

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	04-Oct-23	01-Nov-23	30-Nov-23		
Minimum Detectable Activity (Bq/m³)				0.54	0.67	0.67	0.52	0.69	0.67	0.68	0.67	0.83	0.52	0.67	0.63	0.65	
1	N250	N 45° 48.486' W 077° 07.092' Elev. 137m	322m	1.94	1.96	1.36	0.52	0.69	0.67	0.68	0.67	0.83	2.17	5.68	3.17	1.70	
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	1.66	1.29	6.83	1.34	
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	0.97	0.82	0.66	0.73	
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	1.80	5.00	4.28	1.87	
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	0.57	1.46	0.97	0.79	
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	0.60	1.50	1.14	0.81	
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	0.91	0.67	1.21	0.76	
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	1.86	0.67	0.63	1.12	
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	1.34	1.43	0.90	0.90	
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	0.77	0.86	0.63	0.78	
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	1.43	0.67	0.63	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	0.69	0.67	0.66	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	0.54	0.67	0.63	0.65	
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	0.57	0.67	0.63	0.65	
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	1.34	2.04	1.55	1.43	
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	1.14	0.75	0.66	0.78	
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	0.69	0.67	1.17	0.71	
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	2.71	3.50	6.28	2.82	
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	1.86	1.29	3.10	1.49	
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	1.49	0.67	0.76	0.81	
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	0.83	0.67	0.69	0.69	
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	3.86	3.07	2.66	2.37	
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	1.03	1.18	1.55	0.86	
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	1.20	0.89	0.72	0.73	
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	3.89	4.68	8.38	2.93	
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	1.91	0.96	1.83	0.92	
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	1.51	0.82	1.10	0.85	
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	0.74	0.68	0.63	0.67	
(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	4.54	4.46	3.00	5.06	
(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	6.03	2.36	5.00	3.83	
(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	4.57	2.25	1.17	2.42	
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	1.20	4.75	3.41	1.60	
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	1.14	0.67	0.63	0.76	
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	2.43	3.25	4.38	2.27	
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	3.54	3.96	7.41	2.42	
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	0.67	0.66	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	0.52	0.67	0.63	0.65	
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	0.69	0.67	0.63	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	0.52	0.67	0.66	0.65	
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	0.52	0.67	0.63	0.65	
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	66.44	68.98	82.26	53.32