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A Division of METROLINX

Data Summary
Q4, 2011

Item	Term	Description	Units
1)	NO	Nitric Oxide	ppb
2)	NO ₂	Nitrogen Dioxide	ppb
3)	NO _X	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.	



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**Metrolinx Air Monitoring Network
Statistics 2011**

Stats		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		Events > 24 Hr AAQC		Events > 8 Hr AAQC		Events > 1 Hr AAQC			Events > ½ Hr Standard			Monthly Mean										
Station	Month	NO2 ppb	CO ppm	SO2 ppb	CO ppm	NO2 ppb	CO ppm	SO2 ppb	NO2 ppb	CO ppm	SO2 ppb	PM2.5 µg/m3	PM2.5 µg/m3	NO2 No.	SO2 No.	CO No.	NO2 No.	CO No.	SO2 No.	NO2 No.	CO No.	SO2 No.	NO ppb	NO2 ppb	NOX ppb	PM2.5 µg/m ³	CO ppm	SO2 ppb										
35020	January	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	February	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	March	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	April	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	May	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	June	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	July	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	August	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---									
	September	26	0.30	2	0.58	46	1.05	7	54	1.34	9	18	49	0	0	0	0	0	0	0	0	0	5	14	19	7	0.11	0.4										
	October	33	0.41	4	0.68	53	1.05	34	55	1.08	41	27	62	0	0	0	0	0	0	0	0	0	17	16	33	8	0.16	0.9										
	November	31	0.43	4	0.86	54	0.95	10	61	1.00	10	23	34	0	0	0	0	0	0	0	0	0	10	18	28	8	0.17	1.2										
	December	41	0.42	5	0.61	55	1.10	14	57	1.14	16	36	48	0	0	0	0	0	0	0	0	0	11	20	31	8	0.20	1.3										
Q3 Total														0	0	0	0	0	0	0	0	0	0															
Q4 Total														0	0	0	0	0	0	0	0	0	0															
Annual Total														0	0	0	0	0	0	0	0	0	0															
Q3 Arithmetic Mean¹																										5	14	19	7	0.11	0.4							
Q4 Arithmetic Mean																															13	18	31	8	0.18	1.1		
Annual Arithmetic Mean¹																																	11	17	28	8	0.16	0.9

Stats		Percent Valid Data					
Station	Month	NO	NO2	NOX	PM2.5	CO	SO2
		%	%	%	%	%	%
35020	January	---	---	---	---	---	---
	February	---	---	---	---	---	---
	March	---	---	---	---	---	---
	April	---	---	---	---	---	---
	May	---	---	---	---	---	---
	June	---	---	---	---	---	---
	July	---	---	---	---	---	---
	August	---	---	---	---	---	---
	September	99.4	99.4	99.4	88.3	99.4	99.4
	October	100.0	100.0	100.0	100.0	100.0	100.0
	November	100.0	100.0	100.0	100.0	100.0	100.0
	December	100.0	100.0	100.0	99.9	100.0	99.9
	Q3 Arithmetic Mean¹	99.4	99.4	99.4	88.3	99.4	99.4
	Q4 Arithmetic Mean	100.0	100.0	100.0	100.0	100.0	100.0
	Annual Arithmetic Mean¹	99.9	99.9	99.9	97.0	99.9	99.8

Stats		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		Events > 24 Hr AAQC		Events > 8 Hr AAQC		Events > 1 Hr AAQC			Events > ½ Hr Standard			Monthly Mean						
Station	Month	NO2	CO	SO2	CO	NO2	CO	SO2	NO2	CO	SO2	PM2.5	PM2.5	NO2	SO2	CO	NO2	CO	SO2	NO2	CO	SO2	NO	NO2	NOX	PM2.5	CO	SO2		
		ppb	ppm	ppb	ppm	ppb	ppm	ppb	ppb	ppm	ppb	ppm	µg/m3	µg/m3	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	ppb	ppb	ppb	µg/m ³
35021	January	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
	February	48	0.85	5	1.24	83	2.12	12	86	2.54	13	30	46	0	0	0	0	0	0	0	0	0	15	24	39	12	0.29	1.7		
	March	33	0.42	3	0.74	62	1.28	8	68	1.37	9	20	43	0	0	0	0	0	0	0	0	9	19	28	7	0.23	0.7			
	April	38	0.34	2	0.46	59	0.65	6	62	0.71	7	20	46	0	0	0	0	0	0	0	0	8	19	26	7	0.19	0.6			
	May	28	0.22	3	0.41	54	0.76	10	55	0.82	12	23	42	0	0	0	0	0	0	0	0	7	16	22	7	0.14	0.7			
	June	27	0.21	3	0.42	51	0.80	6	52	0.83	10	17	42	0	0	0	0	0	0	0	0	6	14	21	8	0.11	0.5			
	July	22	0.18	2	0.32	44	0.72	5	46	0.74	9	27	46	0	0	0	0	0	0	0	0	5	14	18	12	0.10	0.7			
	August	25	0.19	3	0.32	46	0.65	9	49	0.85	11	26	37	0	0	0	0	0	0	0	0	8	15	22	11	0.09	0.9			
	September	26	0.25	1	0.50	41	0.84	7	42	0.85	8	12	33	0	0	0	0	0	0	0	0	INS ²	INS ²	INS ²	INS ²	INS ²	INS ²	INS ²		
	October	34	0.50	3	0.77	53	1.00	20	55	1.02	22	24	52	0	0	0	0	0	0	0	0	19	18	37	8	0.17	1.0			
	November	31	0.40	5	0.62	52	1.18	42	53	1.39	64	24	52	0	0	0	0	0	0	0	0	13	20	33	8	0.18	1.3			
	December	43	0.57	3	0.69	65	1.13	8	66	1.21	8	36	51	0	0	0	0	0	0	0	0	18	22	41	9	0.27	0.7			
	Q1 Total													0	0	0	0	0	0	0	0									
	Q2 Total													0	0	0	0	0	0	0	0									
	Q3 Total													0	0	0	0	0	0	0	0									
	Q4 Total													0	0	0	0	0	0	0	0									
	Annual Total													0	0	0	0	0	0	0	0									
	Q1 Arithmetic Mean³																						12	21	33	9	0.26	1.2		
	Q2 Arithmetic Mean																						7	16	23	8	0.15	0.6		
	Q3 Arithmetic Mean																						6	14	21	INS ²	0.10	0.7		
	Q4 Arithmetic Mean																						17	20	37	8	0.21	1.0		
	Annual Arithmetic Mean																						11	18	28	9	0.18	0.9		

Stats		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	NO	NO2	NOX	PM2.5	CO	SO2	WS	WD	ATEM	SLR	BP	RH	PRECP			
		km/hr	°C	mm	km/hr	°C	°C	mm	%	%	%	%	%	%	%	%	%	%	%	%	%			
35021	January	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			
	February	27.3	11.9	4.0	0.0	-14.9	-3.8	24.8	99.7	99.7	99.7	93.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
	March	16.6	16.6	3.7	0.0	-11.2	0.6	73.6	99.7	99.7	99.7	99.7	99.9	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
	April	25.7	23.0	6.2	0.2	0.0	7.6	79.6	100.0	100.0	100.0	100.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
	May	17.3	29.5	18.3	0.1	4.8	14.9	118.1	100.0	100.0	100.0	89.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0			
	June	20.7	34.1	7.1	0.1	10.4	20.2	43.4	99.6	99.6	99.6	89.7	99.6	99.6	100.0	100.0	100.0	100.0	99.7	100.0	100.0	99.7		
	July	15.7	37.0	11.1	0.1	13.6	25.2	30.6	100.0	100.0	100.0	95.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	August	13.1	31.4	13.7	0.1	14.6	23.0	72.4	81.6	81.6	81.6	79.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7		
	September	17.2	26.8	9.8	0.1	6.8	INS ²	70.1 ⁴	58.2	58.2	58.2	36.3	57.9	58.1	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8		
	October	23.5	26.1	5.4	0.0	0.2	11.6	83.1	99.9	99.9	99.9	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	November	19.8	17.7	7.8	0.0	-1.1	7.8	94.8	99.4	99.4	99.4	98.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9		
	December	18.1	14.1	1.9	0.0	-11.3	1.7	43.7	99.9	99.9	99.9	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0		
	Q1 Total⁴								98.4															
Q2 Total								241.1																
Q3 Total⁴								173.1																
Q4 Total								221.6																
Annual Total⁴								734.2																
Q1 Arithmetic Mean³							-1.5	99.7	99.7	99.7	96.4	99.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Q2 Arithmetic Mean							14.2	99.9	99.9	99.9	93.2	99.8	99.8	100.0	100.0	100.0	99.9	100.0	100.0	100.0	99.9	100.0	100.0	99.9
Q3 Arithmetic Mean							22.5	79.9	79.9	79.9	70.5	79.8	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
Q4 Arithmetic Mean							7.1	99.7	99.7	99.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Annual Arithmetic Mean							11.1	94.4	94.4	94.4	89.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	

Number of Days > 24 Hr Average Reference Level of 30 µg/m ³ for PM2.5		
Month	Station	Station
	35020	35021
January	---	---
February	---	0
March	---	0
April	---	0
May	---	0
June	---	0
July	---	0
August	---	0
September	0	0
October	0	0
November	0	0
December	1	1
Q1 Total	---	0
Q2 Total	---	0
Q3 Total	0	0
Q4 Total	1	1
Annual Total	1	1

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

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

Note 1 : Q3 Arithmetic Mean and Annual Arithmetic Mean based on available data. Station 35020 commissioned 01 September, 2011.

Note 2 : "INS" Insufficient data to calculate the monthly and/or quarterly means. Station 35021 decommissioned from August 26 to September 13, 2011 for relocation.

Note 3 : Q1 Arithmetic Mean based on available data. Station 35021 commissioned 01 February, 2011.

Note 4 : Total Precipitation based on available data. Station 35021 commissioned 01 February, 2011, decommissioned from August 26 to September 13, 2011 for relocation.



Station : 35020 **Sample Matrix** : Teflon Coated Filter
Location : Wallace Avenue, Toronto **Method** : IO-3.1
Reporting Period : 01 October, 2011 to 31 December, 2011 **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													
06-Oct-11	72	0.000030	0.00460	0.0006	0.0521	0.0018	0.0598	0.0203	0.0804	0.0087	0.00305	0.0298	0.2390
12-Oct-11	20	0.000010	0.00185	0.0006	0.0409	0.0006	0.0131	0.0090	0.0247	0.0060	0.00305	0.0275	0.1310
18-Oct-11	49	0.000020	0.00380	0.0006	0.0449	0.0015	0.0246	0.0159	0.0540	0.0071	0.00305	0.0282	0.1810
24-Oct-11	24	0.000020	0.00400	0.0006	0.0430	0.0006	0.0157	0.0099	0.0337	0.0059	0.00305	0.0272	0.1440
30-Oct-11	28	0.000010	0.00550	0.0006	0.0460	0.0006	0.0228	0.0099	0.0382	0.0062	0.00305	0.0295	0.1610
05-Nov-11	20	0.000020	0.00370	0.0006	0.0411	0.0006	0.0173	0.0090	0.0268	0.0054	0.00305	0.0253	0.1350
11-Nov-11	24	0.000005	0.00185	0.0006	0.0437	0.0014	0.0146	0.0089	0.0321	0.0061	0.00305	0.0276	0.1610
17-Nov-11	23	0.000005	0.00185	0.0006	0.0440	0.0015	0.0168	0.0080	0.0318	0.0061	0.00305	0.0270	0.1490
23-Nov-11	38	0.000005	0.00185	0.0006	0.0454	0.0017	0.0279	0.0097	0.0500	0.0072	0.00305	0.0279	0.1590
29-Nov-11	5	0.000005	0.00390	0.0006	0.0433	0.0006	0.0066	0.0058	0.0173	0.0054	0.00305	0.0275	0.1250
05-Dec-11	12	0.000010	0.00420	0.0006	0.0423	0.0006	0.0106	0.0078	0.0217	0.0059	0.00305	0.0275	0.1510
11-Dec-11	25	0.000020	0.00420	0.0006	0.0431	0.0006	0.0127	0.0087	0.0305	0.0059	0.00305	0.0273	0.1400
17-Dec-11	18	0.000005	0.00185	0.0006	0.0430	0.0013	0.0122	0.0057	0.0252	0.0061	0.00305	0.0266	0.1380
23-Dec-11	16	0.000005	0.00185	0.0006	0.0411	0.0013	0.0112	0.0060	0.0326	0.0058	0.00305	0.0248	0.1410
29-Dec-11	24	0.000010	0.00390	0.0006	0.0445	0.0014	0.0123	0.0057	0.0254	0.0060	0.00305	0.0264	0.1480
Ave	27	0.000012	0.00326	0.0006	0.0439	0.0011	0.0185	0.0094	0.0350	0.0063	0.00305	0.0273	0.1535
Max	72	0.000030	0.00550	0.0006	0.0521	0.0018	0.0598	0.0203	0.0804	0.0087	0.00305	0.0298	0.2390
Min	5	0.000005	0.00185	0.0006	0.0409	0.0006	0.0066	0.0057	0.0173	0.0054	0.00305	0.0248	0.1250
No. > AAQC	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Station : 35020 Sample Matrix : PUF Cartridge
 Location : Wallace Avenue, Toronto Method : GC/MS (TO13)
 Reporting Period : 01 October, 2011 to 31 December, 2011 Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	06-Oct-11	12-Oct-11	18-Oct-11	24-Oct-11	30-Oct-11	05-Nov-11	11-Nov-11	17-Nov-11	23-Nov-11	29-Nov-11	05-Dec-11	11-Dec-11	17-Dec-11	23-Dec-11	29-Dec-11	Ave	Max	Min	Samples > AAQC
	24 Hr																				
	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	x
1-Methylnaphthalene	x	0.670	4.900	0.335	0.335	0.660	0.335	3.500	0.335	0.335	2.100	0.980	0.335	0.960	2.500	1.500	0.335	1.296	4.900	0.335	x
1-Methylphenanthrene	x	0.670	1.000	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.379	1.000	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	8.900	0.360	1.100	1.100	2.700	6.200	0.920	1.100	3.700	1.700	0.870	1.700	4.300	2.500	0.950	2.540	8.900	0.360	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	6.400	0.165	0.780	1.000	3.100	1.600	0.850	1.200	2.900	2.000	1.200	0.960	1.600	2.900	0.730	1.826	6.400	0.165	x
Acenaphthylene	x	0.330	2.500	0.165	0.420	0.500	1.700	2.000	0.590	0.620	3.800	1.300	0.810	0.610	1.700	0.770	1.200	1.246	3.800	0.165	x
Anthracene	x	0.330	1.300	0.165	0.620	0.165	2.000	0.460	0.165	0.165	0.590	0.360	0.450	0.165	0.165	0.165	0.165	0.473	2.000	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	0.165	0.165	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.301	0.335	0.165	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	2.500	0.335	0.335	0.335	0.335	1.300	0.335	0.780	1.600	0.910	0.335	1.500	1.900	1.300	0.820	0.975	2.500	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	4.200	1.100	2.400	1.700	8.900	1.200	1.200	0.720	1.600	1.100	1.700	0.830	0.690	1.000	1.000	1.956	8.900	0.690	x
Fluorene	x	0.330	8.500	1.200	3.600	2.300	16.000	2.500	2.400	1.900	4.200	2.500	2.700	1.800	1.900	3.000	2.000	3.767	16.000	1.200	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	10.000	0.640	1.600	1.500	4.800	8.100	1.200	1.600	3.600	1.600	2.000	5.200	0.820	1.500		3.011	10.000	0.640	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	0.330	24.000	5.600	10.000	6.500	35.000	5.500	4.800	3.100	7.400	5.000	6.500	3.300	3.200	4.400	3.800	8.540	35.000	3.100	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	2.500	0.580	1.500	0.950	6.000	1.100	0.800	0.560	1.500	0.870	1.200	0.540	0.600	0.870	1.000	1.371	6.000	0.540	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
Dibenz(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
Dibenz(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.

Note 3: Analytical laboratory modified RDL values on October 24 for the following parameter(s):

Benzo(j)fluoranthene (0.330 ng/m³ - 0.670 ng/m³)

Station :	35020	Sample Matrix :	102mm GF Filter
Location :	Wallace Avenue, Toronto	Method :	GC/MS (TO13)
Reporting Period :	01 October, 2011 to 31 December, 2011	Valid Samples - No. / % :	15 / 100%

Parameter	AAQC	RDL	06-Oct-11	12-Oct-11	18-Oct-11	24-Oct-11	30-Oct-11	05-Nov-11	11-Nov-11	17-Nov-11	23-Nov-11	29-Nov-11	05-Dec-11	11-Dec-11	17-Dec-11	23-Dec-11	29-Dec-11	Ave	Max	Min	Samples > AAQC
	24 Hr		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
	ng/m ³		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
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	0.330	0.165	0.620	0.165	0.650	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.254	0.650	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	0.360	0.165	0.320	0.165	0.360	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.212	0.360	0.165	x
Benzo(j)fluoranthene	x	0.670	0.165	0.165	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.301	0.335	0.165	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	0.165	0.165	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.178	0.360	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	0.450	0.165	0.520	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.208	0.520	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	0.165	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	0.335	0.335	0.335	0.335	0.335	0.335	0.335	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	0.330	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
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	0.360	0.165	0.390	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.193	0.390	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
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.

Note 3: Analytical laboratory modified RDL values on October 24 for the following parameter(s):

Benzo(j)fluoranthene (0.330 ng/m³ - 0.670 ng/m³)

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 October, 2011 to 31 December, 2011

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

Parameter	AAQC	RDL	06-Oct-11	12-Oct-11	18-Oct-11	24-Oct-11	30-Oct-11	05-Nov-11	11-Nov-11	17-Nov-11	23-Nov-11	29-Nov-11	05-Dec-11	11-Dec-11	17-Dec-11	23-Dec-11	29-Dec-11	Ave	Max	Min	Samples
	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	x
1-Methylnaphthalene	x	0.670	4.900	0.335	0.335	0.660	0.335	3.500	0.335	0.335	2.100	0.980	0.335	0.960	2.500	1.500	0.335	1.296	4.900	0.335	x
1-Methylphenanthrene	x	0.670	1.000	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.379	1.000	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	8.900	0.360	1.100	1.100	2.700	6.200	0.920	1.100	3.700	1.700	0.870	1.700	4.300	2.500	0.950	2.540	8.900	0.360	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	6.400	0.165	0.780	1.000	3.100	1.600	0.850	1.200	2.900	2.000	1.200	0.960	1.600	2.900	0.730	1.826	6.400	0.165	x
Acenaphthylene	x	0.330	2.500	0.165	0.420	0.500	1.700	2.000	0.590	0.620	3.800	1.300	0.810	0.610	1.700	0.770	1.200	1.246	3.800	0.165	x
Anthracene	x	0.330	1.300	0.165	0.620	0.165	2.000	0.460	0.165	0.165	0.590	0.360	0.450	0.165	0.165	0.165	0.165	0.473	2.000	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	0.390	0.165	0.620	0.165	0.650	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.254	0.650	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	0.360	0.165	0.320	0.165	0.360	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.212	0.360	0.165	x
Benzo(j)fluoranthene	x	0.670	0.165	0.165	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.301	0.335	0.165	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	2.500	0.335	0.335	0.335	0.335	1.300	0.335	0.780	1.600	0.910	0.335	1.500	1.900	1.300	0.820	0.975	2.500	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	4.600	1.100	2.900	1.700	8.900	1.200	1.200	0.720	1.600	1.100	1.700	0.830	0.690	1.000	1.000	2.016	8.900	0.690	x
Fluorene	x	0.330	8.500	1.200	3.600	2.300	16.000	2.500	2.400	1.900	4.200	2.500	2.700	1.800	1.900	3.000	2.000	3.767	16.000	1.200	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	10.000	0.640	1.600	1.500	4.800	8.100	1.200	1.600	3.600	1.600	1.000	2.000	5.200	0.820	1.500	3.011	10.000	0.640	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	0.330	24.000	5.600	10.000	6.500	35.000	5.500	4.800	3.100	7.400	5.000	6.500	3.300	3.200	4.400	3.800	8.540	35.000	3.100	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	2.900	0.580	1.900	0.950	6.000	1.100	0.800	0.560	1.500	0.870	1.200	0.540	0.600	0.870	1.000	1.425	6.000	0.540	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.

Note 3: Analytical laboratory modified RDL values on October 24 for the following parameter(s):

 Benzo(j)fluoranthene (0.330 ng/m³ - 0.670 ng/m³)



Station : 35021 **Sample Matrix** : Teflon Coated Filter
Location : Weston Road, Toronto **Method** : IO-3.1
Reporting Period : 01 October, 2011 to 31 December, 2011 **Valid Samples - Number / %** : 14 / 93.3%

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													
06-Oct-11	52	0.000020	0.00185	0.0006	0.0429	0.0015	0.0412	0.0129	0.0571	0.0066	0.00305	0.0257	0.2410
12-Oct-11	32	0.000010	0.00185	0.0006	0.0400	0.0012	0.0144	0.0095	0.0349	0.0061	0.00305	0.0266	0.1320
18-Oct-11	48	0.000020	0.00185	0.0006	0.0375	0.0006	0.0233	0.0087	0.0489	0.0056	0.00305	0.0238	0.1460
24-Oct-11	35	0.000020	0.00185	0.0006	0.0438	0.0006	0.0153	0.0096	0.0494	0.0059	0.00305	0.0282	0.1470
30-Oct-11	74	0.000020	0.00430	0.0006	0.0449	0.0014	0.0216	0.0117	0.0859	0.0067	0.00305	0.0291	0.1530
05-Nov-11	34	0.000010	0.00490	0.0006	0.0434	0.0012	0.0224	0.0081	0.0375	0.0065	0.00305	0.0270	0.1520
11-Nov-11	45	0.000020	0.00410	0.0006	0.0434	0.0014	0.0224	0.0102	0.0492	0.0062	0.00305	0.0275	0.1670
17-Nov-11	29	0.000020	0.00185	0.0006	0.0434	0.0014	0.0132	0.0158	0.0387	0.0061	0.00305	0.0275	0.1520
23-Nov-11	Invalid Sample - GFCI Tripped												
29-Nov-11	5	0.000005	0.00420	0.0006	0.0443	0.0006	0.0104	0.0069	0.0191	0.0056	0.00305	0.0280	0.1320
05-Dec-11	13	0.000005	0.00400	0.0006	0.0455	0.0006	0.0150	0.0147	0.0281	0.0064	0.00305	0.0282	0.1940
11-Dec-11	29	0.000020	0.00185	0.0006	0.0466	0.0006	0.0109	0.0086	0.0330	0.0071	0.00305	0.0279	0.1470
17-Dec-11	33	0.000090	0.00185	0.0006	0.0455	0.0014	0.0213	0.0064	0.0395	0.0065	0.00305	0.0273	0.1590
23-Dec-11	24	0.000005	0.00185	0.0006	0.0443	0.0015	0.0153	0.0055	0.0318	0.0063	0.00305	0.0262	0.1490
29-Dec-11	41	0.000010	0.00390	0.0006	0.0453	0.0014	0.0150	0.0069	0.0348	0.0062	0.00305	0.0263	0.1580
Ave	35	0.000020	0.00287	0.0006	0.0436	0.0011	0.0187	0.0097	0.0420	0.0063	0.00305	0.0271	0.1592
Max	74	0.000090	0.00490	0.0006	0.0466	0.0015	0.0412	0.0158	0.0859	0.0071	0.00305	0.0291	0.2410
Min	5	0.000005	0.00185	0.0006	0.0375	0.0006	0.0104	0.0055	0.0191	0.0056	0.00305	0.0238	0.1320
No. > AAQC	0	0	0	0	0	0	0	0	0	0	0	0	0

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

Station : 35021 **Sample Matrix** : SUMMA Canisters
Location : Weston Road, Toronto **Method** : GC/MS (TO15A)
Reporting Period : 01 October, 2011 to 31 December, 2011 **Valid Samples - No. / %** : 15 / 100%

Parameter	AAQC	RDL																Ave	Max	Min	Samples
	24 Hr		06-Oct-11	12-Oct-11	18-Oct-11	24-Oct-11	30-Oct-11	05-Nov-11	11-Nov-11	17-Nov-11	23-Nov-11	29-Nov-11	05-Dec-11	11-Dec-11	17-Dec-11	23-Dec-11	29-Dec-11	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	> AAQC
	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$																$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	No.
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	6.100	0.467	0.467	0.467	1.300	0.467	0.898	6.100	0.467	x
Carbon Disulfide	300	1.56	0.78	1.63	0.78	1.96	0.78	0.78	1.59	0.78	0.78	5.97	0.78	0.78	0.78	0.78	0.78	1.32	5.97	0.78	0
Propene	400	0.516	0.690	0.690	0.945	0.945	1.635	1.980	1.035	0.945	1.205	0.258	0.258	0.258	0.258	6.000	1.035	1.209	6.000	0.258	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	0.705	0.352	0.376	0.705	0.352	x
Dichlorodifluoromethane	500000	0.99	3.56	3.44	3.59	3.95	3.88	3.89	3.36	3.34	3.64	2.51	2.83	2.85	2.79	3.17	2.99	3.32	3.95	2.51	0
Vinyl Chloride	1	0.051	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	0.026	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	0.62	1.08	1.12	1.14	1.20	1.28	1.30	1.24	1.12	1.24	0.86	0.90	0.93	1.04	1.09	1.14	1.11	1.30	0.86	0
Trichlorotrifluoroethane	80000	0.38	0.86	0.90	0.93	0.98	0.97	0.95	0.94	1.00	0.99	0.92	1.00	1.00	0.78	0.80	0.87	0.93	1.00	0.78	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	0.760	0.780	0.810	0.790	0.780	0.910	0.930	0.940	0.570	0.620	0.550	0.650	0.580	0.630	0.733	0.940	0.550	0
Trichlorofluoromethane	6000	1.12	1.89	1.93	1.85	1.98	2.07	1.93	1.92	2.11	1.98	1.76	1.71	1.76	1.45	1.90	1.67	1.86	2.11	1.45	0
Benzene	2.3	0.16	0.48	0.68	0.87	1.00	1.40	1.50	0.88	0.79	1.20	0.87	1.20	2.50	0.81	0.74	0.89	1.05	2.50	0.48	1
Ethanol	19000	4.33	5.120	9.190	7.570	7.040	14.300	21.700	6.500	4.430	7.410	7.290	11.400	19.200	8.130	52.500	8.790	12.705	52.500	4.430	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	0.280	0.135	0.135	0.135	0.145	0.280	0.135	0
2-Propanol	7300	7.37	3.685	3.685	3.685	3.685	3.685	3.685	3.685	7.710	3.685	3.685	3.685	3.685	3.685	107.000	14.100	11.535	107.000	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	14.00	9.32	5.97	8.46	11.40	15.70	11.20	3.40	14.40	13.70	5.94	15.10	2.52	40.10	3.96	11.68	40.10	2.52	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	0.115	0.115	0.115	0.125	0.260	0.115	x
Methyl Ethyl Ketone	1000	8.85	4.425	4.425	4.425	4.425	4.425	4.425	4.425	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	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	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	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	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	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	0.19	0.19	0.19	0.19	0.19	0.19	0
Methyl t-butyl ether (MTBE)	7000	0.721	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	0.361	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	0.17	0.17	0.17	0.20	0.59	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	3.965	3.965	3.965	3.965	3.965	3.965	x
1,1-Dichloroethylene	10	0.991	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	0.496	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	0.13	0.13	0.13	0.18	0.91	0.13	x
cis-1,2-Dichloroethylene	105	0.753	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0.377	0
Hexachlorobutadiene	x	0.53	0.265	0.265	0.265	0.265	1.500	0.570	0.265	0.265	0.265	0.960	0.900	0.265	0.375	0.480	0.480	0.492	1.500	0.265	x
trans-1,2-Dichloroethylene	105	0.793	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0.397	0
Methylene Chloride	220	2.78	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	3.98	1.39	1.39	1.39	15.20	1.39	2.48	15.20	1.39	0
1,1-Dichloroethane	165	0.809	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0.405	0
1,1,1-Trichloroethane	115000	1.64	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	0.820	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	0.925	0.925	0.925	0.925	0.925	0.925	0
Bromomethane	1350	0.699	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	0.350	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	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	3.690	0.615	0.615	0.615	2.560	0.615	0.950	3.690	0.615	0
Tetrachloroethylene	360	1.36	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	5.340	0.680	0.991	5.340	0.680	0
Toluene	2000	0.753	1.25	2.79	3.81	8.75	4.10	7.58	2.07	1.76	3.25	2.13	2.76	6.02	1.83	25.40	2.66	5.08	25.40	1.25	0
Ethylbenzene	1000	0.868	0.434	0.434	0.434	0.800	0.939	1.480	0.434	0.434	0.434	0.434	0.434	0.434	0.434	2.760	0.434	1.102	6.580	0.434	0
p+m-Xylene	730	1.61	0.805	0.805	1.660	10.900	2.830	4.890	0.805	0.805	2.080	0.805	0.805	1.860	0.805	9.680	0.805	2.689	10.900	0.805	0
o-Xylene	730	0.868	0.434	0.434	0.434	1.870	1.040	1.650	0.434	0.434	0.434	0.434	0.434	0.434	0.434	3.250	0.434	0.839	3.250	0.434	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	0.426	1.250	0.426	0.481	1.250	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	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	1.23	2.57	1.23	1.32	2.57	1.23	0
4-ethyltoluene	x	10.80	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	5.40	x
Chlorobenzene	x	0.921	0.461	0.461	0.461	0.461</															

Station : 35021
 Location : Weston Road, Toronto
 Reporting Period : 01 October, 2011 to 31 December, 2011

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

Parameter	AAQC	RDL	Date												Ave			Samples > AAQC						
	24 Hr		06-Oct-11	12-Oct-11	18-Oct-11	24-Oct-11	30-Oct-11	05-Nov-11	11-Nov-11	17-Nov-11	23-Nov-11	29-Nov-11	05-Dec-11	11-Dec-11	17-Dec-11	23-Dec-11	29-Dec-11		ng/m ³	Max	Min	No.		
	ng/m ³	ng/m ³													ng/m ³	ng/m ³	ng/m ³							
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	3.700	0.335	0.335	0.335	0.740	3.400	0.660	1.000	2.000	0.730	0.710	1.100	3.700	1.900	1.300		1.463	3.700	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	0.750	0.363	0.750	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	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	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	0.335	0.335	x
2-Methylnaphthalene	x	0.330	6.500	0.580	1.100	0.980	1.300	6.000	1.200	1.800	3.700	1.300	1.300	2.100	6.300	3.500	2.100		2.651	6.500	0.580	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	3.400	1.400	0.780	0.330	0.380	2.300	0.165	0.420	1.000	0.700	0.740	0.165	1.000	1.400	1.100		1.019	3.400	0.165	x		
Acenaphthylene	x	0.330	1.700	0.165	0.450	0.165	0.450	2.700	0.520	0.690	1.800	0.800	1.600	0.500	2.400	0.900	3.100		1.196	3.100	0.165	x		
Anthracene	x	0.330	0.710	0.550	0.165	0.165	0.165	0.500	0.165	0.165	0.165	0.165	0.165	0.450	0.165	0.165	0.800		0.311	0.800	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	0.165	0.165	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335		0.301	0.335	0.165	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	1.500	0.335	0.335	0.335	0.335	1.600	0.335	0.780	1.000	0.335	0.740	0.840	2.000	1.300	1.500		0.885	2.000	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	1.600	2.900	0.910	0.850	1.300	1.400	0.690	0.560	0.910	0.800	1.360	0.590	0.420	0.490	1.900		1.112	2.900	0.420	x		
Fluorene	x	0.330	3.700	3.200	1.600	0.980	2.700	3.600	1.200	1.200	2.400	1.900	0.640	0.350	1.400	1.800	3.900		2.038	3.900	0.350	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	1.740	0.710	1.300	1.040	1.600	21.000	1.300	1.700	4.000	1.400	1.300	2.000	5.600	0.970	1.900		3.171	21.000	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	0.330	8.800	12.000	3.700	3.300	5.500	6.000	2.500	2.000	4.200	3.700	5.200	2.000	2.100	2.400	7.500		4.727	12.000	2.000	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	1.100	1.400	0.680	0.680	0.900	1.100	0.660	0.560	0.750	0.630	1.100	0.360	0.390	0.420	1.900		0.842	1.900	0.360	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 AAQMPP, 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.

Note 3: Analytical laboratory modified RDL values on October 24 for the following parameter(s):

Benzo(j)fluoranthene (0.330 ng/m³ - 0.670 ng/m³)

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 October, 2011 to 31 December, 2011

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

Parameter	AAQC	RDL	06-Oct-11	12-Oct-11	18-Oct-11	24-Oct-11	30-Oct-11	05-Nov-11	11-Nov-11	17-Nov-11	23-Nov-11	29-Nov-11	05-Dec-11	11-Dec-11	17-Dec-11	23-Dec-11	29-Dec-11	Ave	Max	Min	Samples > 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	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-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	0.165	0.165	0.165	0.165	0.165	0.165	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-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	0.165	0.165	0.165	0.165	0.165	0.165	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	0.165	0.165	0.165	0.165	0.520	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.470	0.222	0.520	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	0.165	0.165	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.301	0.335	0.165	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	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.370	0.179	0.370	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	0.165	0.165	0.165	0.165	0.165	0.165	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
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	0.165	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	0.335	0.335	0.335	0.335	0.335	0.335	0.335	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	0.330	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
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	0.165	0.165	0.165	0.165	0.165	0.165	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
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.

Note 3: Analytical laboratory modified RDL values on October 24 for the following parameter(s):

Benzo(j)fluoranthene (0.330 ng/m³ - 0.670 ng/m³)

Station : 35021 Sample Matrix : PUF + Filter
 Location : Weston Road, Toronto Method : GC/MS (TO13)
 Reporting Period : 01 October, 2011 to 31 December, 2011 Valid Samples - No. / % : 15 / 100%

Parameter	AAQC	RDL	06-Oct-11	12-Oct-11	18-Oct-11	24-Oct-11	30-Oct-11	05-Nov-11	11-Nov-11	17-Nov-11	23-Nov-11	29-Nov-11	05-Dec-11	11-Dec-11	17-Dec-11	23-Dec-11	29-Dec-11	Ave	Max	Min	Samples > AAQC
	24 Hr		ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³	ng/m ³				
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	3.700	0.335	0.335	0.335	0.740	3.400	0.660	1.000	2.000	0.730	0.710	1.100	3.700	1.900	1.300	1.463	3.700	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	0.750	0.363	0.750	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	6.500	0.580	1.100	0.980	1.300	6.000	1.200	1.800	3.700	1.300	1.300	2.100	6.300	3.500	2.100	2.651	6.500	0.580	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	3.400	1.400	0.780	0.330	0.380	2.300	0.165	0.420	1.000	0.700	0.740	0.165	1.000	1.400	1.100	1.019	3.400	0.165	x
Acenaphthylene	x	0.330	1.700	0.165	0.450	0.165	0.450	2.700	0.520	0.690	1.800	0.800	1.600	0.500	2.400	0.900	3.100	1.196	3.100	0.165	x
Anthracene	x	0.330	0.710	0.550	0.165	0.165	0.165	0.500	0.165	0.165	0.165	0.165	0.450	0.165	0.165	0.165	0.800	0.311	0.800	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	0.520	0.360	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.470	0.222	0.520	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	0.165	0.165	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.301	0.335	0.165	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	1.500	0.335	0.335	0.335	0.335	1.600	0.335	0.780	1.000	0.335	0.740	0.840	2.000	1.300	1.500	0.885	2.000	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	0.370	0.179	0.370	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	1.600	2.900	0.910	0.850	1.300	1.400	0.690	0.560	0.910	0.800	1.360	0.590	0.420	0.490	1.900	1.112	2.900	0.420	x
Fluorene	x	0.330	3.700	3.200	1.600	0.980	2.700	3.600	1.200	1.200	2.400	1.900	0.640	0.350	1.400	1.800	3.900	2.038	3.900	0.350	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	1.740	0.710	1.300	1.040	1.600	21.000	1.300	1.700	4.000	1.400	1.300	2.000	5.600	0.970	1.900	3.171	21.000	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	0.330	8.800	12.000	3.700	3.300	5.500	6.000	2.500	2.000	4.200	3.700	5.200	2.000	2.100	2.400	7.500	4.727	12.000	2.000	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	1.100	1.400	0.680	0.680	0.900	1.100	0.660	0.560	0.750	0.630	1.100	0.360	0.390	0.420	1.900	0.842	1.900	0.360	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 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.

Note 3: Analytical laboratory modified RDL values on October 24 for the following parameter(s):

Benzo(j)fluoranthene (0.330 ng/m³ - 0.670 ng/m³)