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A Division of METROLINX

Data Summary Q1, 2012

Item	Term	Description	Units
1)	NO	Nitric Oxide	ppb
2)	NO ₂	Nitrogen Dioxide	ppb
3)	NOX	Oxides of Nitrogen	ppb
4)	PM _{2.5}	Particulate Matter < 2.5 micron	µg/m ³
5)	CO	Carbon Monoxide	ppm
6)	SO ₂	Sulphur Dioxide	ppb
7)	WS	Resultant Mean Wind Speed	km/hr
8)	WD	Resultant Mean Wind Direction	Degrees
9)	ATEM	Ambient Temperature	°C
10)	SLR	Solar Radiation Flux Density	W/m ²
11)	BP	Barometric Pressure	mb
12)	RH	Relative Humidity	%
13)	PRECP	Total Precipitation	mm
14)	VOC	Volatile Organic Compounds	µg/m ³
15)	PAH	Polycyclic Aromatic Hydrocarbons	ng/m ³
16)	TSP	Total Suspended Particulate	µg/m ³
17)	ppb	Parts per billion	
18)	ppm	Parts per million	
19)	µg/m ³	Micrograms per cubic metre	
20)	ng/m ³	Nanograms per cubic metre	
21)	km/hr	Kilometres per hour	
22)	mm	Millimetres	
23)	mb	Millibars	
24)	W/m ²	Watts per square metre	
25)	GC/MS	Gas Chromatography / Mass Spectrometry	
26)	PUF	Polyurethane Foam	
27)	GF	Glass Fibre	
28)	RDL	Reportable Detection Limit	
29)	Ave	Average	
30)	Min	Minimum	
31)	Max	Maximum	
32)	MOE	Ministry of the Environment	
33)	AAQC	Ambient Air Quality Criteria	
34)	O. Reg 419/05	Ontario Regulation 419/05	
35)	CWS	Canada Wide Standard	
36)	WHO	World Health Organization	
37)	EST	Eastern Standard Time	
38)	Clock Average	1 Hr Clock Average (i.e. 09:00 to 10:00) 24 Hr Clock Average (i.e. 00:00 to 23:00)	
39)	Running Average	Creating a series of averages of varying subset time frames of the full dataset.	

Data Statistics		Maximum 24 Hr Running Average			Maximum 8 Hr Running Average			Maximum 1 Hr Running Average			Maximum ½ Hr Running Average			Maximum 24 Hr Clock Average		Maximum 1 Hr Clock Average		Monthly Mean						Percent Valid Data					
Station	Month	SO2	CO	NO2	CO	SO2	CO	NO2	SO2	CO	NO2	PM2.5	PM2.5	SO2	CO	PM2.5	NO	NO2	NOX	SO2	CO	PM2.5	NO	NO2	NOX				
		ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppb	ppm	ppb	µg/m³	µg/m³	ppb	ppb	ppb	µg/m³	ppm	ppb	%	%	%	%	%	%				
35021	January	3	0.53	39	0.52	7	1.09	59	7	1.11	60	14	28	0.7	0.23	6	10	20	30	100.0	99.7	100.0	100.0	100.0	100.0				
	February	2	0.34	32	0.52	6	0.78	51	7	0.81	51	20	31	0.7	0.20	8	8	19	27	100.0	100.0	100.0	100.0	100.0	100.0				
	March	4	0.46	37	0.61	12	1.00	66	13	1.13	66	20	46	0.8	0.19	8	11	18	29	99.7	99.9	99.9	99.9	99.9	99.9				
	Q1 Arithmetic Mean														0.7	0.21	7	10	19	29	99.9	99.9	100.0	100.0	100.0	100.0			

Event Statistics		Events > 24 Hr AAQC		Events > 8 Hr AAQC			Events > 1 Hr AAQC			Events > ½ Hr Standard			Events > 24 Hr WHO		Events > 1 Hr WHO	No. of Days > 24 Hr Ref. Level	
Station	Month	SO2	NO2	CO	SO2	CO	NO2	SO2	CO	NO2	SO2	PM2.5	NO2	PM2.5	No.	No.	
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
35021	January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	March	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Q1 Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Met. Statistics		Maximum 1 Hr Clock Average			Minimum 1 Hr Clock Average			Monthly Mean	Total Precipitation	Percent Valid Data							
Station	Month	WS	ATEM	PRECP	WS	ATEM	ATEM	PRECP	WS	WD	ATEM	SLR	BP	RH	PRECP		
		km/hr	°C	mm	km/hr	°C	°C	mm	%	%	%	%	%	%	%		
35021	January	25.2	11.4	3.6	0.1	-15.3	-0.7	35.6	100.0	100.0	100.0	99.9	100.0	100.0	100.0		
	February	23.8	11.3	2.0	0.0	-12.0	0.6	16.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	March	25.3	25.2	4.2	0.1	-13.0	7.4	25.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	Q1 Total							77.1									

Data Statistics		Maximum 24 Hr Running Average			Maximum 8 Hr Running Average			Maximum 1 Hr Running Average			Maximum ½ Hr Running Average			Maximum 24 Hr Clock Average		Maximum 1 Hr Clock Average		Monthly Mean					Percent Valid Data				
Station	Month	SO2	CO	NO2	CO	SO2	CO	NO2	SO2	CO	NO2	PM2.5	PM2.5	SO2	CO	PM2.5	NO	NO2	NOX	SO2	CO	PM2.5	NO	NO2	NOX		
		ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppb	ppm	ppb	µg/m ³	µg/m ³	ppb	ppb	ppb	µg/m ³	ppm	ppb	%	%	%	%	%	%		
35022	January	2	0.30	30	0.41	6	1.59	78	6	1.69	86	12	34	0.4	0.20	7	11	17	28	82.0	81.2	80.4	81.9	81.9	81.9		
	February	2	0.32	29	0.36	6	0.87	48	8	1.13	50	21	35	0.4	0.22	8	9	17	26	100.0	99.9	100.0	100.0	100.0	100.0		
	March	2	0.44	41	0.54	9	1.02	59	10	1.10	63	28	47	0.4	0.23	9	12	20	32	99.9	100.0	100.0	100.0	100.0	100.0		
	Q1 Arithmetic Mean														0.4	0.22	8	10	18	29	94.0	93.7	93.5	94.0	94.0	94.0	

Event Statistics		Events > 24 Hr AAQC		Events > 8 Hr AAQC		Events > 1 Hr AAQC			Events > ½ Hr Standard			Events > 24 Hr WHO		Events > 1 Hr WHO	No. of Days > 24 Hr Ref. Level	
Station	Month	SO2	NO2	CO	SO2	CO	NO2	SO2	CO	NO2	SO2	PM2.5	NO2	PM2.5	No.	No.
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
35022	January	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	February	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	March	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Q1 Total	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

Ambient Air Quality Criteria (AAQC)			
Period	SO2	CO	NO2
	ppb	ppm	ppb
1 Hr	250	30	200
8 Hr	---	13	---
24 Hr	100	---	100

O.Reg 419/05 Standards			
Period	SO2	CO	NO2
	ppb	ppm	ppb
½ Hr	300	5	250

WHO Air Quality Guidelines			
Period	SO2	PM2.5	NO2
	ppb	µg/m ³	ppb
1 Hr	---	---	100
24 Hr	7	25	---

CWS PM2.5 Reference Level	
Period	PM2.5
	µg/m ³
24 Hr	30

Note : Station 35022 commissioned 06 January, 2012.



Station : 35020 **Sample Matrix** : Teflon Coated Filter
Location : Wallace Avenue, Toronto **Method** : IO-3.1
Reporting Period : 01 January, 2012 to 31 March, 2012 **Valid Samples - Number / %** : 15 / 100%

Parameter	TSP	Hg	As	Cd	Cr	Co	Cu	Pb	Mn	Ni	Se	V	Zn
Name		Mercury	Arsenic	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Vanadium	Zinc
Units	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
AAQC	120	2	0.3	0.025	0.5	0.1	50	0.5	0.4	0.2	10	2	120
RDL	3	0.00001	0.0037	0.0012	0.0012	0.0012	0.0012	0.0018	0.00061	0.0018	0.0061	0.0012	0.0031
Date													
04-Jan-12	37	0.000040	0.00185	0.0006	0.0423	0.0006	0.0149	0.0155	0.0420	0.0061	0.00305	0.0266	0.1450
10-Jan-12	23	0.000010	0.00185	0.0006	0.0405	0.0006	0.0144	0.0071	0.0308	0.0056	0.00305	0.0260	0.1440
16-Jan-12	34	0.000040	0.00185	0.0006	0.0410	0.0006	0.0147	0.0102	0.0365	0.0060	0.00305	0.0263	0.1610
22-Jan-12	24	0.000005	0.00185	0.0006	0.0406	0.0006	0.0090	0.0079	0.0200	0.0055	0.00305	0.0263	0.1360
28-Jan-12	14	0.000020	0.00185	0.0006	0.0412	0.0006	0.0090	0.0087	0.0198	0.0058	0.00305	0.0265	0.1550
03-Feb-12	39	0.000010	0.00185	0.0006	0.0460	0.0014	0.0200	0.0123	0.0389	0.0069	0.00305	0.0289	0.1520
09-Feb-12	47	0.000020	0.00185	0.0006	0.0422	0.0013	0.0178	0.0105	0.0403	0.0065	0.00305	0.0261	0.1420
15-Feb-12	32	0.000020	0.00185	0.0006	0.0445	0.0006	0.0142	0.0101	0.0313	0.0059	0.00305	0.0275	0.1440
21-Feb-12	35	0.000040	0.00185	0.0006	0.0446	0.0006	0.0136	0.0132	0.0308	0.0073	0.00305	0.0270	0.1530
27-Feb-12	44	0.000010	0.00390	0.0006	0.0446	0.0006	0.0170	0.0092	0.0442	0.0068	0.00305	0.0288	0.2910
04-Mar-12	21	0.000005	0.00185	0.0006	0.0430	0.0006	0.0083	0.0419	0.0268	0.0061	0.00305	0.0280	0.1360
10-Mar-12	19	0.000005	0.00370	0.0006	0.0444	0.0006	0.0110	0.0077	0.0273	0.0063	0.00305	0.0281	0.1530
16-Mar-12	65	0.000020	0.00580	0.0006	0.0431	0.0014	0.0306	0.0185	0.0511	0.0069	0.00305	0.0264	0.2440
22-Mar-12	86	0.000030	0.00540	0.0006	0.0472	0.0015	0.0438	0.0294	0.0700	0.0090	0.00305	0.0278	0.2560
28-Mar-12	40	0.000005	0.00185	0.0006	0.0413	0.0006	0.0145	0.0108	0.0403	0.0065	0.00305	0.0261	0.1460
Ave	37	0.000019	0.00261	0.0006	0.0431	0.0008	0.0169	0.0142	0.0367	0.0065	0.00305	0.0271	0.1705
Max	86	0.000040	0.00580	0.0006	0.0472	0.0015	0.0438	0.0419	0.0700	0.0090	0.00305	0.0289	0.2910
Min	14	0.000005	0.00185	0.0006	0.0405	0.0006	0.0083	0.0071	0.0198	0.0055	0.00305	0.0260	0.1360
No. > AAQC	0	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: All non detectable results are reported as ½ the detection limit.

Station : 35020 **Sample Matrix** : PUF Cartridge
Location : Wallace Avenue, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 January, 2012 to 31 March, 2012 **Valid Samples - No. / %** : 15 / 100%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC
1,2-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	1.100	0.930	0.690	0.335	0.335	1.900	0.335	0.910	0.335	0.335	1.100	0.680	0.335	0.740	0.335	0.693	1.900	0.335	x
1-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.700	1.200	0.335	0.417	1.200	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylanthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	1.900	1.700	1.200	1.100	0.960	3.100	1.000	1.600	0.790	0.610	2.000	1.200	1.000	1.400	1.100	1.377	3.100	0.610	x
3-Methylcholanthrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9,10-Dimethylanthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	1.500	0.470	1.700	0.560	0.760	1.300	0.920	1.000	1.400	1.100	2.300	1.500	2.000	4.400	2.900	1.587	4.400	0.470	x
Acenaphthylene	x	0.330	2.600	8.300	0.890	0.400	0.500	2.400	0.440	0.780	0.430	0.165	1.300	0.165	0.730	0.350	0.165	1.308	8.300	0.165	x
Anthracene	x	0.330	0.500	0.165	0.165	0.165	0.165	0.560	0.165	0.165	0.165	0.165	0.760	0.165	0.800	1.600	0.630	0.422	1.600	0.165	x
Benzo(a)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Benzo(a)pyrene	0.05	0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(b)fluorene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(j)fluoranthene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	1.600	0.830	1.000	0.900	0.860	1.500	1.000	1.300	0.820	0.335	1.500	0.660	0.830	0.960	0.730	0.988	1.600	0.335	x
Chrysene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Coronene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenz(a,h)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenzo(a,i)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	1.900	0.670	2.400	0.660	1.100	1.600	1.100	1.400	1.500	1.400	1.200	0.810	4.000	7.700	3.000	2.029	7.700	0.660	x
Fluorene	x	0.330	3.300	1.400	3.800	1.400	2.100	3.000	2.500	2.800	2.900	2.400	2.400	1.400	4.900	8.700	5.700	3.247	8.700	1.400	x
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
m-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	2.200	1.600	1.700	1.500	1.300	2.900	1.100	1.700	1.100	0.710	2.300	2.100	1.400	1.700	1.200	1.634	2.900	0.710	0
o-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Phenanthrene	x	1.30	6.5	2.2	7.0	2.5	3.8	5.9	4.5	5.4	5.0	4.4	4.9	2.8	18.0	39.0	13.0	8.33	39.00	2.20	x
p-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	1.700	0.570	1.400	0.470	0.860	1.400	0.790	1.000	0.950	0.770	1.100	0.520	2.000	3.300	1.400	1.215	3.300	0.470	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Tetralin	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(b)anthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: All non detectable results are reported as 1/2 the detection limit.

Note 2: At the time of the AAQM RP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 January, 2012 to 31 March, 2012

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC No.
1,2-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylantracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
3-Methylcholanthrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9,10-Dimethylantracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Acenaphthylene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Benzo(a)pyrene	0.05	0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	0.570	0.165	0.720	0.165	0.165	0.360	0.165	0.165	0.165	0.330	0.165	0.165	0.460	0.510	0.870	0.343	0.870	0.165	x
Benzo(b)fluorene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	0.410	0.165	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.360	0.450	0.540	0.251	0.540	0.165	x
Benzo(j)fluoranthene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Chrysene	x	0.330	0.350	0.165	0.490	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.570	0.226	0.570	0.165	x
Coronene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenz(a,h)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenzo(a,i)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	0.350	0.165	0.660	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.510	1.200	0.302	1.200	0.165	x
Fluorene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.460	0.185	0.460	0.165	x
m-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0
o-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Phenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.500	0.346	0.500	0.335	x
p-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	0.310	0.165	0.520	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.350	1.000	0.266	1.000	0.165	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Tetralin	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(b)anthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: All non detectable results are reported as ½ the detection limit.

Note 2: At the time of the AAQM RP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 January, 2012 to 31 March, 2012

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC
1,2-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	1.100	0.930	0.690	0.335	0.335	1.900	0.335	0.910	0.335	0.335	1.100	0.680	0.335	0.740	0.335	0.693	1.900	0.335	x
1-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.700	1.200	0.335	0.417	1.200	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylanthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	1.900	1.700	1.200	1.100	0.960	3.100	1.000	1.600	0.790	0.610	2.000	1.200	1.000	1.400	1.100	1.377	3.100	0.610	x
3-Methylcholanthrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9,10-Dimethylanthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	1.500	0.470	1.700	0.560	0.760	1.300	0.920	1.000	1.400	1.100	2.300	1.500	2.000	4.400	2.900	1.587	4.400	0.470	x
Acenaphthylene	x	0.330	2.600	8.300	0.890	0.400	0.500	2.400	0.440	0.780	0.430	0.165	1.300	0.165	0.730	0.350	0.165	1.308	8.300	0.165	x
Anthracene	x	0.330	0.500	0.165	0.165	0.165	0.165	0.560	0.165	0.165	0.165	0.165	0.760	0.165	0.800	1.600	0.630	0.422	1.600	0.165	x
Benzo(a)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.640	0.197	0.640	0.165	x
Benzo(a)fluorene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Benzo(a)pyrene	0.05	0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	0.570	0.165	0.165	0.165	0.165	0.360	0.165	0.165	0.165	0.330	0.165	0.165	0.460	0.165	0.870	0.283	0.870	0.165	x
Benzo(b)fluorene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	0.410	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.360	0.165	0.540	0.219	0.540	0.165	x
Benzo(j)fluoranthene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	1.600	0.830	1.000	0.900	0.860	1.500	1.000	1.300	0.820	0.335	1.500	0.660	0.830	0.960	0.730	0.988	1.600	0.335	x
Chrysene	x	0.330	0.350	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.570	0.204	0.570	0.165	x
Coronene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenz(a,h)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenzo(a,i)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	2.300	0.670	2.400	0.660	1.100	1.600	1.100	1.400	1.500	1.400	1.200	0.810	4.000	8.200	4.200	2.169	8.200	0.660	x
Fluorene	x	0.330	3.300	1.400	3.800	1.400	2.100	3.000	2.500	2.800	2.900	2.400	2.400	1.400	4.900	8.700	5.700	3.247	8.700	1.400	x
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.460	0.185	0.460	0.165	x	
m-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	2.200	1.600	1.700	1.500	1.300	2.900	1.100	1.700	1.100	0.710	2.300	2.100	1.400	1.700	1.200	1.634	2.900	0.710	0
o-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Phenanthrene	x	1.30	6.5	2.2	7.0	2.5	3.8	5.9	4.5	5.4	5.0	4.4	4.9	2.8	18.0	39.0	13.5	8.36	39.00	2.20	x
p-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	2.000	0.570	1.400	0.470	0.860	1.400	0.790	1.000	0.950	0.770	1.100	0.520	2.000	3.700	2.400	1.329	3.700	0.470	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Tetralin	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(b)anthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: All non detectable results are reported as ½ the detection limit.

Note 2: At the time of the AAQM RP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.



Station : 35021 **Sample Matrix** : Teflon Coated Filter
Location : Weston Road, Toronto **Method** : IO-3.1
Reporting Period : 01 January, 2012 to 31 March, 2012 **Valid Samples - Number / %** : 15 / 100%

Parameter Name	TSP	Hg Mercury	As Arsenic	Cd Cadmium	Cr Chromium	Co Cobalt	Cu Copper	Pb Lead	Mn Manganese	Ni Nickel	Se Selenium	V Vanadium	Zn Zinc
Units	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
AAQC	120	2	0.3	0.025	0.5	0.1	50	0.5	0.4	0.2	10	2	120
RDL	3	0.00001	0.0037	0.0012	0.0012	0.0012	0.0012	0.0018	0.00061	0.0018	0.0061	0.0012	0.0031
Date													
04-Jan-12	46	0.000040	0.00185	0.0006	0.0418	0.0006	0.0128	0.0122	0.0412	0.0059	0.00305	0.0271	0.1500
10-Jan-12	71	0.000020	0.00370	0.0006	0.0444	0.0013	0.0164	0.0081	0.0591	0.0063	0.00305	0.0289	0.1580
16-Jan-12	30	0.000030	0.00185	0.0006	0.0410	0.0006	0.0152	0.0096	0.0320	0.0058	0.00305	0.0264	0.1570
22-Jan-12	36	0.000010	0.00390	0.0006	0.0424	0.0006	0.0103	0.0082	0.0259	0.0065	0.00305	0.0253	0.1530
28-Jan-12	18	0.000010	0.00390	0.0006	0.0391	0.0006	0.0096	0.0089	0.0209	0.0059	0.00305	0.0258	0.1580
03-Feb-12	66	0.000010	0.00185	0.0006	0.0456	0.0015	0.0211	0.0104	0.0644	0.0070	0.00305	0.0280	0.1510
09-Feb-12	63	0.000020	0.00380	0.0006	0.0455	0.0015	0.0186	0.0231	0.0547	0.0070	0.00305	0.0286	0.1540
15-Feb-12	39	0.000020	0.00185	0.0006	0.0432	0.0006	0.0131	0.0113	0.0382	0.0058	0.00305	0.0269	0.1500
21-Feb-12	49	0.000020	0.00410	0.0006	0.0454	0.0006	0.0191	0.0114	0.0433	0.0077	0.00305	0.0278	0.1200
27-Feb-12	70	0.000010	0.00390	0.0006	0.0441	0.0014	0.0154	0.0093	0.0515	0.0065	0.00305	0.0280	0.1860
04-Mar-12	32	0.000005	0.00185	0.0006	0.0424	0.0006	0.0110	0.0065	0.0380	0.0061	0.00305	0.0269	0.1440
10-Mar-12	22	0.000020	0.00390	0.0006	0.0402	0.0006	0.0105	0.0070	0.0315	0.0057	0.00305	0.0258	0.1370
16-Mar-12	92	0.000020	0.00440	0.0006	0.0479	0.0015	0.0349	0.0205	0.0811	0.0078	0.00305	0.0295	0.2230
22-Mar-12	105	0.000020	0.00520	0.0006	0.0493	0.0017	0.0457	0.0305	0.0895	0.0092	0.00305	0.0292	0.3090
28-Mar-12	48	0.000005	0.00185	0.0006	0.0432	0.0013	0.0172	0.0106	0.0514	0.0067	0.00305	0.0270	0.1650
Ave	52	0.000017	0.00319	0.0006	0.0437	0.0010	0.0181	0.0125	0.0482	0.0067	0.00305	0.0274	0.1677
Max	105	0.000040	0.00520	0.0006	0.0493	0.0017	0.0457	0.0305	0.0895	0.0092	0.00305	0.0295	0.3090
Min	18	0.000005	0.00185	0.0006	0.0391	0.0006	0.0096	0.0065	0.0209	0.0057	0.00305	0.0253	0.1200
No. > AAQC	0	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: All non detectable results are reported as ½ the detection limit.

Station : 35021 **Sample Matrix** : PUF Cartridge
Location : Weston Road, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 January, 2012 to 31 March, 2012 **Valid Samples - No. / %** : 15 / 100%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples	
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC	
1,2-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	1.400	0.335	1.100	0.335	1.000	0.990	0.910	1.500	0.335	0.335	1.100	1.200	2.000	0.720	0.335	0.906	2.000	0.335	0.335	x
1-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.840	0.335	0.369	0.840	0.335	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylanthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	2.200	1.100	2.000	1.200	2.000	1.800	1.700	2.800	0.930	0.860	2.100	2.300	3.700	1.400	0.910	1.800	3.700	0.860	0.860	x
3-Methylcholanthrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9,10-Dimethylanthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	1.000	0.940	1.200	0.760	0.630	0.660	0.410	0.500	0.600	0.360	0.740	1.600	2.000	2.100	0.630	0.942	2.100	0.360	0.360	x
Acenaphthylene	x	0.330	2.000	0.740	1.100	0.630	0.800	1.100	0.710	0.970	0.630	0.165	0.390	0.640	0.910	0.350	0.165	0.753	2.000	0.165	0.165	x
Anthracene	x	0.330	0.400	0.165	0.420	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.350	0.400	0.810	0.165	0.269	0.810	0.165	0.165	x
Benzo(a)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Benzo(a)pyrene	0.05	0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(b)fluorene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(j)fluoranthene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	1.600	0.335	1.200	1.000	1.100	0.790	1.000	1.100	0.700	0.335	0.840	1.500	1.300	0.335	0.335	0.898	1.600	0.335	0.335	x
Chrysene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Coronene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenz(a,h)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenzo(a,i)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	1.500	1.200	1.500	0.900	1.500	0.990	0.840	1.000	1.500	0.760	0.320	0.960	2.400	3.900	0.820	1.339	3.900	0.320	0.320	x
Fluorene	x	0.330	2.500	2.300	3.400	1.900	2.300	2.000	1.900	1.800	2.600	1.400	0.710	1.700	4.100	4.000	1.800	2.294	4.100	0.710	0.710	x
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
m-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	2.100	1.100	2.600	1.500	2.100	0.490	1.500	3.000	1.100	0.890	2.000	2.800	3.500	1.500	0.970	1.810	3.500	0.490	0.490	0
o-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Phenanthrene	x	1.30	5.1	4.2	5.8	3.5	4.3	1.1	3.2	3.8	4.8	2.3	1.3	3.3	12.0	20.0	3.6	5.22	20.00	1.07	1.07	x
p-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	1.200	1.100	1.000	0.760	1.100	0.270	0.710	0.700	1.200	0.530	0.165	0.730	1.200	1.900	0.500	0.871	1.900	0.165	0.165	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Tetralin	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(b)anthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: All non detectable results are reported as 1/2 the detection limit.

Note 2: At the time of the AAQM RP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Station : 35021 **Sample Matrix** : 102mm GF Filter
Location : Weston Road, Toronto **Method** : GC/MS (TO13)
Reporting Period : 01 January, 2012 to 31 March, 2012 **Valid Samples - No. / %** : 15 / 100%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples	
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC No.	
1,2-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylantracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
3-Methylcholanthrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9,10-Dimethylantracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Acenaphthylene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Benzo(a)pyrene	0.05	0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	0.490	0.165	0.520	0.165	0.165	0.165	0.165	0.165	0.165	0.330	0.165	0.165	0.440	1.400	0.165	0.322	1.400	0.165	0.165	x
Benzo(b)fluorene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(j)fluoranthene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Chrysene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Coronene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenz(a,h)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenzo(a,i)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	0.165	0.165	0.450	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.150	0.165	0.183	0.450	0.150	0.165	x
Fluorene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
m-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0
o-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Phenanthrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
p-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	0.165	0.165	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.300	0.165	0.187	0.360	0.165	0.165	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Tetralin	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(b)anthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: All non detectable results are reported as ½ the detection limit.

Note 2: At the time of the AAQM RP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 January, 2012 to 31 March, 2012

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples	
	24 Hr																	ng/m ³	ng/m ³	ng/m ³	> AAQC	
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	No.	
1,2-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	1.400	0.335	1.100	0.335	1.000	0.990	0.910	1.500	0.335	0.335	1.100	1.200	2.000	0.720	0.335	0.906	2.000	0.335	0.335	x
1-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.840	0.335	0.369	0.840	0.335	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylanthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	2.200	1.100	2.000	1.200	2.000	1.800	1.700	2.800	0.930	0.860	2.100	2.300	3.700	1.400	0.910	1.800	3.700	0.860	0.860	x
3-Methylcholanthrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9,10-Dimethylanthracene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
9-Methylphenanthrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	1.000	0.940	1.200	0.760	0.630	0.660	0.410	0.500	0.600	0.360	0.740	1.600	2.000	2.100	0.630	0.942	2.100	0.360	0.360	x
Acenaphthylene	x	0.330	2.000	0.740	1.100	0.630	0.800	1.100	0.710	0.970	0.630	0.165	0.390	0.640	0.910	0.350	0.165	0.753	2.000	0.165	0.165	x
Anthracene	x	0.330	0.400	0.165	0.420	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.350	0.400	0.810	0.165	0.269	0.810	0.165	0.165	x
Benzo(a)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Benzo(a)pyrene	0.05	0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	0.490	0.165	0.520	0.165	0.165	0.165	0.165	0.165	0.165	0.330	0.165	0.165	0.440	1.400	0.165	0.322	1.400	0.165	0.165	x
Benzo(b)fluorene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(j)fluoranthene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	1.600	0.335	1.200	1.000	1.100	0.790	1.000	1.100	0.700	0.335	0.840	1.500	1.300	0.335	0.335	0.898	1.600	0.335	0.335	x
Chrysene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Coronene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenz(a,h)anthracene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Dibenzo(a,i)pyrene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	1.500	1.200	2.000	0.900	1.500	0.990	0.840	1.000	1.500	0.760	0.320	0.960	2.400	4.100	0.820	1.386	4.100	0.320	0.320	x
Fluorene	x	0.330	2.500	2.300	3.400	1.900	2.300	2.000	1.900	1.800	2.600	1.400	0.710	1.700	4.100	4.000	1.800	2.294	4.100	0.710	0.710	x
Indeno(1,2,3-cd)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
m-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	2.100	1.100	2.600	1.500	2.100	0.490	1.500	3.000	1.100	0.890	2.000	2.800	3.500	1.500	0.970	1.810	3.500	0.490	0.490	0
o-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Phenanthrene	x	1.30	5.1	4.2	5.8	3.5	4.3	1.1	3.2	3.8	4.8	2.3	1.3	3.3	12.0	20.0	3.6	5.22	20.00	1.07	1.07	x
p-Terphenyl	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	1.200	1.100	1.400	0.760	1.100	0.270	0.710	0.700	1.200	0.530	0.165	0.730	1.200	2.200	0.500	0.918	2.200	0.165	0.165	x
Quinoline	x	1.30	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65	x
Tetralin	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(b)anthracene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: All non detectable results are reported as ½ the detection limit.

Note 2: At the time of the AAQM RP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.



Station : 35022 **Sample Matrix** : Teflon Coated Filter
Location : Strachan Avenue, Toronto **Method** : IO-3.1
Reporting Period : 01 January, 2012 to 31 March, 2012 **Valid Samples - Number / %** : 12 / 85.7%

Parameter	TSP	Hg	As	Cd	Cr	Co	Cu	Pb	Mn	Ni	Se	V	Zn
Name		Mercury	Arsenic	Cadmium	Chromium	Cobalt	Copper	Lead	Manganese	Nickel	Selenium	Vanadium	Zinc
Units	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³	µg/m ³
AAQC	120	2	0.3	0.025	0.5	0.1	50	0.5	0.4	0.2	10	2	120
RDL	3	0.00001	0.0037	0.0012	0.0012	0.0012	0.0012	0.0018	0.00061	0.0018	0.0061	0.0012	0.0031
Date													
04-Jan-12	---	---	---	---	---	---	---	---	---	---	---	---	---
10-Jan-12	88	0.000030	0.00185	0.0006	0.0416	0.0023	0.0216	0.0098	0.0607	0.0102	0.00305	0.0271	0.1390
16-Jan-12	24	0.000020	0.00185	0.0006	0.0384	0.0006	0.0128	0.0075	0.0261	0.0056	0.00305	0.0244	0.1270
22-Jan-12	36	0.000010	0.00185	0.0006	0.0421	0.0006	0.0129	0.0075	0.0262	0.0061	0.00305	0.0267	0.1270
28-Jan-12	19	0.000020	0.00380	0.0006	0.0413	0.0006	0.0147	0.0073	0.0219	0.0056	0.00305	0.0267	0.1370
03-Feb-12	75	0.000020	0.00370	0.0006	0.0456	0.0023	0.0221	0.0112	0.0579	0.0082	0.00305	0.0288	0.1550
09-Feb-12	71	0.000005	0.00185	0.0006	0.0462	0.0017	0.0243	0.0105	0.0541	0.0081	0.00305	0.0285	0.1670
15-Feb-12	43	0.000050	0.00400	0.0006	0.0451	0.0006	0.0198	0.0098	0.0430	0.0077	0.00305	0.0268	0.1560
21-Feb-12	37	0.000010	0.00390	0.0006	0.0442	0.0006	0.0138	0.0083	0.0359	0.0066	0.00305	0.0267	0.1240
27-Feb-12	Sample Invalid - Pest Damage												
04-Mar-12	23	0.000005	0.00185	0.0006	0.0385	0.0006	0.0095	0.0060	0.0241	0.0055	0.00305	0.0248	0.1090
10-Mar-12	Sample Invalid - Pest Damage												
16-Mar-12	88	0.000030	0.00400	0.0006	0.0467	0.0016	0.0385	0.0184	0.0633	0.0082	0.00305	0.0282	0.2140
22-Mar-12	127	0.000020	0.00530	0.0006	0.0487	0.0021	0.0505	0.0223	0.0901	0.0097	0.00305	0.0292	0.2000
28-Mar-12	128	0.000005	0.00185	0.0006	0.0404	0.0021	0.0214	0.0128	0.0738	0.0086	0.00305	0.0269	0.1480

Ave	63	0.000019	0.00298	0.0006	0.0432	0.0013	0.0218	0.0110	0.0481	0.0075	0.00305	0.0271	0.1503
Max	128	0.000050	0.00530	0.0006	0.0487	0.0023	0.0505	0.0223	0.0901	0.0102	0.00305	0.0292	0.2140
Min	19	0.000005	0.00185	0.0006	0.0384	0.0006	0.0095	0.0060	0.0219	0.0055	0.00305	0.0244	0.1090
No. > AAQC	2	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: Station commissioned January 6, 2012.

Note 2: All non detectable results are reported as ½ the detection limit.

Station : 35022
 Location : Strachan Avenue, Toronto
 Reporting Period : 01 January, 2012 to 31 March, 2012

Sample Matrix : SUMMA Canisters
 Method : GC/MS (TO15A)
 Valid Samples - No. / % : 13 / 92.9%

Parameter	AAQC	RDL	Date														Ave	Max	Min	Samples > AAQC		
	24 Hr		04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12					28-Mar-12	µg/m ³
2,2,4-Trimethylpentane	x	0.934	---	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	x
Carbon Disulfide	330	1.56	---	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0
Propene	4000	0.516	---	2.810	3.500	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	2.58	0
Vinyl Acetate	x	0.704	---	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	x
Dichlorodifluoromethane	500000	0.989	---	3.6100	3.8100	3.3100	3.2800	3.7700	3.5400	3.1300	3.2400	3.8100	3.6600	3.8200	3.8700							0
Vinyl Chloride	1	0.051	---	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0.0255	0
1,2-Dichlorotetrafluoroethane	700000	1.19	---	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0.595	0
1,3-Butadiene	10	0.11	---	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0
Chloromethane	320	0.620	---	1.560	1.260	1.170	1.120	1.170	1.190	1.030	1.070	1.500	1.240	1.340	1.130							0
Trichlorotrifluoroethane	800000	0.38	---	0.92	0.97	0.95	0.93	0.78	0.77	0.60	0.59	0.74	0.78	0.78	0.75							0
Vinyl Bromide	x	0.22	---	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	x
Chloroethane	5600	0.792	---	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0.396	0
Chloroform	1	0.24	---	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0.12	0
1,2-Dichloroethane	2	0.20	---	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0.10	0
Carbon Tetrachloride	2.4	0.31	---	0.700	0.580	0.760	0.780	0.730	0.690	0.155	0.700	0.720	0.680	0.530								0
Trichlorofluoromethane	6000	1.12	---	1.88	1.96	1.65	1.64	2.07	1.98	1.84	1.81	1.85	1.88	1.77	1.97							0
Benzene	2.3	0.16	---	0.94	1.10	0.89	0.93	1.40	0.84	0.80	0.70	0.76	0.62	0.56	1.20							0
Ethanol	19000	4.33	---	2.165	2.165	5.120	2.165	2.165	2.165	2.165	2.165	4.510	2.165	17.800								0
Trichloroethylene	12	0.27	---	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135	0.135							0
2-propanol	7300	7.37	---	3.685	3.685	3.685	3.685	3.685	3.685	3.685	3.685	3.685	3.685	3.685	3.685							0
Bromodichloromethane	x	0.34	---	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	x
2-Propanone	11880	1.90	---	61.70	5.48	2.21	3.01	6.73	4.42	4.87	8.61	3.82	4.31	3.80	<1.90							0
cis-1,3-Dichloropropene	x	0.23	---	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115							x
Methyl Ethyl Ketone	1000	8.85	---	12.100	4.425	4.425	4.425	4.425	4.425	4.425	4.425	4.425	4.425	4.425	4.425							0
trans-1,3-Dichloropropene	x	0.23	---	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115							x
1,1,2-Trichloroethane	x	0.22	---	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11							x
Methyl Isobutyl Ketone	1200	13.1	---	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55							0
Dibromochloromethane	x	0.43	---	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215							x
Methyl Butyl Ketone	x	8.19	---	4.095	4.095	4.095	4.095	4.095	4.095	4.095	4.095	4.095	4.095	4.095	4.095							x
Ethylene Dibromide	3	0.38	---	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19							0
Methyl t-butyl ether (MTBE)	7000	0.721	---	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605	0.3605							0
1,1,2,2-Tetrachloroethane	x	0.34	---	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17							x
Ethyl Acetate	x	7.93	---	3.965	3.965	3.965	3.965	3.965	3.965	3.965	3.965	3.965	3.965	3.965	3.965							0
1,1-Dichloroethylene	10	0.991	---	0.4955	0.4955	0.4955	0.4955	0.4955	0.4955	0.4955	0.4955	0.4955	0.4955	0.4955	0.4955							0
Benzyl chloride	x	0.26	---	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13							x
cis-1,2-Dichloroethylene	105	0.753	---	0.3675	0.3675	0.3675	0.3675	0.3675	0.3675	0.3675	0.3675	0.3675	0.3675	0.3675	0.3675							0
Hexachlorobutadiene	x	0.53	---	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265							x
trans-1,2-Dichloroethylene	105	0.793	---	0.3965	0.3965	0.3965	0.3965	0.3965	0.3965	0.3965	0.3965	0.3965	0.3965	0.3965	0.3965							0
Methylene Chloride	220	2.78	---	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39							0
1,1-Dichloroethane	165	0.809	---	0.4045	0.4045	0.4045	0.4045	0.4045	0.4045	0.4045	0.4045	0.4045	0.4045	0.4045	0.4045							0
1,1,1-Trichloroethane	115000	1.64	---	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82	0.82							0
1,2-Dichloropropane	2400	1.85	---	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925	0.925							0
Bromomethane	1350	0.699	---	0.3495	0.3495	0.3495	0.3495	0.3495	0.3495	0.3495	0.3495	0.3495	0.3495	0.3495	0.3495							0
Bromoform	55	2.07	---	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035	1.035							0
Heptane	11000	1.23	---	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615	0.615							0
Tetrachloroethylene	360	1.36	---	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68	0.68							0
Toluene	2000	0.753	---	1.6300	0.7880	0.7540	0.9100	1.8300	0.7910	1.2200	0.7860	1.2800	0.3765	0.3675	4.270							0
Ethylbenzene	1000	0.868	---	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.980							0
p+m-Xylene	730	1.61	---	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	2.810							0
o-Xylene	730	0.868	---	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	1.100							0
Styrene	400	0.852	---	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.426	0.426							0
1,3,5-Trimethylbenzene	220	2.46	---	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23							0
1,4-Trimethylbenzene	220	2.46	---	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23							0
4-ethyltoluene	x	10.8	---	5.4	5.4	5.4																

Station : 35022
Location : Strachan Avenue, Toronto
Reporting Period : 01 January, 2012 to 31 March, 2012

Sample Matrix : PUF Cartridge
Method : GC/MS (TO13)
Valid Samples - No. / % : 11 / 78.6%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC No.
1,2-Dimethylnaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	---	3.900	1.700	1.300	1.900	6.500	3.800	1.500	0.930				8.500	4.800	2.200	3.366	8.500	0.930	x
1-Methylphenanthrene	x	0.670	---	0.335	0.335	0.335	0.335	0.700	0.335	0.335	0.335				1.100	1.800	1.200	0.650	1.800	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylantracene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	---	8.000	3.200	2.500	3.700	13.00	6.800	2.800	1.700				17.00	9.400	4.400	6.591	17.000	1.700	x
3-Methylcholanthrene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
9,10-Dimethylantracene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
9-Methylphenanthrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	---	37.00	3.900	7.000	11.00	39.00	44.00	11.00	4.300				35.00	27.00	21.00	21.836	44.000	3.900	x
Acenaphthylene	x	0.330	---	1.400	0.610	0.470	0.560	2.500	1.700	0.630	0.400				1.600	0.890	0.710	1.043	2.500	0.400	x
Anthracene	x	0.330	---	2.500	0.165	0.600	0.400	1.500	2.200	2.200	0.430				2.000	3.300	2.200	1.590	3.300	0.165	x
Benzo(a)anthracene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Benzo(a)pyrene	0.05	0.330	---	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330				<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(b)fluorene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(j)fluoranthene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	---	3.400	1.200	1.400	2.300	5.500	4.800	1.800	1.000				6.300	5.100	3.000	3.255	6.300	1.000	x
Chrysene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Coronene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Dibenz(a,h)anthracene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Dibenzo(a,i)pyrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	---	5.300	1.700	2.200	1.500	4.700	3.500	1.370	2.500				8.800	13.00	11.00	5.052	13.000	1.370	x
Fluorene	x	0.330	---	57.00	4.400	9.900	6.100	37.00	33.00	7.880	7.800				35.00	50.00	47.00	26.825	57.000	4.400	x
Indeno(1,2,3-cd)pyrene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
m-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	---	8.800	4.600	2.900	2.200	11.00	5.600	1.020	2.000				13.00	5.300	3.400	5.438	13.000	1.020	0
o-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Phenanthrene	x	1.30	---	79.0	7.3	15.0	9.0	46.0	26.0	8.5	12.0				91.0	120.0	110.0	47.62	120.00	7.30	x
p-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	---	2.800	0.870	1.100	0.800	2.400	1.900	0.760	1.300				3.600	4.900	4.000	2.221	4.900	0.760	x
Quinoline	x	1.30	---	1.50	0.65	0.65	0.65	2.80	0.65	0.65	0.65				3.10	2.30	1.70	1.39	3.10	0.65	x
Tetralin	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(b)anthracene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x

Samples Invalid - Pest Damage

Note 1: Station commissioned January 6, 2012.

Note 2: All non detectable results are reported as ½ the detection limit.

Note 3: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Station : 35022
Location : Strachan Avenue, Toronto
Reporting Period : 01 January, 2012 to 31 March, 2012

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 11 / 78.6%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC No.
1,2-Dimethylnaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylphenanthrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylanthracene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
3-Methylcholanthrene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
9,10-Dimethylanthracene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
9-Methylphenanthrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Acenaphthylene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Anthracene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)anthracene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Benzo(a)pyrene	0.05	0.330	---	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330				<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	---	0.165	0.490	0.165	0.165	0.165	0.165	0.360	0.360				0.430	0.570	0.480	0.335	0.570	0.165	x
Benzo(b)fluorene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.400	0.410	0.165	0.209	0.410	0.165	x
Benzo(j)fluoranthene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Chrysene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.380	0.370	0.203	0.380	0.165	x
Coronene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Dibenz(a,h)anthracene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Dibenzo(a,i)pyrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	---	0.690	0.490	0.165	0.165	0.165	0.165	0.210	0.450				0.560	1.000	1.300	0.487	1.300	0.165	x
Fluorene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Indeno(1,2,3-cd)pyrene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
m-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	0
o-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Phenanthrene	x	1.30	---	0.39	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.53	0.85	0.63	0.85	0.39	x
p-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	---	0.500	0.360	0.165	0.165	0.165	0.165	0.165	0.400				0.340	0.630	0.680	0.340	0.680	0.165	x
Quinoline	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Tetralin	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(b)anthracene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x

Samples Invalid - Pest Damage

Note 1: Station commissioned January 6, 2012.

Note 2: All non detectable results are reported as ½ the detection limit.

Note 3: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.

Station : 35022
Location : Strachan Avenue, Toronto
Reporting Period : 01 January, 2012 to 31 March, 2012

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 11 / 78.6%

Parameter	AAQC	RDL	04-Jan-12	10-Jan-12	16-Jan-12	22-Jan-12	28-Jan-12	03-Feb-12	09-Feb-12	15-Feb-12	21-Feb-12	27-Feb-12	04-Mar-12	10-Mar-12	16-Mar-12	22-Mar-12	28-Mar-12	Ave	Max	Min	Samples
	ng/m ³	ng/m ³																ng/m ³	ng/m ³	ng/m ³	> AAQC No.
1,2-Dimethylnaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
1-Methylnaphthalene	x	0.670	---	3.900	1.700	1.300	1.900	6.500	3.800	1.500	0.930				8.500	4.800	2.200	3.366	8.500	0.930	x
1-Methylphenanthrene	x	0.670	---	0.335	0.335	0.335	0.335	0.700	0.335	0.335	0.335				1.100	1.800	1.200	0.650	1.800	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Chloronaphthalene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylanthracene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
2-Methylnaphthalene	x	0.330	---	8.000	3.200	2.500	3.700	13.00	6.800	2.800	1.700				17.00	9.400	4.400	6.591	17.000	1.700	x
3-Methylcholanthrene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
7,12-Dimethylbenzo(a)anthracene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
9,10-Dimethylanthracene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
9-Methylphenanthrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Acenaphthene	x	0.330	---	37.00	3.900	7.000	11.00	39.00	44.00	11.00	4.300				35.00	27.00	21.00	21.836	44.000	3.900	x
Acenaphthylene	x	0.330	---	1.400	0.610	0.470	0.560	2.500	1.700	0.630	0.400				1.600	0.890	0.710	1.043	2.500	0.400	x
Anthracene	x	0.330	---	2.500	0.165	0.600	0.400	1.500	2.200	2.200	0.430				2.000	3.300	2.200	1.590	3.300	0.165	x
Benzo(a)anthracene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(a)fluorene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Benzo(a)pyrene	0.05	0.330	---	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	<0.330				<0.330	<0.330	<0.330	<0.330	<0.330	<0.330	0
Benzo(b)fluoranthene	x	0.330	---	0.165	0.490	0.165	0.165	0.165	0.360	0.165	0.165				0.430	0.570	0.480	0.302	0.570	0.165	x
Benzo(b)fluorene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(e)pyrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(g,h,i)perylene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.400	0.410	0.165	0.209	0.410	0.165	x
Benzo(j)fluoranthene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Benzo(k)fluoranthene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Biphenyl	x	0.670	---	3.400	1.200	1.400	2.300	5.500	4.800	1.800	1.000				6.300	5.100	3.000	3.255	6.300	1.000	x
Chrysene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.380	0.370	0.203	0.380	0.165	x
Coronene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Dibenz(a,h)anthracene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
Dibenzo(a,e)pyrene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Dibenzo(a,i)pyrene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	---	6.000	2.200	2.200	1.500	4.700	3.700	1.800	2.500				9.400	14.00	12.00	5.455	14.000	1.500	x
Fluorene	x	0.330	---	57.00	4.400	9.900	6.100	37.00	33.00	7.880	7.800				35.00	50.00	47.00	26.825	57.000	4.400	x
Indeno(1,2,3-cd)pyrene	x	0.330	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	0.165	0.165	0.165	0.165	0.165	x
m-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	---	8.800	4.600	2.900	2.200	11.00	5.600	1.020	2.000				13.00	5.300	3.400	5.438	13.000	1.020	0
o-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Perylene	x	1.30	---	0.65	0.65	0.65	0.65	0.65	0.65	0.65	0.65				0.65	0.65	0.65	0.650	0.650	0.650	x
Phenanthrene	x	1.30	---	79.0	7.3	15.0	9.0	46.0	26.0	8.5	12.0				91.0	121.0	111.0	47.80	121.00	7.30	x
p-Terphenyl	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	---	3.300	1.200	1.100	0.800	2.400	2.000	1.100	1.300				3.900	5.500	4.700	2.482	5.500	0.800	x
Quinoline	x	1.30	---	1.50	0.65	0.65	0.65	2.80	0.65	0.65	0.65				3.10	2.30	1.70	1.39	3.10	0.65	x
Tetralin	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(b)anthracene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Dibenzo(a,c)anthracene + Picene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x
Triphenylene	x	0.670	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.335	0.335	0.335	x

Samples Invalid - Pest Damage

Note 1: Station commissioned January 6, 2012.

Note 2: All non detectable results are reported as ½ the detection limit.

Note 3: At the time of the AAQMRP, the criterion for Benzo(a)pyrene (B(a)P) was 1.1 ng/m³. This limit was revised to 0.05 ng/m³ in July 2011. Current analytical methods are not able to detect below 0.05 ng/m³ and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.