

2023 Environment Monitoring Program Passive Air Sampling System																	
Sampler No.	Sampler ID	Location	Dist. to SRBT	(Bq/m ³)												Average	
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
				04-Jan	01-Feb	01-Mar	06-Apr	03-May-23	31-May-23	28-Jun	02-Aug	30-Aug-23					
Minimum Detectable Activity (Bq/m³)				0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83			0.66		
1	N250	N 45° 48.486' W 077° 07.092' Elev. 137m	322m	1.94	1.96	1.36	0.52	0.69	0.69	0.67	0.68	0.67	0.83	1.04			
2	N500	N 45° 48.572' W 077° 07.008' Elev. 134m	493m	0.80	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.96	0.70				
3	N1000	N 45° 48.869' W 077° 06.997' Elev. 135m	1040m	0.80	0.67	0.67	0.52	0.70	0.67	0.75	0.67	0.83	0.70				
4 (PAS #4)	NW250	N 45° 48.412' W 077° 07.189' Elev. 137m	222m	1.89	1.04	0.75	0.86	1.37	0.67	1.75	1.20	1.79	1.26				
5	NW500	N 45° 48.577' W 077° 07.382' Elev. 134m	615m	0.91	0.79	0.67	0.52	0.69	0.67	0.68	0.71	0.83	0.72				
6 (PAS # 8)	NW1000	N 45° 48.754' W 077° 07.599' Elev. 130m	1050m	0.77	0.93	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.71				
7	NW2000	N 45° 49.141' W 077° 08.090' Elev. 139m	2000m	0.54	1.00	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.70				
8	W250	N 45° 48.300' W 077° 07.323' Elev. 138m	297m	1.77	1.29	0.82	0.52	1.78	0.67	1.89	0.67	0.83	1.14				
9	W500	N 45° 48.288' W 077° 07.393' Elev. 137m	389m	1.06	0.71	0.68	0.52	0.69	0.67	1.25	0.67	0.83	0.79				
10	W1000	N 45° 48.306' W 077° 07.630' Elev. 134m	691m	0.94	0.67	1.00	0.52	0.69	0.67	1.14	0.67	0.83	0.79				
11	SW250	N 45° 48.247' W 077° 07.206' Elev. 140m	183m	1.23	0.96	0.67	0.52	0.69	0.67	1.04	0.91	1.54	0.91				
12	SW500	N 45° 47.896' W 077° 07.307' Elev. 148m	839m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
13	SW1000	N 45° 47.599' W 077° 07.543' Elev. 149m	1470m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
14	SW2000	N 45° 47.408' W 077° 07.866' Elev. 155m	2110m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
15	S250	N 45° 48.129' W 077° 07.014' Elev. 131m	356m	1.54	2.04	0.67	1.42	1.72	1.32	1.18	0.67	1.64	1.36				
16	S500	N 45° 48.029' W 077° 07.110' Elev. 143m	532m	0.77	0.67	0.67	0.52	0.93	0.67	0.68	0.67	1.21	0.75				
17 (PAS # 12)	S1000	N 45° 46.466' W 077° 07.441' Elev. 158m	1450m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
18	SE250	N 45° 48.189' W 077° 06.874' Elev. 132m	365m	3.46	2.54	2.36	4.19	1.37	1.39	3.04	1.17	1.86	2.38				
19	SE500	N 45° 48.108' W 077° 06.783' Elev. 123m	554m	1.77	1.75	0.75	2.14	0.69	0.89	1.57	0.67	1.36	1.29				
20	SE1000	N 45° 47.894' W 077° 06.501' Elev. 120m	1090m	0.66	0.67	0.67	0.67	0.85	0.67	1.07	0.67	0.83	0.75				
21	SE2000	N 45° 47.505' W 077° 05.978' Elev. 137m	2080m	0.60	0.67	0.67	0.52	0.69	0.67	0.79	0.67	0.83	0.68				
22	E250	N 45° 48.564' W 077° 11.556' Elev. 131m	220m	1.26	1.36	0.79	1.25	3.04	0.67	2.82	4.83	2.86	2.10				
23	E500	N 45° 48.333' W 077° 06.693' Elev. 132m	520m	0.66	1.11	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.72				
24	E1000	N 45° 48.303' W 077° 06.260' Elev. 143m	1080m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
25	NE250	N 45° 48.371' W 077° 06.964' Elev. 124m	198m	1.71	1.71	1.14	1.19	2.78	0.67	1.79	3.86	3.32	2.02				
26	NE500	N 45° 48.421' W 077° 06.732' Elev. 131m	508m	0.54	0.89	0.67	0.52	0.69	0.67	0.68	0.67	1.00	0.70				
27	NE1000	N 45° 48.683' W 077° 06.441' Elev. 148m	1100m	0.66	0.67	1.39	0.52	0.70	0.67	0.68	0.67	0.83	0.75				
28	NE2000	N 45° 49.116' W 077° 05.843' Elev. 156m	2200m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
(PAS #1)		N 45° 48.287' W 077° 07.123' Elev. 129m	94.1m	7.71	2.21	5.71	1.08	3.93	5.07	5.46	5.97	11.61	5.42				
(PAS #2)		N 45° 48.325' W 077° 07.132' Elev. 132m	52.8m	4.69	0.82	1.96	5.44	4.26	2.50	6.14	2.86	3.89	3.62				
(PAS #13)		N 45° 48.262' W 077° 07.093' Elev. 132m	61.5m	1.20	1.43	3.07	1.06	2.00	1.36	2.64	4.54	3.79	2.34				
4-2	NW250	N 45° 48.412' W 077° 07.189' Elev. 137m	222m	1.83	0.67	0.67	0.67	1.19	0.67	1.68	1.00	1.46	1.09				
11-2	SW250	N 45° 48.247' W 077° 07.206' Elev. 140m	183m	0.71	0.89	0.67	0.52	0.69	0.67	0.68	0.67	1.21	0.75				
18-2	SE250	N 45° 48.189' W 077° 06.874' Elev. 132m	365m	1.80	2.43	1.71	4.00	0.78	1.18	2.79	1.09	1.36	1.90				
25-2	NE250	N 45° 48.371' W 077° 06.964' Elev. 124m	198m	0.91	1.32	0.89	0.97	1.70	0.67	1.29	3.46	2.89	1.57				
Maika (PAS # 10)	SW	N 45° 46.367' W 077° 11.447' Elev. 149m	6690m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
Maika	Duplicate	Same as above	6690m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
Fitzpatrick	SE	N 45° 44.818' W 076° 59.822' Elev. 159m	11400m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
Petawawa	NW	N 45° 51.497' W 077° 12.828' Elev. 149m	9480m	0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.66				
Farm	NE	N 45° 53.071' W 076° 56.768' Elev. 142m	16000m	0.60	0.67	0.67	0.52	0.69	0.67	0.68	N/A	0.83	0.67				
Results shaded in blue are below minimum detectable activity				Sum	51.13	41.91	41.13	38.98	45.66	35.82	54.36	49.69	62.84	0.00	0.00	0.00	46.91