METROLINX

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Data Summary
Q3, 2011

Item	Term	Description	Units
1)	NO	Nitric Oxide	ppb
2)	NO2	Nitrogen Dioxide	ppb
3)	NOX	Oxides of Nitrogen	ppb
4)	PM2.5	Particulate Matter < 2.5 micron	$\mu g/m^3$
5)	CO	Carbon Monoxide	ppm
6)	SO2	Sulphur Dioxide	ppb
7)	WS	Resultant Mean Wind Speed	km/hr
8)	WD	Resultant Mean Wind Direction	Degrees
9)	ATEM	Ambient Temperature	^oC
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	$\mu g/m^3$
15)	PAH	Polycyclic Aromatic Hydrocarbons	ng/m^3
16)	TSP	Total Suspended Particulate	$\mu g/m^3$
17)	ppb	Parts per billion	
18)	ppm	Parts per million	
19)	$\mu g/m^3$	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, Q1 - Q3

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	µg/m3	µg/m3	No.	No.	No.	No.	No.	No.	No.	No.	No.	ppb	ppb	ppb	µg/m^3	ppm	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
	Q3 Total													0	0	0	0	0	0	0	0	0						
	Q3 Arithmetic Mean[1]																						5	14	19	7	0.11	0.4

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
	Q3 Arithmetic Mean[1]	99.4	99.4	99.4	88.3	99.4	99.4

Stats

Station	Month	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					
		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	µg/m3	µg/m3	No.	No.	No.	No.	No.	No.	No.	No.	No.	ppb	ppb	ppb	µg/m^3	ppm	ppb
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	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	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	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	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	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	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	0	INS[2]	INS[2]	INS[2]	INS[2]	INS[2]	INS[2]
	Q1 Total													0	0	0	0	0	0	0	0	0						
	Q2 Total													0	0	0	0	0	0	0	0	0						
	Q3 Total													0	0	0	0	0	0	0	0	0						
	Q1 Arithmetic Mean[3]																						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

Stats

Station	Month	Maximum 1 Hr Clock Average			Minimum 1 Hr Clock Average		Monthly Mean	Total Precipitation	Percent Valid Data													
		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	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
	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
	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
	Q1 Total[4]							98.4													
	Q2 Total							241.1													
	Q3 Total[4]							173.1													
	Q1 Arithmetic Mean[3]						-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
	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	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

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
Q1 Total	---	0
Q2 Total	---	0
Q3 Total	0	0

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 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.

METROLINX
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Metrolinx - TSP / Metals Report

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : Teflon Coated Filter
Method : IO-3.1
Valid Samples - Number / % : 5 / 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/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
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													
02-Jul-11	---	---	---	---	---	---	---	---	---	---	---	---	---
08-Jul-11	---	---	---	---	---	---	---	---	---	---	---	---	---
14-Jul-11	---	---	---	---	---	---	---	---	---	---	---	---	---
20-Jul-11	---	---	---	---	---	---	---	---	---	---	---	---	---
26-Jul-11	---	---	---	---	---	---	---	---	---	---	---	---	---
01-Aug-11	---	---	---	---	---	---	---	---	---	---	---	---	---
07-Aug-11	---	---	---	---	---	---	---	---	---	---	---	---	---
13-Aug-11	---	---	---	---	---	---	---	---	---	---	---	---	---
19-Aug-11	---	---	---	---	---	---	---	---	---	---	---	---	---
25-Aug-11	---	---	---	---	---	---	---	---	---	---	---	---	---
31-Aug-11	---	---	---	---	---	---	---	---	---	---	---	---	---
06-Sep-11	15	0.000010	0.00185	0.0006	0.0364	0.0006	0.0112	0.0067	0.0195	0.0047	0.00305	0.0225	0.1290
12-Sep-11	49	0.000030	0.00460	0.0006	0.0445	0.0016	0.0226	0.0145	0.0491	0.0069	0.00305	0.0279	0.1830
18-Sep-11	22	0.000020	0.00380	0.0006	0.0408	0.0013	0.0136	0.0098	0.0231	0.0055	0.00305	0.0260	0.1280
24-Sep-11	37	0.000020	0.00550	0.0006	0.0501	0.0014	0.0428	0.0107	0.0465	0.0071	0.00305	0.0303	0.1930
30-Sep-11	18	0.000005	0.00185	0.0006	0.0443	0.0012	0.0126	0.0079	0.0302	0.0058	0.00305	0.0263	0.1410
Ave	28	0.000017	0.00352	0.0006	0.0432	0.0012	0.0206	0.0099	0.0337	0.0060	0.00305	0.0266	0.1548
Max	49	0.000030	0.00550	0.0006	0.0501	0.0016	0.0428	0.0145	0.0491	0.0071	0.00305	0.0303	0.1930
Min	15	0.000005	0.00185	0.0006	0.0364	0.0006	0.0112	0.0067	0.0195	0.0047	0.00305	0.0225	0.1280
No. > AAQC	0	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: Station commissioned September 1, 2011.
Note 2: All non detectable results are reported as ½ the detection limit.
Note 3: In July, 2011 the MOE added and/or revised AAQCs for the following parameters:
Chromium (1.5 µg/m^3 - 0.5 µg/m^3), Cobalt (0.1 µg/m^3), Manganese (2.5 µg/m^3 - 0.4 µg/m^3), Nickel (2 µg/m^3 - 0.2 µg/m^3)

METROLINX

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Metrolinx - VOC Report

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : SUMMA Canisters
Method : GC/MS (TO15A)
Valid Samples - No. / % : 5 / 100%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-11	Ave	Max	Min	Samples > AAQC
	µg/m3	µg/m3																	µg/m3	µg/m3	µg/m3	No.
2,2,4-Trimethylpentane	x	0.934	---	---	---	---	---	---	---	---	---	---	---	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
Propene	4000	0.516	---	---	---	---	---	---	---	---	---	---	---	1.120	0.945	1.205	1.635	0.775	1.136	1.635	0.775	0
Vinyl Acetate	x	0.704	---	---	---	---	---	---	---	---	---	---	---	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	x
Dichlorodifluoromethane	500000	0.99	---	---	---	---	---	---	---	---	---	---	---	4.50	3.68	5.24	3.43	3.31	4.03	5.24	3.31	0
Vinyl Chloride	1	0.051	---	---	---	---	---	---	---	---	---	---	---	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
1,3-Butadiene	10	0.11	---	---	---	---	---	---	---	---	---	---	---	0.055	0.430	0.055	0.055	0.055	0.130	0.430	0.055	0
Chloromethane	320	0.62	---	---	---	---	---	---	---	---	---	---	---	1.17	0.86	1.25	1.15	1.00	1.09	1.25	0.86	0
Trichlorotrifluoroethane	800000	0.38	---	---	---	---	---	---	---	---	---	---	---	0.85	0.77	0.76	0.87	0.83	0.82	0.87	0.76	0
Vinyl Bromide	x	0.22	---	---	---	---	---	---	---	---	---	---	---	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
Chloroform	1	0.24	---	---	---	---	---	---	---	---	---	---	---	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
Carbon Tetrachloride	2.4	0.31	---	---	---	---	---	---	---	---	---	---	---	0.70	0.66	0.64	0.78	0.79	0.71	0.79	0.64	0
Trichlorofluoromethane	6000	1.12	---	---	---	---	---	---	---	---	---	---	---	1.71	1.72	5.71	1.73	1.79	2.53	5.71	1.71	0
Benzene	2.3	0.16	---	---	---	---	---	---	---	---	---	---	---	0.92	0.50	0.64	1.70	0.58	0.87	1.70	0.50	0
Ethanol	19000	4.33	---	---	---	---	---	---	---	---	---	---	---	23.70	8.08	8.17	22.70	6.99	13.93	23.70	6.99	0
Trichloroethylene	12	0.27	---	---	---	---	---	---	---	---	---	---	---	0.410	0.135	0.135	0.135	0.135	0.190	0.410	0.135	0
2-propanol	7300	7.37	---	---	---	---	---	---	---	---	---	---	---	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	x
2-Propanone	11880	1.90	---	---	---	---	---	---	---	---	---	---	---	14.00	6.99	6.47	9.41	6.41	8.66	14.00	6.41	0
cis-1,3-Dichloropropene	x	0.23	---	---	---	---	---	---	---	---	---	---	---	0.115	0.115	0.115	0.115	0.115	0.115	0.115	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	0
trans-1,3-Dichloropropene	x	0.23	---	---	---	---	---	---	---	---	---	---	---	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	x
Methyl Isobutyl Ketone	1200	13.1	---	---	---	---	---	---	---	---	---	---	---	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	x
Methyl Butyl Ketone	x	8.19	---	---	---	---	---	---	---	---	---	---	---	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
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
1,1,2,2-Tetrachloroethane	x	0.34	---	---	---	---	---	---	---	---	---	---	---	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	x
1,1-Dichloroethylene	10	0.991	---	---	---	---	---	---	---	---	---	---	---	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	x
cis-1,2-Dichloroethylene	105	0.753	---	---	---	---	---	---	---	---	---	---	---	0.368	0.368	0.368	0.368	0.368	0.368	0.368	0.368	0
Hexachlorobutadiene	x	0.53	---	---	---	---	---	---	---	---	---	---	---	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	x
trans-1,2-Dichloroethylene	105	0.793	---	---	---	---	---	---	---	---	---	---	---	0.397	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	0
1,1-Dichloroethane	165	0.809	---	---	---	---	---	---	---	---	---	---	---	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
1,2-Dichloropropane	2400	1.85	---	---	---	---	---	---	---	---	---	---	---	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
Bromoform	55	2.07	---	---	---	---	---	---	---	---	---	---	---	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
Tetrachloroethylene	360	1.36	---	---	---	---	---	---	---	---	---	---	---	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0.680	0
Toluene	2000	0.753	---	---	---	---	---	---	---	---	---	---	---	5.22	3.37	2.82	5.95	2.14	3.90	5.95	2.14	0
Ethylbenzene	1000	0.868	---	---	---	---	---	---	---	---	---	---	---	0.434	0.434	0.434	0.977	0.434	0.543	0.977	0.434	0
p+m-Xylene	730	1.61	---	---	---	---	---	---	---	---	---	---	---	2.290	1.710	1.840	2.810	0.805	1.891	2.810	0.805	0
o-Xylene	730	0.868	---	---	---	---	---	---	---	---	---	---	---	0.920	0.434	0.434	1.080	0.434	0.660	1.080	0.434	0
Styrene	400	0.852	---	---	---	---	---	---	---	---	---	---	---	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	0
1,2,4-Trimethylbenzene	220	2.46	---	---	---	---	---	---	---	---	---	---	---	1.23	1.23	1.23	1.23	1.23	1.23	1.23	1.23	0
4-ethyltoluene	x	10.80	---	---	---	---	---	---	---	---	---	---	---	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	0.461	0.461	0.461	0.461	x
1,3-Dichlorobenzene	x	2.40	---	---	---	---	---	---	---	---	---	---	---	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	x
1,4-Dichlorobenzene	95	2.40	---	---	---	---	---	---	---	---	---	---	---	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	0
1,2-Dichlorobenzene	x	2.40	---	---	---	---	---	---	---	---	---	---	---	1.20	1.20	1.20	1.20	1.20	1.20	1.20	1.20	x
1,2,4-Trichlorobenzene	400	14.8	---	---	---	---	---	---	---	---	---	---	---	7.40	7.40	7.40	7.40	7.40	7.40	7.40	7.40	0
Hexane	2500	1.06	---	---	---	---	---	---	---	---	---	---	---	1.52	0.53	0.53	1.27	0.53	0.88	1.52	0.53	0
Cyclohexane	6100	0.688	---	---	---	---	---	---	---	---	---	---	---	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0.344	0
Tetrahydrofuran	93000	1.18	---	---	---	---	---	---	---	---	---	---	---	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0.59	0
1,4-Dioxane	3500	7.21	---	---	---	---	---	---	---	---	---	---	---	3.605	3.605	3.605	3.605	3.605	3.605	3.605	3.605	0
Xylene (Total)	730	2.61	---	---	---	---	---	---	---	---	---	---	---	3.210	1.305	1.305	3.890	1.305	2.203	3.890	1.305	0

Note 1: Station commissioned September 1, 2011.
Note 2: All non detectable results are reported as ½ the detection limit.
Note 3: In July, 2011 the MOE added AAQCs for the following parameter(s):
1,3-Butadiene (10 µg/m3), Trichlorotrifluoroethane (800000 µg/m3), Benzene (2.3 µg/m3), Ethanol (19000 µg/m3)
Note 4: Analytical laboratory modified RDL values in September for the following parameter(s):
Propene (varies from 1.55 µg/m3 - 3.27 µg/m3 throughout the entire month

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Metrolinx - PAH Report - PUF Matrix

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : PUF Cartridge
Method : GC/MS (TO13)
Valid Samples - No. / % : 5 / 100%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-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	x
1-Methylnaphthalene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	1.900	0.335	0.648	1.900	0.335	x
1-Methylphenanthrene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	1.100	0.335	0.870	0.335	0.595	1.100	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	x
2-Chloronaphthalene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
2-Methylnaphthalene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.560	0.600	0.590	3.400	11.000	3.230	11.000	0.560	x
3-Methylcholanthrene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
9,10-Dimethylanthracene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Acenaphthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.620	1.400	1.100	4.600	0.570	1.658	4.600	0.570	x
Acenaphthylene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.165	1.900	0.165	0.512	1.900	0.165	x
Anthracene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	1.500	0.590	1.100	0.165	0.704	1.500	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	x
Benzo(a)fluorene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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
Benzo(b)fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Benzo(e)pyrene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Benzo(j)fluoranthene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.165	0.335	0.335	0.233	0.335	0.165	x
Benzo(k)fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.165	0.165	0.267	0.335	0.165	x
Biphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	1.300	0.335	0.528	1.300	0.335	x
Chrysene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Dibenz(a,h)anthracene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Dibenzo(a,i)pyrene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.830	10.000	3.000	4.400	2.000	4.046	10.000	0.830	x
Fluorene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	1.200	3.600	2.300	7.700	2.000	3.360	7.700	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	x
m-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.800	0.690	3.600	2.000	1.485	3.600	0.335	0
o-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Phenanthrene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	3.500	35.000	12.000	23.000	8.900	16.480	35.000	3.500	x
p-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.530	4.600	1.300	2.100	0.970	1.900	4.600	0.530	x
Quinoline	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Benzo(b)anthracene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Triphenylene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: Station commissioned September 1, 2011.
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/m^3. This limit was revised to 0.05 ng/m^3 in July 2011. Current analytical methods are not able to detect below 0.05 ng/m^3 and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.
Note 4: Analytical laboratory modified RDL values on September 24 for the following parameter(s):
Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(k)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3)

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Metrolinx - PAH Report - Filter Matrix

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 5 / 100%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-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	x
1-Methylnaphthalene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	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	x
2-Chloronaphthalene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
2-Methylnaphthalene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	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	x
9,10-Dimethylanthracene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Acenaphthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Anthracene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Benzo(a)fluorene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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
Benzo(b)fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.390	0.400	0.165	0.257	0.400	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	x
Benzo(e)pyrene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	0.360	0.165	0.204	0.360	0.165	x
Benzo(j)fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	x
Benzo(k)fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.165	0.165	0.267	0.335	0.165	x
Biphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Coronene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Dibenzo(a,e)pyrene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.490	0.165	0.165	0.230	0.490	0.165	x
Fluorene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
m-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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
o-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Phenanthrene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Pyrene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.360	0.165	0.165	0.204	0.360	0.165	x
Quinoline	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Benzo(b)anthracene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Triphenylene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: Station commissioned September 1, 2011.
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/m^3. This limit was revised to 0.05 ng/m^3 in July 2011. Current analytical methods are not able to detect below 0.05 ng/m^3 and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.
Note 4: Analytical laboratory modified RDL values on September 24 for the following parameter(s):
Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(k)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3)

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Metrolinx - PAH Report - Total PAH

Station : 35020
Location : Wallace Avenue, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 5 / 100%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-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	x
1-Methylnaphthalene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	1.900	0.335	0.648	1.900	0.335	x
1-Methylphenanthrene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	1.100	0.335	0.870	0.335	0.595	1.100	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	x
2-Chloronaphthalene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
2-Methylnaphthalene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.560	0.600	0.590	3.400	11.000	3.230	11.000	0.560	x
3-Methylcholanthrene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
9,10-Dimethylanthracene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Acenaphthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.620	1.400	1.100	4.600	0.570	1.658	4.600	0.570	x
Acenaphthylene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.165	1.900	0.165	0.512	1.900	0.165	x
Anthracene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	1.500	0.590	1.100	0.165	0.704	1.500	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	x
Benzo(a)fluorene	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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
Benzo(b)fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.390	0.400	0.165	0.257	0.400	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	x
Benzo(e)pyrene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	0.360	0.165	0.204	0.360	0.165	x
Benzo(j)fluoranthene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.165	0.165	0.165	0.335	0.335	0.233	0.335	0.165	x
Benzo(k)fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.165	0.165	0.267	0.335	0.165	x
Biphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	1.300	0.335	0.528	1.300	0.335	x
Chrysene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Dibenz(a,h)anthracene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	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	x
Dibenzo(a,i)pyrene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Fluoranthene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.830	10.000	3.500	4.400	2.000	4.146	10.000	0.830	x
Fluorene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	1.200	3.600	2.300	7.700	2.000	3.360	7.700	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	x
m-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Naphthalene	22500	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.800	0.690	3.600	2.000	1.485	3.600	0.335	0
o-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Phenanthrene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	3.500	35.000	12.000	23.000	8.900	16.480	35.000	3.500	x
p-Terphenyl	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x
Pyrene	x	0.330	---	---	---	---	---	---	---	---	---	---	---	0.530	4.600	1.800	2.100	0.970	2.000	4.600	0.530	x
Quinoline	x	1.30	---	---	---	---	---	---	---	---	---	---	---	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	x
Benzo(b)anthracene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	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	x
Triphenylene	x	0.670	---	---	---	---	---	---	---	---	---	---	---	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	x

Note 1: Station commissioned September 1, 2011.
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/m^3. This limit was revised to 0.05 ng/m^3 in July 2011. Current analytical methods are not able to detect below 0.05 ng/m^3 and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.
Note 4: Analytical laboratory modified RDL values on September 24 for the following parameter(s):
Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(k)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3)

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Metrolinx - TSP / Metals Report

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : Teflon Coated Filter
Method : IO-3.1
Valid Samples - Number / % : 13 / 81.3%

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/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
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													
02-Jul-11	50	0.000020	0.00550	0.0006	0.0441	0.0014	0.0549	0.0164	0.0460	0.0068	0.00305	0.0274	0.1790
08-Jul-11	43	0.000021	0.00185	0.0006	0.0422	0.0015	0.0249	0.0177	0.0393	0.0066	0.00305	0.0253	0.1620
14-Jul-11	42	0.000020	0.00185	0.0006	0.0417	0.0016	0.0234	0.0156	0.0426	0.0065	0.00305	0.0249	0.1390
20-Jul-11	55	0.000020	0.00185	0.0006	0.0373	0.0013	0.0194	0.0170	0.0423	0.0058	0.00305	0.0226	0.1360
26-Jul-11	26	0.000005	0.00185	0.0006	0.0422	0.0006	0.0173	0.0084	0.0358	0.0057	0.00305	0.0278	0.1610
01-Aug-11	27	0.000005	0.00185	0.0006	0.0417	0.0006	0.0138	0.0086	0.0297	0.0054	0.00305	0.0268	0.1550
07-Aug-11	27	0.000005	0.00390	0.0006	0.0425	0.0006	0.0151	0.0086	0.0318	0.0055	0.00305	0.0270	0.1610
13-Aug-11	40	0.000020	0.00450	0.0006	0.0441	0.0014	0.0261	0.0122	0.0394	0.0067	0.00305	0.0279	0.1680
19-Aug-11	65	0.000020	0.00400	0.0006	0.0449	0.0017	0.0299	0.0159	0.0655	0.0080	0.00305	0.0280	0.1750
25-Aug-11	29	0.000005	0.00185	0.0006	0.0436	0.0015	0.0174	0.0097	0.0406	0.0063	0.00305	0.0271	0.1520
31-Aug-11	**Station Relocation - No Power to Site**												
06-Sep-11													
12-Sep-11													
18-Sep-11	20	0.000010	0.00185	0.0006	0.0403	0.0013	0.0122	0.0077	0.0235	0.0053	0.00305	0.0255	0.1420
24-Sep-11	31	0.000010	0.00420	0.0006	0.0475	0.0012	0.0246	0.0090	0.0431	0.0062	0.00305	0.0287	0.1510
30-Sep-11	20	0.000005	0.00185	0.0006	0.0454	0.0006	0.0140	0.0135	0.0344	0.0059	0.00305	0.0281	0.1330
Ave	37	0.000013	0.00284	0.0006	0.0429	0.0012	0.0225	0.0123	0.0395	0.0062	0.00305	0.0267	0.1549
Max	65	0.000021	0.00550	0.0006	0.0475	0.0017	0.0549	0.0177	0.0655	0.0080	0.00305	0.0287	0.1790
Min	20	0.000005	0.00185	0.0006	0.0373	0.0006	0.0122	0.0077	0.0235	0.0053	0.00305	0.0226	0.1330
No. > AAQC	0	0	0	0	0	0	0	0	0	0	0	0	0

Note 1: Station shutdown between August 26 - September 13 for relocation. No sampling conducted.
Note 2: All non detectable results are reported as ½ the detection limit.
Note 3: In July, 2011 the MOE added and/or revised AAQCs for the following parameter(s):
Chromium (1.5 µg/m^3 - 0.5 µg/m^3), Cobalt (0.1 µg/m^3), Manganese (2.5 µg/m^3 - 0.4 µg/m^3), Nickel (2 µg/m^3 - 0.2 µg/m^3)

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Metrolinx - VOC Report

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : SUMMA Canisters
Method : GC/MS (TO15A)
Valid Samples - No. / % : 12 / 75.0%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-11	Ave	Max	Min	Samples > AAQC
	µg/m3	µg/m3																	µg/m3	µg/m3	µg/m3	No.
2,2,4-Trimethylpentane	x	0.934	0.467	0.467	0.467	0.467	0.467		0.467	0.958	0.467	0.467				0.467	0.467	0.467	0.508	0.958	0.467	x
Carbon Disulfide	330	1.56	0.78	1.90	1.59	0.78	0.78		0.78	0.78	0.78	0.78				0.78	0.78	0.78	0.94	1.90	0.78	0
Propene	4000	0.516	0.258	2.910	0.258	3.250	0.431		0.775	1.635	0.945	0.775				0.775	1.290	0.775	1.173	3.250	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	0.352	0.352	x
Dichlorodifluoromethane	500000	0.99	3.69	3.41	3.31	3.98	2.90		2.98	3.10	3.08	3.25				4.03	3.54	3.29	3.38	4.03	2.90	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
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
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
Chloromethane	320	0.62	1.55	1.87	1.75	2.14	1.10		1.26	1.22	1.41	1.16				0.98	1.20	0.90	1.38	2.14	0.90	0
Trichlorotrifluoroethane	800000	0.38	0.78	0.83	0.83	0.81	0.88		0.74	0.87	0.82	0.79				0.19	0.96	0.87	0.78	0.96	0.19	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	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
Chloroform	1	0.24	0.35	0.12	0.12	0.33	0.28		0.28	0.42	0.12	0.12				0.12	0.12	0.12	0.21	0.42	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
Carbon Tetrachloride	2.4	0.31	0.670	0.680	0.670	0.650	0.780		0.670	0.660	0.690	0.660				0.840	0.750	0.760	0.707	0.840	0.650	0
Trichlorofluoromethane	6000	1.12	2.05	1.62	1.65	1.77	1.59		1.83	1.91	1.69	1.87				1.71	1.86	1.80	1.78	2.05	1.59	0
Benzene	2.3	0.16	1.50	0.61	0.97	1.20	0.53		0.98	1.70	0.74	0.68				0.62	2.10	0.74	1.03	2.10	0.53	0
Ethanol	19000	4.33	18.90	10.00	18.10	20.00	9.59		16.80	25.50	11.60	7.98				8.85	14.70	5.02	13.92	25.50	5.02	0
Trichloroethylene	12	0.27	0.135	0.135	0.135	0.135	0.290		0.135	0.370	0.135	0.135				0.135	0.135	0.135	0.168	0.370	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	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	x
2-Propanone	11880	1.9	15.60	29.60	40.40	33.90	9.88		15.40	27.90	26.00	24.30				9.64	15.10	5.91	21.14	40.40	5.91	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	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	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	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	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	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	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	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
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
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	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	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
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	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
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	0.265	0.265	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
Methylene Chloride	220	2.78	2.88	1.39	2.93	5.15	1.39		1.39	1.39	1.39	1.39				1.39	1.39	1.39	1.96	5.15	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
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
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
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
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	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	1.270	0.615	0.670	1.270	0.615	0
Tetrachloroethylene	360	1.36	0.680	0.680	0.680	0.680	0.680		0.680	0.680	2.510	0.680				0.680	0.680	0.680	0.833	2.510	0.680	0
Toluene	2000	0.753	5.31	1.63	27.10	5.33	2.33		3.54	8.24	2.97	2.20				1.74	4.84	2.25	5.62	27.10	1.63	0
Ethylbenzene	1000	0.868	0.874	0.434	0.434	1.040	0.434		0.434	1.390	0.434	0.434				0.434	0.943	0.434	0.643	1.390	0.434	0
p+m-Xylene	730	1.61	2.660	0.805	2.620	2.570	0.805		0.805	4.080	1.710	0.805				0.805	2.790	0.805	1.772	4.080	0.805	0
o-Xylene	730	0.868	1.020	0.434	0.434	1.070	0.434		0.434	1.400	0.434	0.434				0.434	1.000	0.434	0.664	1.400	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	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	1.23	1.23	1.23	0
1,2,4-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	1.23	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	x
Chlorobenzene	x	0.921	0.461	0.461	0.461	0.461	0.461		0.461	0.461	0.461	0.461				0.461	0.461	0.461	0.461	0.461	0.461	x
1,3-Dichlorobenzene	x	2.40	1.20	1.20	1.20	1.20	1.20		1.20	1.20	1.20	1.20				1.20	1.20	1.20	1.20	1.20	1.20	x
1,4-Dichlorobenzene	95	2.40	1.20	1.20	1.20	1.20	1.20		1.20	1.20	1.20	1.20				1.20	1.20	1.20	1.20	1.20	1.20	0
1,2-Dichlorobenzene	x	2.40	1.20	1.20	1.20	1.20	1.20		1.20	1.20	1.20	1.20				1.20	1.20	1.20	1.20	1.20	1.20	x
1,2,4-Trichlorobenzene	400	14.8	7.40	7.40	7.40	7.40	7.40		7.40	7.40	7.40	7.40				7.40	7.40	7.40	7.40	7.40	7.40	0
Hexane	2500	1.06	1.34	0.53	0.53	1.58	0.53		1.63	1.98	1.28	1.29				0.53	2.25	0.53	1.17	2.25	0.53	0
Cyclohexane	6100	0.688	0.344	0.344	0.344	0.344	0.344		0.344	0.344	0.344	0.344				0.344	0.344	0.344	0.344	0.344	0.344	0
Tetrahydrofuran	93000	1.18	0.59	0.59	0.59	0.59	0.59		0.59	0.59	0.59	0.59				0.59	0.59	0.59	0.59	0.59	0.59	0
1,4-Dioxane	3500	7.21	3.605	3.605	3.605	3.605	3.605		3.605	3.605	3.605	3.605				3.605	3.605	3.605	3.605	3.605	3.605	0
Xylene (Total)	730	2.61	3.670	1.305	2.620	3.650	1.305		1.305	5.470	1.305	1.305				1.305	3.800	1.305	2.362	5.470	1.305	0

Invalid Sample - Sampler Malfunction

Station Relocation - No Power To Station

Note 1: Station shutdown between August 26 - September 13 for relocation. No sampling conducted.
Note 2: All non detectable results are reported as ½ the detection limit.
Note 3: In July, 2011 the MOE added AAQCs for the following parameter(s):
1,3-Butadiene (10 µg/m3), Trichlorotrifluoroethane (800000 µg/m3), Benzene (2.3 µg/m3), Ethanol (19000 µg/m3)
Note 4: Analytical laboratory modified RDL values in Q3 for the following parameter(s):
Propene (varies from 1.55 µg/m3 - 3.27 µg/m3 throughout the entire quarter

METROLINX
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Metrolinx - PAH Report - PUF Matrix

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : PUF Cartridge
Method : GC/MS (TO13)
Valid Samples - No. / % : 13 / 81.3%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-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	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.322	0.335	0.165	x
1-Methylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.210	0.335				0.335	1.200	0.335	0.392	1.200	0.210	x
1-Methylphenanthrene	x	0.670	0.335	0.720	0.335	0.740	0.335	0.830	0.670	0.890	0.335	0.335				0.335	0.335	0.335	0.502	0.890	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	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	0.322	0.335	0.165	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	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	x
2-Methylnaphthalene	x	0.330	0.165	0.560	0.980	0.165	0.400	0.400	0.500	1.100	1.300	0.500				0.400	2.400	0.600	0.728	2.400	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	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	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	x
9-Methylphenanthrene	x	0.670	0.570	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.353	0.570	0.335	x
Acenaphthene	x	0.330	0.410	0.520	3.000	0.165	0.630	0.700	1.200	1.100	1.300	0.690				1.200	2.100	0.500	1.040	3.000	0.165	x
Acenaphthylene	x	0.330	0.165	0.165	0.380	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	1.000	0.165	0.246	1.000	0.165	x
Anthracene	x	0.330	0.165	0.430	0.540	0.165	0.430	0.900	0.165	0.930	0.165	0.165				0.560	0.370	0.165	0.396	0.930	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	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	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
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	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	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	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	x
Benzo(j)fluoranthene	x	0.670	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.165	0.335	0.335	0.309	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				0.335	0.165	0.165	0.178	0.335	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	0.830	0.335	0.373	0.830	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	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	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	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	x
Dibenzo(a,i)pyrene	x	0.670	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	0.322	0.335	0.165	x
Fluoranthene	x	0.330	3.100	4.100	3.300	4.500	3.000	6.800	5.200	6.400	2.100	1.500				2.900	1.700	1.000	3.508	6.800	1.000	x
Fluorene	x	0.330	1.300	2.900	3.900	0.370	1.400	1.600	2.300	1.900	2.100	1.200				2.700	3.300	1.100	2.005	3.900	0.370	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	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	x
Naphthalene	22500	0.670	0.335	1.100	1.300	0.335	0.830	0.800	0.900	1.800	1.900	0.890				0.335	2.600	0.730	1.066	2.600	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	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	x
Phenanthrene	x	0.330	12.000	17.000	13.000	5.300	10.000	18.000	15.000	20.000	7.900	4.500				13.000	8.100	4.400	11.400	20.000	4.400	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	x
Pyrene	x	0.330	1.300	1.800	1.500	2.100	1.400	3.100	2.300	2.900	0.970	0.790				1.600	0.970	0.600	1.641	3.100	0.600	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	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	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	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	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	x

Station Relocation - No Power To Station

Note 1: Station shutdown between August 26 - September 13 for relocation. No sampling conducted.
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/m^3. This limit was revised to 0.05 ng/m^3 in July 2011. Current analytical methods are not able to detect below 0.05 ng/m^3 and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.
Note 4: Analytical laboratory modified RDL values on July 8 for the following parameter(s):
1,2-Dimethylnaphthalene (0.330 ng/m^3 - 0.670 ng/m^3), 2,6 & 2,7-Dimethylnaphthalene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Dibenzo(a,i)pyrene (0.330 ng/m^3 - 0.670 ng/m^3)
Note 5: Analytical laboratory modified RDL values on September 18 for the following parameter(s):
Benzo(j)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3), Benzo(k)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3)
Note 6: Analytical laboratory modified RDL values on September 24 for the following parameter(s):
Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(k)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3)

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Metrolinx - PAH Report - Filter Matrix

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 13 / 81.3%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-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	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.322	0.335	0.165	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	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	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	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	0.322	0.335	0.165	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	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	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	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	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	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	x
9-Methylphenanthrene	x	0.670	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	0.322	0.335	0.165	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	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	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	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	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	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
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	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	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	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	x
Benzo(j)fluoranthene	x	0.330	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.165	0.165	0.165	0.283	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				0.335	0.165	0.165	0.178	0.335	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	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	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	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	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	x
Dibenzo(a,i)pyrene	x	0.670	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	0.322	0.335	0.165	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	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	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	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	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
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	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	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	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	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	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	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	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	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	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	x

Station Relocation - No Power To Station

Note 1: Station shutdown between August 26 - September 13 for relocation. No sampling conducted.
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/m^3. This limit was revised to 0.05 ng/m^3 in July 2011. Current analytical methods are not able to detect below 0.05 ng/m^3 and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.
Note 4: Analytical laboratory modified RDL values on July 8 for the following parameter(s):
1,2-Dimethylnaphthalene (0.330 ng/m^3 - 0.670 ng/m^3), 2,6 & 2,7-Dimethylnaphthalene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Dibenzo(a,i)pyrene (0.330 ng/m^3 - 0.670 ng/m^3)
Note 5: Analytical laboratory modified RDL values on September 18 for the following parameter(s):
Benzo(j)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3), Benzo(k)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3)
Note 6: Analytical laboratory modified RDL values on September 24 for the following parameter(s):
Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(k)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3)

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Metrolinx - PAH Report - Total PAH

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 July, 2011 to 30 September, 2011

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 13 / 81.3%

Parameter	AAQC 24 Hr	RDL	02-Jul-11	08-Jul-11	14-Jul-11	20-Jul-11	26-Jul-11	01-Aug-11	07-Aug-11	13-Aug-11	19-Aug-11	25-Aug-11	31-Aug-11	06-Sep-11	12-Sep-11	18-Sep-11	24-Sep-11	30-Sep-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	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.322	0.335	0.165	x
1-Methylnaphthalene	x	0.670	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.210	0.335				0.335	1.200	0.335	0.392	1.200	0.210	x
1-Methylphenanthrene	x	0.670	0.335	0.720	0.335	0.740	0.335	0.830	0.670	0.890	0.335	0.335				0.335	0.335	0.335	0.502	0.890	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	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	0.322	0.335	0.165	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	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	x
2-Methylnaphthalene	x	0.330	0.165	0.560	0.980	0.165	0.400	0.400	0.500	1.100	1.300	0.500				0.400	2.400	0.600	0.728	2.400	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	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	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	x
9-Methylphenanthrene	x	0.670	0.570	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.335	0.335	0.335	0.353	0.570	0.335	x
Acenaphthene	x	0.330	0.410	0.520	3.000	0.165	0.630	0.700	1.200	1.100	1.300	0.690				1.200	2.100	0.500	1.040	3.000	0.165	x
Acenaphthylene	x	0.330	0.165	0.165	0.380	0.165	0.165	0.165	0.165	0.165	0.165	0.165				0.165	1.000	0.165	0.246	1.000	0.165	x
Anthracene	x	0.330	0.165	0.430	0.540	0.165	0.430	0.900	0.165	0.930	0.165	0.165				0.560	0.370	0.165	0.396	0.930	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	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	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
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	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	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	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	x
Benzo(j)fluoranthene	x	0.670	0.165	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335	0.335				0.165	0.335	0.335	0.309	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				0.335	0.165	0.165	0.178	0.335	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	0.830	0.335	0.373	0.830	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	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	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	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	x
Dibenzo(a,i)pyrene	x	0.670	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	0.322	0.335	0.165	x
Fluoranthene	x	0.330	3.100	4.100	3.300	4.500	3.000	6.800	5.200	6.400	2.100	1.500				2.900	1.700	1.000	3.508	6.800	1.000	x
Fluorene	x	0.330	1.300	2.900	3.900	0.370	1.400	1.600	2.300	1.900	2.100	1.200				2.700	3.300	1.100	2.005	3.900	0.370	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	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	x
Naphthalene	22500	0.670	0.335	1.100	1.300	0.335	0.830	0.800	0.900	1.800	1.900	0.890				0.335	2.600	0.730	1.066	2.600	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	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	x
Phenanthrene	x	0.330	12.000	17.000	13.000	5.300	10.000	18.000	15.000	20.000	7.900	4.500				13.000	8.100	4.400	11.400	20.000	4.400	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	x
Pyrene	x	0.330	1.300	1.800	1.500	2.100	1.400	3.100	2.300	2.900	0.970	0.790				1.600	0.970	0.600	1.641	3.100	0.600	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	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	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	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	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	x

Station Relocation - No Power To Station

Note 1: Station shutdown between August 26 - September 13 for relocation. No sampling conducted.
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/m^3. This limit was revised to 0.05 ng/m^3 in July 2011. Current analytical methods are not able to detect below 0.05 ng/m^3 and B(a)P is reported as below the detection limit. Metrolinx is working with the MOE to resolve this issue.
Note 4: Analytical laboratory modified RDL values on July 8 for the following parameter(s):
1,2-Dimethylnaphthalene (0.330 ng/m^3 - 0.670 ng/m^3), 2,6 & 2,7-Dimethylnaphthalene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Dibenzo(a,i)pyrene (0.330 ng/m^3 - 0.670 ng/m^3)
Note 5: Analytical laboratory modified RDL values on September 18 for the following parameter(s):
Benzo(j)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3), Benzo(k)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3)
Note 6: Analytical laboratory modified RDL values on September 24 for the following parameter(s):
Benzo(j)fluoranthene (0.330 ng/m^3 - 0.670 ng/m^3), Benzo(k)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3)