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Data Summary
Q2, 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 - Q2

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
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
	Q1 Total													0	0	0	0	0	0	0	0	0						
	Q2 Total													0	0	0	0	0	0	0	0	0						
	Q1 Arithmetic Mean[1]																						12	21	33	9	0.26	1.2
	Q2 Arithmetic Mean																						7	16	23	8	0.15	0.6

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	99.7	100.0	100.0	99.7
	Q1 Total							98.4													
	Q2 Total							241.1													
	Q1 Arithmetic Mean[1]						-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

Number of Days > 24 Hr Average
Reference Level of 30 µg/m^3 for PM2.5

Month	Station
	35021
January	---
February	0
March	0
April	0
May	0
June	0
Q1 Total	0
Q2 Total	0

Note 1 : Q1 Arithmetic Mean based on available data. Station 35021 commissioned 01 February, 2011.

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

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Metrolinx - TSP / Metals Report

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 April, 2011 to 30 June, 2011

Sample Matrix : Teflon Coated Filter
Method : IO-3.1
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/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	1.5	x	50	0.5	2.5	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													
03-Apr-11	21	0.000005	0.00185	0.0006	0.0412	0.0018	0.0125	0.0137	0.0344	0.0059	0.00305	0.0265	0.1450
09-Apr-11	49	0.000030	0.00440	0.0006	0.0476	0.0021	0.0289	0.0107	0.0507	0.0073	0.00305	0.0294	0.1730
15-Apr-11	40	0.000020	0.00185	0.0006	0.0469	0.0021	0.0163	0.0072	0.0432	0.0066	0.00305	0.0298	0.1500
21-Apr-11	32	0.000005	0.00185	0.0006	0.0458	0.0023	0.0207	0.0073	0.0547	0.0064	0.00305	0.0293	0.2310
27-Apr-11	27	0.000010	0.00185	0.0006	0.0450	0.0013	0.0193	0.0009	0.0382	0.0065	0.00305	0.0289	0.1670
03-May-11	18	0.000005	0.00185	0.0006	0.0410	0.0006	0.0170	0.0009	0.0262	0.0057	0.00305	0.0261	0.1440
09-May-11	37	0.000010	0.00185	0.0006	0.0437	0.0014	0.0260	0.0009	0.0397	0.0062	0.00305	0.0265	0.1800
15-May-11	11	0.000010	0.00185	0.0006	0.0401	0.0006	0.0103	0.0083	0.0184	0.0052	0.00305	0.0259	0.1480
21-May-11	39	0.000020	0.00590	0.0006	0.0492	0.0015	0.0257	0.0114	0.0507	0.0075	0.00305	0.0274	0.1860
27-May-11	17	0.000005	0.00185	0.0006	0.0419	0.0006	0.0157	0.0107	0.0280	0.0054	0.00305	0.0263	0.1600
02-Jun-11	93	0.000020	0.00185	0.0006	0.0437	0.0020	0.0336	0.0136	0.0713	0.0076	0.00305	0.0278	0.1900
08-Jun-11	48	0.000020	0.00185	0.0006	0.0408	0.0017	0.0218	0.0121	0.0406	0.0066	0.00305	0.0257	0.1670
14-Jun-11	31	0.000020	0.00185	0.0006	0.0405	0.0017	0.0207	0.0076	0.0326	0.0066	0.00305	0.0255	0.1540
20-Jun-11	40	0.000010	0.00185	0.0006	0.0417	0.0015	0.0233	0.0105	0.0412	0.0066	0.00305	0.0260	0.1560
26-Jun-11	16	0.000005	0.00185	0.0006	0.0372	0.0006	0.0162	0.0073	0.0254	0.0052	0.00305	0.0236	0.1420

Ave	35	0.000013	0.00229	0.0006	0.0431	0.0015	0.0205	0.0082	0.0397	0.0064	0.00305	0.0270	0.1662
Max	93	0.000030	0.00590	0.0006	0.0492	0.0023	0.0336	0.0137	0.0713	0.0076	0.00305	0.0298	0.2310
Min	11	0.000005	0.00185	0.0006	0.0372	0.0006	0.0103	0.0009	0.0184	0.0052	0.00305	0.0236	0.1420
No. > AAQC	0	0	0	0	0	x	0	0	0	0	0	0	0

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

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Metrolinx - VOC Report

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 April, 2011 to 30 June, 2011

Sample Matrix : SUMMA Canisters
Method : GC/MS (TO15A)
Valid Samples - No. / % : 15 / 100%

Parameter	AAQC 24 Hr	RDL	03-Apr-11	09-Apr-11	15-Apr-11	21-Apr-11	27-Apr-11	03-May-11	09-May-11	15-May-11	21-May-11	27-May-11	02-Jun-11	08-Jun-11	14-Jun-11	20-Jun-11	26-Jun-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	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	0.467	x
Carbon Disulfide	330	1.56	0.78	0.78	0.78	0.78	2.90	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.78	0.92	2.90	0.78	0
Propene	4000	0.516	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	0.258	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	0.352	0.352	0.352	x
Dichlorodifluoromethane	500000	0.99	3.87	3.26	3.23	3.51	2.36	2.28	2.27	2.27	2.51	3.02	3.78	4.06	3.83	3.77	3.52	3.17	4.06	2.27	0
Vinyl Chloride	1	0.051	0.230	0.230	0.230	0.230	0.230	0.230	0.230	0.026	0.026	0.077	0.026	0.026	0.026	0.026	0.026	0.124	0.230	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	x	0.11	0.555	0.555	0.555	0.555	0.555	0.555	0.555	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.055	0.288	0.555	0.055	x
Chloromethane	320	0.62	1.45	1.03	1.08	1.19	1.61	1.21	1.16	0.83	0.94	1.31	1.45	1.64	1.37	1.59	1.41	1.28	1.64	0.83	0
Trichlorotrifluoroethane	x	1.15	0.58	0.58	0.58	0.58	0.58	0.58	0.58	0.92	1.00	1.10	0.91	0.83	0.92	0.78	0.75	0.75	1.10	0.58	x
Vinyl Bromide	x	0.22	0.44	0.44	0.44	0.44	0.44	0.44	0.44	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.26	0.44	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	0.37	0.37	0.37	0.37	0.37	0.37	0.37	0.12	0.12	0.29	0.12	0.12	0.12	0.12	0.12	0.25	0.37	0.12	0
1,2-Dichloroethane	2	0.20	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.10	0.10	0.20	0.10	0.10	0.10	0.10	0.10	0.25	0.40	0.10	0
Carbon Tetrachloride	2.4	0.31	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.75	0.75	0.82	0.73	0.67	0.73	0.66	0.65	0.83	0.95	0.65	0
Trichlorofluoromethane	6000	1.12	2.07	2.08	2.03	2.09	1.16	1.13	1.17	1.23	1.27	1.72	1.95	2.18	1.99	1.96	1.91	1.73	2.18	1.13	0
Benzene	x	0.575	0.69	0.81	0.29	0.29	0.68	0.29	0.59	0.61	0.89	0.93	0.62	0.91	0.91	0.72	0.85	0.67	0.93	0.29	x
Ethanol	x	4.33	9.82	13.30	10.20	5.38	2.17	2.17	6.16	2.17	6.17	5.78	7.66	14.40	11.30	2.17	7.68	7.10	14.40	2.17	x
Trichloroethylene	12	0.27	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.135	0.270	0.135	0.135	0.135	0.135	0.135	0.135	0.457	0.805	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	3.685	3.685	3.685	0
Bromodichloromethane	x	0.34	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.40	0.67	0.17	x
2-Propanone	11880	1.90	10.50	12.50	5.36	5.02	14.30	3.36	7.64	7.29	13.00	10.50	16.70	25.20	12.40	23.40	8.91	11.74	25.20	3.36	0
cis-1,3-Dichloropropene	x	0.23	0.409	0.409	0.409	0.409	0.409	0.409	0.409	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.252	0.409	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	0.386	0.386	0.386	0.386	0.386	0.386	0.386	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.115	0.241	0.386	0.115	x
1,1,2-Trichloroethane	x	0.22	0.41	0.41	0.41	0.41	0.41	0.41	0.41	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.25	0.41	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	0.850	0.850	0.850	0.850	0.850	0.850	0.850	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.215	0.511	0.850	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	0.66	0.66	0.66	0.66	0.66	0.66	0.66	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.19	0.41	0.66	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	0.69	0.69	0.69	0.69	0.69	0.69	0.69	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.41	0.69	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	2.59	2.59	2.59	2.59	2.59	2.59	2.59	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	1.28	2.59	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	16.000	16.000	16.000	16.000	16.000	16.000	16.000	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	7.608	16.000	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	2.17	1.69	1.35	2.54	2.44	2.05	2.66	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.73	2.66	1.35	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	1.500	0.615	0.615	0.615	0.615	0.615	0.674	1.500	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	0.680	0.680	0.680	0.680	0.680	0
Toluene	2000	0.753	1.03	2.13	0.38	0.82	3.43	1.92	2.58	1.46	1.98	4.26	1.64	4.19	3.39	3.48	2.02	2.31	4.26	0.38	0
Ethylbenzene	1000	0.868	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0
p+m-Xylene	730	1.61	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	0.805	2.040	2.140	0.805	0.805	0.976	2.140	0.805	0
o-Xylene	730	0.868	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	0.434	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	0.426	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	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	1.23	1.23	1.23	0
4-ethyltoluene	x	10.8	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	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	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	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	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	7.40	7.40	7.40	0
Hexane	2500	1.06	0.53	0.53	0.53	0.53	0.53	0.53	0.53	1.09	0.53	1.56	6.06	0.53	1.21	0.53	0.53	1.05	6.06	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	0.344	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	0.59	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	3.605	3.605	3.605	0
Xylene (Total)	730	2.61	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	1.305	0

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

Note 2: Analytical laboratory modified RDL values on May 15 for the following parameter(s):
Vinyl Chloride (0.460 µg/m^3 - 0.051 µg/m^3), Vinyl Bromide (0.875 µg/m^3 - 0.22 µg/m^3), 1,3-Butadiene (1.11 µg/m^3 - 0.11 µg/m^3), Chloroform (0.732 µg/m^3 - 0.24 µg/m^3), 1,2-Dichloroethane (0.809 µg/m^3 - 0.20 µg/m^3), Trichloroethylene (1.61 µg/m^3 - 0.27 µg/m^3), cis-1,3-Dichloropropene (0.817 µg/m^3 - 0.23 µg/m^3), Carbon Tetrachloride (1.89 µg/m^3 - 0.31 µg/m^3), trans-1,3-Dichloropropene (0.772 µg/m^3 - 0.23 µg/m^3), 1,1,2-Trichloroethane (0.818 µg/m^3 - 0.22 µg/m^3), Dibromochloromethane (1.70 µg/m^3 - 0.43 µg/m^3), Ethylene Dibromide (1.31 µg/m^3 - 0.38 µg/m^3), 1,1,2,2-Tetrachloroethane (1.37 µg/m^3 - 0.34 µg/m^3), Benzyl chloride (5.18 µg/m^3 - 0.26 µg/m^3), Hexachlorobutadiene (32.0 µg/m^3 - 0.53 µg/m^3), Methylene Chloride (1.04 µg/m^3 - 2.78 µg/m^3)

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Metrolinx - PAH Report - PUF Matrix

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 April, 2011 to 30 June, 2011

Sample Matrix : PUF Cartridge
Method : GC/MS (TO13)
Valid Samples - No. / % : 14 / 93.3%

Parameter	AAQC 24 Hr	RDL	03-Apr-11	09-Apr-11	15-Apr-11	21-Apr-11	27-Apr-11	03-May-11	09-May-11	15-May-11	21-May-11	27-May-11	02-Jun-11	08-Jun-11	14-Jun-11	20-Jun-11	26-Jun-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	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.390	0.165	0.165		0.335	0.335	0.335	0.165	0.165		0.218	0.390	0.165	x
1-Methylnaphthalene	x	0.670	0.335	0.770	0.335	1.270	0.335	0.335	1.390	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.508	1.390	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	1.000	0.335		0.383	1.000	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.540	0.820	0.540	1.120	0.480	0.440	1.380	0.165	0.165		0.335	0.335	0.335	0.350	0.440		0.532	1.380	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	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	x
2-Methylnaphthalene	x	0.330	1.020	1.470	0.970	2.450	0.620	0.590	2.680	0.867	1.300		0.300	1.000	3.000	0.790	0.860		1.280	3.000	0.300	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	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	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	x
9-Methylphenanthrene	x	0.330	0.165	0.360	0.165	0.165	0.640	0.350	0.500	0.800	1.200		0.335	0.335	0.335	1.200	0.570		0.509	1.200	0.165	x
Acenaphthene	x	0.330	0.790	0.990	1.430	0.920	0.470	0.710	2.600	0.165	0.165		1.700	0.450	4.900	1.700	1.900		1.349	4.900	0.165	x
Acenaphthylene	x	0.330	0.165	0.165	0.165	0.680	0.165	0.340	0.630	0.165	0.367		0.165	0.165	0.800	0.165	0.165		0.307	0.800	0.165	x
Anthracene	x	0.330	0.165	0.165	0.165	0.165	0.380	0.165	0.390	0.165	0.165		0.165	0.165	0.600	1.500	0.510		0.348	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	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	x
Benzo(a)pyrene	1.1	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
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	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	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	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	x
Benzo(j)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.165	0.165		0.226	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	x
Biphenyl	x	0.670	0.335	0.870	0.335	0.680	0.335	0.335	1.180	0.335	0.335		0.335	0.335	1.300	0.335	0.335		0.527	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	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	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	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	x
Dibenzo(a,i)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.165	0.165		0.226	0.335	0.165	x
Fluoranthene	x	0.330	0.600	1.590	0.980	0.710	2.770	1.310	2.170	1.400	3.133		3.200	11.000	2.800	8.500	2.900		3.076	11.000	0.600	x
Fluorene	x	0.330	1.100	3.020	2.380	1.310	1.400	2.190	4.330	1.667	2.500		3.400	11.000	5.400	5.000	3.000		3.407	11.000	1.100	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	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	x
Naphthalene	22500	0.670	1.300	1.610	1.010	2.650	0.770	0.335	2.690	1.000	2.500		1.300	4.300	3.900	2.300	2.200		1.990	4.300	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	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	x
Phenanthrene	x	0.330	2.300	7.070	4.370	2.680	10.500	5.520	11.600	4.700	12.633		12.700	42.000	13.000	37.000	13.000		12.791	42.000	2.300	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	x
Pyrene	x	0.330	0.370	0.990	0.540	0.740	1.580	0.810	1.110	0.733	1.533		1.600	5.300	1.300	3.900	1.400		1.565	5.300	0.370	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	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	x
Benzo(b)anthracene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.250	0.335	0.165	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.250	0.335	0.165	x
Triphenylene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.250	0.335	0.165	x

Invalid sample - GFCI tripped

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

Note 2: Analytical laboratory modified RDL values on May 15 for the following parameter(s):
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), Benzo(b)anthracene (0.330 ng/m^3 - 0.670 ng/m^3), Dibenzo(a,c)anthracene + Picene (0.330 ng/m^3 - 0.670 ng/m^3), Triphenylene (0.330 ng/m^3 - 0.670 ng/m^3)

Note 3: Analytical laboratory modified RDL values on June 2 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), 9-Methylphenanthrene (0.330 ng/m^3 - 0.670 ng/m^3)

Note 4: Analytical laboratory modified RDL values on June 20 for the following parameter(s):
1,2-Dimethylnaphthalene (0.670 ng/m^3 -0.330 ng/m^3), Benzo(j)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3), Dibenzo(a,i)pyrene (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 April, 2011 to 30 June, 2011

Sample Matrix : 102mm GF Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 14 / 93.3%

Parameter	AAQC 24 Hr	RDL	03-Apr-11	09-Apr-11	15-Apr-11	21-Apr-11	27-Apr-11	03-May-11	09-May-11	15-May-11	21-May-11	27-May-11	02-Jun-11	08-Jun-11	14-Jun-11	20-Jun-11	26-Jun-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	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165		0.335	0.335	0.335	0.165	0.165		0.201	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	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	x
2,6 & 2,7-Dimethylnaphthalene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165		0.335	0.335	0.335	0.165	0.165		0.201	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	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	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	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	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	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	x
9-Methylphenanthrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.165	0.165		0.226	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	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	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	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	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	x
Benzo(a)pyrene	1.1	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
Benzo(b)fluoranthene	x	0.330	0.165	0.370	0.165	0.165	0.165	0.165	0.165	0.165	0.165		0.165	0.165	0.165	0.165	0.165		0.180	0.370	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	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	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	x
Benzo(j)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.165	0.165		0.226	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	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	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	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	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	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	x
Dibenzo(a,i)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.165	0.165		0.226	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	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	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	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	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
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	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	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	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	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	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	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	x
Benzo(b)anthracene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165		0.335	0.335	0.335	0.335	0.335		0.226	0.335	0.165	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165		0.335	0.335	0.335	0.335	0.335		0.226	0.335	0.165	x
Triphenylene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.165		0.335	0.335	0.335	0.335	0.335		0.226	0.335	0.165	x

Invalid sample - GFCI tripped

Note 1: All non detectable results are reported as ½ the detection limit.
Note 2: Analytical laboratory modified RDL values on May 15 for the following parameter(s):
9-Methylphenanthrene (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 3: Analytical laboratory modified RDL values on June 2 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(b)anthracene (0.330 ng/m^3 - 0.670 ng/m^3), Dibenzo(a,c)anthracene + Picene (0.330 ng/m^3 - 0.670 ng/m^3), Triphenylene (0.330 ng/m^3 - 0.670 ng/m^3)
Note 4: Analytical laboratory modified RDL values on June 20 for the following parameter(s):
1,2-Dimethylnaphthalene (0.670 ng/m^3 - 0.330 ng/m^3), 2,6 & 2,7-Dimethylnaphthalene (0.670 ng/m^3 - 0.330 ng/m^3), 9-Methylphenanthrene (0.670 ng/m^3 - 0.330 ng/m^3), Benzo(j)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3), Dibenzo(a,i)pyrene (0.670 ng/m^3 - 0.330 ng/m^3)

METROLINX
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Metrolinx - PAH Report - Total PAH

Station : 35021
Location : Weston Road, Toronto
Reporting Period : 01 April, 2011 to 30 June, 2011

Sample Matrix : PUF + Filter
Method : GC/MS (TO13)
Valid Samples - No. / % : 14 / 93.3%

Parameter	AAQC 24 Hr	RDL	03-Apr-11	09-Apr-11	15-Apr-11	21-Apr-11	27-Apr-11	03-May-11	09-May-11	15-May-11	21-May-11	27-May-11	02-Jun-11	08-Jun-11	14-Jun-11	20-Jun-11	26-Jun-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	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.390	0.165	0.165		0.335	0.335	0.335	0.165	0.165		0.218	0.390	0.165	x
1-Methylnaphthalene	x	0.670	0.335	0.770	0.335	1.270	0.335	0.335	1.390	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.508	1.390	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	1.000	0.335		0.383	1.000	0.335	x
2,6 & 2,7-Dimethylnaphthalene	x	0.670	0.540	0.820	0.540	1.120	0.480	0.440	1.380	0.165	0.165		0.335	0.335	0.335	0.350	0.440		0.532	1.380	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	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	x
2-Methylnaphthalene	x	0.330	1.020	1.470	0.970	2.450	0.620	0.590	2.680	0.867	1.300		0.300	1.000	3.000	0.790	0.860		1.280	3.000	0.300	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	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	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	x
9-Methylphenanthrene	x	0.330	0.165	0.360	0.165	0.165	0.640	0.350	0.500	0.800	1.200		0.335	0.335	0.335	1.200	0.570		0.509	1.200	0.165	x
Acenaphthene	x	0.330	0.790	0.990	1.430	0.920	0.470	0.710	2.600	0.165	0.165		1.700	0.450	4.900	1.700	1.900		1.349	4.900	0.165	x
Acenaphthylene	x	0.330	0.165	0.165	0.165	0.680	0.165	0.340	0.630	0.165	0.367		0.165	0.165	0.800	0.165	0.165		0.307	0.800	0.165	x
Anthracene	x	0.330	0.165	0.165	0.165	0.165	0.380	0.165	0.390	0.165	0.165		0.165	0.165	0.600	1.500	0.510		0.348	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	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	x
Benzo(a)pyrene	1.1	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
Benzo(b)fluoranthene	x	0.330	0.165	0.370	0.165	0.165	0.165	0.165	0.165	0.165	0.165		0.165	0.165	0.165	0.165	0.165		0.180	0.370	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	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	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	x
Benzo(j)fluoranthene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.165	0.165		0.226	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	x
Biphenyl	x	0.670	0.335	0.870	0.335	0.680	0.335	0.335	1.180	0.335	0.335		0.335	0.335	1.300	0.335	0.335		0.527	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	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	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	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	x
Dibenzo(a,i)pyrene	x	0.330	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.165	0.165		0.226	0.335	0.165	x
Fluoranthene	x	0.330	0.600	1.590	0.980	0.710	2.770	1.310	2.170	1.400	3.133		3.200	11.000	2.800	8.500	2.900		3.076	11.000	0.600	x
Fluorene	x	0.330	1.100	3.020	2.380	1.310	1.400	2.190	4.330	1.667	2.500		3.400	11.000	5.400	5.000	3.000		3.407	11.000	1.100	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	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	x
Naphthalene	22500	0.670	1.300	1.610	1.010	2.650	0.770	0.335	2.690	1.000	2.500		1.300	4.300	3.900	2.300	2.200		1.990	4.300	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	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	x
Phenanthrene	x	0.330	2.300	7.070	4.370	2.680	10.500	5.520	11.600	4.700	12.633		12.700	42.000	13.000	37.000	13.000		12.791	42.000	2.300	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	x
Pyrene	x	0.330	0.370	0.990	0.540	0.740	1.580	0.810	1.110	0.733	1.533		1.600	5.300	1.300	3.900	1.400		1.565	5.300	0.370	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	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	x
Benzo(b)anthracene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.250	0.335	0.165	x
Dibenzo(a,c)anthracene + Picene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.250	0.335	0.165	x
Triphenylene	x	0.670	0.165	0.165	0.165	0.165	0.165	0.165	0.165	0.335	0.335		0.335	0.335	0.335	0.335	0.335		0.250	0.335	0.165	x

Invalid sample - GFCI tripped

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

Note 2: Analytical laboratory modified RDL values on May 15 for the following parameter(s):
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), Benzo(b)anthracene (0.330 ng/m^3 - 0.670 ng/m^3), Dibenzo(a,c)anthracene + Picene (0.330 ng/m^3 - 0.670 ng/m^3), Triphenylene (0.330 ng/m^3 - 0.670 ng/m^3)

Note 3: Analytical laboratory modified RDL values on June 2 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), 9-Methylphenanthrene (0.330 ng/m^3 - 0.670 ng/m^3)

Note 4: Analytical laboratory modified RDL values on June 20 for the following parameter(s):
1,2-Dimethylnaphthalene (0.670 ng/m^3 - 0.330 ng/m^3), Benzo(j)fluoranthene (0.670 ng/m^3 - 0.330 ng/m^3), Dibenzo(a,i)pyrene (0.670 ng/m^3 - 0.330 ng/m^3)