

TABLE 1
SUMMARY OF POST-EXCAVATION SOIL SAMPLE ANALYSES
Draft, July 29, 2021

		East End of Building													
Sample ID	Method 1 Standard S1-GW1	WSW-22'S 48"	B-20'S 70"	SSW-22'S 54"	NEUP - 2.5 90"	NE Wall B- 12-76"	ESW-21 66"	NSW-17'E 52"	SSW-16'E 50"	B-16'E 90"	ESW-168 44"	SSW 8 feet East	WM East Sidewall 96"	Base 12 Deep Center E	B 170"E, 7"
Sampling Date		6/11	6/11	6/11	6/21	6/21	6/23	6/24	6/24	6/24	6/28	7/6	7/6	7/6	7/20
MA DEP EPH															
Naphthalene	4	0.19	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.18	0.39	0.73	0.18	0.18	0.18
2-Methylnaphthalene	0.7	0.19	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.18	0.5	1.92	0.18	0.18	0.18
Phenanthrene	10	0.19	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.18	0.19	0.18	0.18	0.18	0.18
Acenaphthene	4	0.19	0.18	0.19	0.18	0.19	0.18	0.18	0.18	0.18	0.19	0.18	0.18	0.18	0.18
C9-C18 Aliphatic Hydrocarbons	1,000	8	7	8	7	8	7	7	7	7	727	2,110	136	47.2	7
C19-C36 Aliphatic Hydrocarbons	3,000	8	7	8	7	8	7	7	7	7	287	776	66.5	34.6	7
C11-C22 Aromatic Hydrocarbons	1,000	4	4	4	4	4	4	4	4	4	96.3	125	10.8	4	4
MA DEP VPH															
Benzene	2	0.2	0.2	0.2	0.15	0.15	0.15	0.15	0.25	0.15	0.45	0.35	0.2	0.3	0.3
Ethylbenzene	40	0.2	0.2	0.2	0.15	0.15	0.15	0.15	0.25	0.15	0.45	0.35	1.5	0.3	0.3
Methyl t-butyl ether (MTBE)	0.1	0.04	0.04	0.04	0.03	0.03	0.03	0.03	0.05	0.04	0.1	0.05	3	0.05	0.06
Naphthalene	4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.5	0.4	0.9	0.7	1	0.5	0.6
Toluene	30	0.2	0.2	0.2	0.15	0.15	0.15	0.15	0.25	0.15	0.45	0.35	0.35	0.3	0.3
Total xylenes	400	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.5	0.4	0.9	0.7	6.2	0.3	0.3
C5-C8 Aliphatic Hydrocarbons	100	4.1	3.8	4	3.2	3.2	2.9	3.1	4.8	3.3	9.2	7.2	42.3	5.9	6.1
C9-C12 Aliphatic Hydrocarbons	1,000	4.1	3.8	4	3.2	3.2	2.9	3.1	4.8	3.3	175	112	297	23.4	6.1
C9-C10 Aromatic Hydrocarbons	100	4.1	3.8	4	3.2	3.2	2.9	3.1	4.8	3.3	58	40.4	106	5.9	6.1

Results in mg/kg (parts per million)

Bold = Analyte detected at concentration

Italic = analyte not detected; listed value

TABLE 1
SUMMARY OF POST-EXCAVATION SOIL SAMPLE ANALYSES
Draft, July 29, 2021

Sample ID	Method 1 Standard S1-GW1	NSW-169E, 5"	NSW-191E 12"
Sampling Date		7/20	7/21
MA DEP EPH			
Naphthalene	4	<i>0.18</i>	<i>0.18</i>
2-Methylnaphthalene	0.7	<i>0.18</i>	<i>0.18</i>
Phenanthrene	10	<i>0.18</i>	<i>0.18</i>
Acenaphthene	4	<i>0.18</i>	<i>0.18</i>
C9-C18 Aliphatic Hydrocarbons	1,000	7	8
C19-C36 Aliphatic Hydrocarbons	3,000	7	8
C11-C22 Aromatic Hydrocarbons	1,000	4	4
MA DEP VPH			
Benzene	2	<i>0.3</i>	<i>0.3</i>
Ethylbenzene	40	<i>0.3</i>	<i>0.3</i>
Methyl t-butyl ether (MTBE)	0.1	<i>0.06</i>	<i>0.06</i>
Naphthalene	4	<i>0.6</i>	<i>0.6</i>
Toluene	30	<i>0.3</i>	<i>0.3</i>
Total xylenes	400	<i>0.3</i>	<i>0.3</i>
C5-C8 Aliphatic Hydrocarbons	100	6	6
C9-C12 Aliphatic Hydrocarbons	1,000	6	6
C9-C10 Aromatic Hydrocarbons	100	6	6

Results in mg/kg (parts per million)

Bold = Analyte detected at concentration

Italic = analyte not detected; listed value