: 8/25/22 /Initials: mlf

Labeled By Initials: NR

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

Chain of Custody Present:	~~☐~~Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	~~☐~~Yes ☐No ☐N/A	2.
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.
-Includes date/time/ID/Analysis Matrix: S		
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

mlf 8/25/22

Page 2 of 2
3 3

AECOM
1555 N. RiverCenter Drive, Suite 214
Milwaukee, WI 53212

414.944.6080 tel
414.944.6081 fax

Data Validation Report

Project:	Riverpoint, Manitowoc Wisconsin
Laboratory:	Pace Analytical - Green Bay
SDGs:	40239666
Analyses (Method):	VOCs (8260), PAHs, (8270E SIM), PCBs (8082A), RCRA Metals (6010D/7471)
Validation Level:	Level 2
Prepared by:	Lisa Smith (CEAC), AECOM Completed on: 9/9/2022

The soil samples listed below were collected by AECOM on August 19, 2022.

Sample ID	QC Samples	Sample Date	Laboratory ID	Analyses
Soil Samples:				
PB-1 (1'-2')	MS/MSD for ICP Metals	8/19/2022	40250229001	VOCs, PAHs, RCRA Metals
PB-1 (3'-4')		8/19/2022	40250229002	VOCs, PAHs, RCRA Metals
PB-2 (1'-2')		8/19/2022	40250229004	VOCs, PAHs, RCRA Metals
PB-2 (3'-4')		8/19/2022	40250229005	VOCs, PAHs, RCRA Metals
PB-3 (1'-2')		8/19/2022	40250229006	VOCs, PAHs, RCRA Metals
PB-3 (4'-5')		8/19/2022	40250229007	VOCs, PAHs, RCRA Metals
PB-4 (1'-2')		8/19/2022	40250229008	VOCs, PAHs, RCRA Metals
PB-4 (2'-3')		8/19/2022	40250229009	VOCs, PAHs, RCRA Metals
PB-5 (1'-2')		8/19/2022	40250229010	PAHs, PCBs, RCRA Metals
PB-5 (3'-4')		8/19/2022	40250229011	PAHs, PCBs, RCRA Metals
PB-6 (1'-2')		8/19/2022	40250229012	PAHs, PCBs, RCRA Metals
PB-6 (2'-3')		8/19/2022	40250229013	PAHs, PCBs, RCRA Metals
PB-7 (1'-2')	MS/MSD for PCBs	8/19/2022	40250229014	PAHs, PCBs, RCRA Metals
PB-7 (3'-4')	MS/MSD for PAHs	8/19/2022	40250229015	PAHs, PCBs, RCRA Metals
PB-8 (1'-2')		8/19/2022	40250229016	VOCs, PAHs, RCRA Metals
PB-8 (3'-4')	MS/MSD for VOCs and Mercury	8/19/2022	40250229017	VOCs, PAHs, RCRA Metals
PB-9 (1'-2')		8/19/2022	40250229018	VOCs, PAHs, RCRA Metals
PB-9 (2'-3')		8/19/2022	40250229019	VOCs, PAHs, RCRA Metals
PB-10 (2'-3')		8/19/2022	40250229020	VOCs, PAHs, RCRA Metals
PB-10 (3'-4')		8/19/2022	40250229021	VOCs, PAHs, RCRA Metals
PB-11 (1'-2')		8/19/2022	40250229022	VOCs, PAHs, RCRA Metals
PB-11 (2'-3')		8/19/2022	40250229023	VOCs, PAHs, RCRA Metals
PB-12 (1'-2')		8/19/2022	40250229024	PAHs, RCRA Metals
PB-12 (3'-4')		8/19/2022	40250229025	PAHs, RCRA Metals

AECOM

Sample ID	QC Samples	Sample Date	Laboratory ID	Analyses
PB-13 (1'-2')		8/19/2022	40250229026	PAHs, RCRA Metals
PB-13 (3'-4')		8/19/2022	40250229027	PAHs, RCRA Metals
PB-14 (1'-2')		8/19/2022	40250229028	VOCs, PAHs, RCRA Metals
PB-14 (3'-4')		8/19/2022	40250229029	VOCs, PAHs, RCRA Metals
PB-15 (1'-2')		8/19/2022	40250229030	PCBs, RCRA Metals
PB-15 (4'-5')		8/19/2022	40250229031	PCBs, RCRA Metals
Field QC Blanks:				
TB-01	Trip Blank	8/19/2022	40250229003	VOCs

Data validation activities were conducted with reference to:

- *National Functional Guidelines for Organic Superfund Methods Data Review (*November 2020)
- *National Functional Guidelines for Inorganic Superfund Methods Data Review (*November 2020)

The National Data Validation Functional Guidelines (NFGs) were modified to accommodate the non-CLP methodologies. In the absence of method-specific information, laboratory quality control (QC) limits were used as appropriate as the basis for validation actions.

REVIEW ELEMENTS

The data were evaluated based on the following parameters (where applicable to the method):

✓ Data completeness (chain-of-custody (CoC)/sample integrity)
✓ Sample Receipt and Holding Times
✗ Method blanks
✓ Trip Blanks
✓ Surrogate Recoveries
✓ Laboratory control sample (LCS) results
✗ Matrix spike (MS) and/or matrix spike duplicate (MSD) results
NA Field duplicates
✓ Sample results and quantitation

The symbol (✓) indicates that no validation qualifiers were applied based on this parameter. The symbol (✗) indicates that a QC nonconformance resulted in the qualification of data. Any QC nonconformance that resulted in the qualification of data is discussed below. In addition, nonconformances or other issues that were noted during validation, but did not result in qualification of data, may be discussed for informational purposes only.

SUMMARY

Based on the results of the validation, the data are valid as reported and may be used for decision making purposes. Seven mercury results were qualified as nondetect (U) due to laboratory contamination. In addition, ten barium results were qualified as estimated biased high (J+) due to a high barium MS recovery. A detailed data validation discussion is provided below.

AECOM

DETAILED REVIEW

Data Completeness

The data packages were reviewed for the following acceptance criteria for completeness:

- The CoCs were reviewed for completeness of information relevant to the samples and requested analyses, and for signatures indicating transfer of sample custody.
- The laboratory sample login sheet(s) were reviewed for issues potentially affecting sample integrity, including the condition of sample containers upon receipt at the laboratory.
- Completeness of analyses was verified by comparing the reported results to the CoC requests.

The following items are noted for informational purposes (and do not affect data usability):

- The collection time listed on the CoC for sample TB-01 was 08:00, while the sample was logged in with a collection time of 11:50.

Sample Receipt and Holding Times

Samples were received at Pace Analytical intact, correctly preserved, and within the temperature criteria of ≤ 6 °C.

Samples were extracted and analyzed within the method holding times.

Laboratory Method Blanks

Laboratory method blanks are analyzed to assess contamination from laboratory procedures. Method blanks were analyzed at the correct frequency. Analytes were not detected in the method blanks, with the exception that mercury was detected in the method blank for batch 424381 at a concentration of 0.014 J mg/kg. Associated sample concentrations within 5 times the blank concentration were qualified nondetect (U), as listed in Table 1.

Trip Blanks

Trip blanks are used to assess contamination that occurs during sample shipment. One trip blank was associated with the samples collected. The trip blank results were nondetect.

Surrogates

Surrogates are spiked into all field samples, field QC samples, and method QC samples and are used to evaluate accuracy. Surrogates are organic compounds similar to the target analyte(s) in chemical composition and behavior in the analytical process but are not usually found in environmental samples. Surrogate recoveries were within the laboratory's acceptance criteria, with the exception of the 2-Fluorobiphenyl surrogate for sample PB-10 (3'-4') that reported 0% recovery. The surrogates for this PAH sample were diluted out, and were not used to assess data quality.

LCS Results

LCSs are analyzed to monitor accuracy and precision of the analytical method independent of matrix effects. The LCSs were analyzed at the correct frequency and were within the laboratory specified QC limits.

MS/MSD Results

Matrix spikes are analyzed to determine the effects of sample matrix on the measurement methodology. MS/MSD results were reported from batch analysis. MS/MSD recoveries and relative percent differences (RPDs) were within acceptable limits, with the exceptions listed in the table below. Non-project MS/MSDs were not applicable and were not evaluated.

AECOM

Spiked Sample	Compound	MS/MSD % Recovery	Recovery Limits	RPD	RPD Limit	Results Qualified
PB-1 (1'-2')	Barium	89/**176**	75-125	**27**	20	Associated samples detects were qualified as estimated biased high (J+):
	Lead	**-548/-387**	75-125	**31**	20	The sample concentration was greater than 4 times the spike concentration. No qualifiers.

Bold indicates and exceedance

Field Duplicate Results

Field duplicates are collected to assess the overall precision of field sampling and laboratory analysis. A field duplicate was not associated with this data set.

Sample Results and Quantitation

Dilutions were required to bring the sample concentrations within the calibration range of the instrument.

Sample results were reviewed for correct methods, units, and reported analytes. No issues or discrepancies were found during this review. Results were reported down to the limit of detection (LOD).

Validation Flags

Sample results qualified due to validation actions are summarized in Table 1. All actions are described above. Data validation qualifiers override any assigned laboratory data flags. Results reported below the LOQ were qualified as estimated (J) by the laboratory; qualifications of these results were accepted by the validator, but are not shown in Table 1.

Table 1 – Data Validation Summary of Qualified Data

Sample ID	Analyte	Units	Validation Qualifier[1]	Reason Code[2]
Soil Samples:				
PB-8 (3'-4') PB-10 (2'-3') PB-12 (3'-4') PB-13 (1'-2') PB-14 (3'-4') PB-15 (1'-2') PB-15 (4'-5')	Mercury	mg/kg	U	mb
PB-12 (1'-2') PB-12 (3'-4') PB-13 (1'-2') PB-13 (3'-4') PB-14 (1'-2') PB-14 (3'-4') PB-15 (1'-2') PB-15 (4'-5') PB-11 (1'-2') PB-11 (2'-3')	Barium	mg/kg	J+	ms

(1): Data Validation Qualifiers:

J: The analyte was positively identified. The associated numerical value is estimated (+/- indicate the direction of biased).

U: The analyte was analyzed for, but was not detected.

(2): Reason Codes:

mb Method blank

ms Matrix spike