

# PM<sub>10</sub> and PM<sub>2.5</sub> Source Apportionment using Selective Wind Direction Sampling in a Port-Industrial Area in Civitavecchia, Italy

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Table S1. Metal concentrations in PM<sub>10</sub> and PM<sub>2.5</sub> fractions sampled in downtown.

Metal	Sector #1		Sector #2		Sector #3	
	PM <sub>10</sub> ng m <sup>-3</sup>	PM <sub>2.5</sub> ng m <sup>-3</sup>	PM <sub>10</sub> ng m <sup>-3</sup>	PM <sub>2.5</sub> ng m <sup>-3</sup>	PM <sub>10</sub> ng m <sup>-3</sup>	PM <sub>2.5</sub> ng m <sup>-3</sup>
SAMPLING PERIOD 29/07-17/08						
Antimony (Sb)	2.14	7.49	0.24	1.31	0.11	0.84
Arsenic (As)	0.63	2.58	0.23	0.54	0.07	0.26
Beryllium (Be)	0.08	0.11	0.00	0.02	0.00	0.00
Cadmium (Cd)	0.09	0.66	0.01	0.13	0.01	0.07
Cobalt (Co)	0.60	1.93	0.08	0.53	0.04	0.10
Total Chrome (Cr)	128.85	896.36	9.41	73.35	1.23	6.61
Nickel (Ni)	15.76	119.05	1.59	17.73	0.42	5.26
Lead (Pb)	4.97	22.90	0.61	5.38	0.32	2.86
Copper (Cu)	22.41	28.01	3.18	5.81	2.37	2.34
Selenium (Se)	0.42	1.97	0.0003	0.84	0.06	0.40
Tin (Sn)	0.04	0.01	0.00	0.00	0.00	0.00
Vanadium (V)	1.11	31.51	0.79	18.89	0.34	4.15
Zinc (Zn)	71.43	128.15	5.81	24.45	2.02	6.84
SAMPLING PERIOD 29/09-16/11						
Antimony (Sb)	0.43	1.11	0.15	0.31	0.14	1.49
Arsenic (As)	1.76	0.20	0.59	0.20	0.18	0.23
Beryllium (Be)	0.12	0.01	0.05	0.01	0.01	0.00
Cadmium (Cd)	0.03	0.04	0.01	0.05	0.01	0.06
Cobalt (Co)	0.11	0.13	0.04	0.09	0.02	0.05
Total Chrome (Cr)	5.34	90.81	2.18	24.01	0.41	3.66
Nickel (Ni)	2.17	5.11	1.01	3.61	0.30	1.85
Lead (Pb)	2.14	2.03	1.17	1.71	0.34	2.25
Copper (Cu)	5.65	4.04	1.68	1.82	2.15	2.68
Selenium (Se)	1.07	0.13	0.40	0.22	0.09	0.24
Tin (Sn)	0.00	0.00	0.00	0.00	0.00	0.00
Vanadium (V)	0.53	1.40	0.39	3.85	0.15	2.03
Zinc (Zn)	8470.05	21.82	3238.66	7.30	658.94	5.56
SAMPLING PERIOD 27/11-7/12						
Antimony (Sb)	1.76	1.62	0.42	1.18	0.25	0.49
Arsenic (As)	1.85	0.57	0.49	0.22	0.12	0.15
Beryllium (Be)	0.57	0.002	0.13	0.01	0.02	0.00
Cadmium (Cd)	18.6	0.17	5.24	0.06	0.50	0.06
Cobalt (Co)	0.40	0.41	0.11	0.24	0.05	0.04
Total Chrome (Cr)	85.24	382.25	19.77	100.73	2.72	9.85
Nickel (Ni)	8.52	15.69	2.60	7.59	0.88	1.31
Lead (Pb)	123	10.54	34.2	6.72	3.81	2.62
Copper (Cu)	34.3	12.7	9.95	9.45	4.53	2.17
Selenium (Se)	5.18	0.42	1.54	0.001	0.17	0.12
Tin (Sn)	0.03	0.01	0.00	0.00	0.0002	0.00
Vanadium (V)	1.20	1.12	0.58	5.85	0.25	0.88
Zinc (Zn)	42179.26	102.81	11938.81	55.96	1155.32	26.73
SAMPLING PERIOD 01/02-07/03						
Antimony (Sb)	0.013	0.026	0.005	0.025	0.006	0.037
Arsenic (As)	0.318	0.073	0.087	0.031	0.010	0.020
Barium (Ba)	10101.433	1.150	2659.651	0.577	80.033	0.242
Beryllium (Be)	0.021	0.005	0.007	0.001	0.001	0.001
Cadmium (Cd)	0.005	0.005	0.001	0.009	0.001	0.007
Cobalt (Co)	0.022	0.035	0.010	0.027	0.007	0.012
Total Chrome (Cr)	1.150	3.555	0.404	9.399	0.089	0.230
Manganese (Mn)	0.833	0.574	0.461	0.346	0.359	0.319
Nickel (Ni)	1.464	6.797	1.269	1.730	0.081	0.391
Lead (Pb)	0.281	0.521	0.105	0.217	0.048	0.295
Copper (Cu)	0.752	0.970	0.346	0.375	0.315	0.278
Selenium (Se)	0.005	0.026	0.005	0.024	0.008	0.033
Tin (Sn)	0.222	0.361	0.081	0.246	0.069	0.081
Strontium (Sr)	10.248	0.482	3.431	0.317	0.609	0.178
Thallium (Tl)	0.005	0.005	0.001	0.001	0.001	0.006
Tellurium (Te)	0.005	0.005	0.001	0.001	0.000	0.000

Titanium (Ti)	3.451	1.882	0.490	0.721	0.299	0.270
Vanadium (V)	0.087	0.138	0.076	0.548	0.040	0.287
Zinc (Zn)	2364.321	3.137	767.190	2.249	59.974	1.929

SAMPLING PERIOD 07/03-08/04

Antimony (Sb)	35.02	8.34	1.10	17.41	0.03	0.01
Arsenic (As)	6.67	5.00	0.21	0.31	0.00	0.04
Barium (Ba)	65.04	124.51	2.81	4.39	0.25	0.31
Beryllium (Be)	0.10	0.08	0.0002	0.00	0.00002	0.00002
Cadmium (Cd)	3.06	0.22	0.07	0.01	0.00	0.00
Cobalt (Co)	2.53	1.76	0.15	0.06	0.01	0.00
Total Chrome (Cr)	313.23	31.96	35.22	1.81	5.51	0.30
Manganese (Mn)	72.54	98.11	2.41	3.28	0.26	0.10
Nickel (Ni)	62.26	14.73	4.15	0.94	0.39	0.15
Lead (Pb)	114.23	16.95	3.48	0.67	0.20	0.04
Copper (Cu)	83.38	94.77	3.05	2.85	0.18	0.12
Selenium (Se)	10.28	1.33	0.18	0.02	0.00	0.00
Tin (Sn)	44.47	24.46	2.08	0.80	0.24	0.06
Strontium (Sr)	39.74	67.26	1.54	1.44	0.11	0.11
Thallium (Tl)	0.88	0.014	0.002	0.44	0.01	0.0002
Tellurium (Te)	0.03	0.014	0.002	0.04	0.00	0.00
Titanium (Ti)	54.47	78.93	3.21	2.58	0.21	0.15
Vanadium (V)	102.83	10.01	3.75	0.37	0.02	0.00002
Zinc (Zn)	453.03	177.32	13.96	5.79	1.14	0.32

SAMPLING PERIOD 02/05-10/06

Antimony (Sb)	0.02	0.09	0.01	0.02	0.01	0.02
Arsenic (As)	0.44	0.04	0.01	0.02	0.01	0.02
Barium (Ba)	16761.0	3.28	0.88	0.37	0.33	0.19
Beryllium (Be)	0.02	0.01	0.00	0.00	0.00	0.00
Cadmium (Cd)	0.01	0.01	0.00	0.01	0.00	0.01
Cobalt (Co)	0.04	0.06	0.01	0.04	0.00	0.01
Total Chrome (Cr)	2.53	53.19	2.38	4.46	0.76	1.09
Manganese (Mn)	1.20	1.40	0.16	0.18	0.26	0.16
Nickel (Ni)	4.77	4.62	0.15	1.34	0.25	0.42
Lead (Pb)	0.45	0.56	0.04	0.24	0.05	0.27
Copper (Cu)	0.91	1.39	0.38	0.32	0.41	0.26
Selenium (Se)	0.01	0.04	0.00	0.05	0.01	0.05
Tin (Sn)	0.30	0.91	0.06	0.09	0.06	0.07
Strontium (Sr)	16.39	0.64	0.24	0.18	0.21	0.11
Thallium (Tl)	0.01	0.01	0.00	0.00	0.00	0.00
Tellurium (Te)	0.01	0.01	0.00	0.00	0.00	0.00
Titanium (Ti)	3.87	2.23	0.37	0.22	0.20	0.12
Vanadium (V)	0.12	0.72	0.10	1.66	0.05	0.62
Zinc (Zn)	3405.84	6.26	0.72	1.06	0.44	0.76

SAMPLING PERIOD 10/06-30/06

Antimony (Sb)	0.88	2.00	0.25	0.34	0.09	0.17
Arsenic (As)	0.46	0.40	0.55	0.15	0.14	0.08
Barium (Ba)	11.79	25.78	4744.52	7.17	1091.52	1.77
Beryllium (Be)	0.10	0.06	0.06	0.00	0.01	0.00
Cadmium (Cd)	0.02	3.20	0.01	0.09	0.01	0.03
Cobalt (Co)	0.14	0.34	0.06	0.22	0.03	0.00
Total Chrome (Cr)	18.39	68.15	2.21	9.40	0.79	2.47
Manganese (Mn)	6.20	10.79	3.58	2.30	2.02	1.20
Nickel (Ni)	58.75	62.95	6.00	11.55	3.03	4.18
Lead (Pb)	1.72	3.80	0.80	1.26	0.30	1.03
Copper (Cu)	7.39	10.79	3.16	2.88	1.93	1.86
Selenium (Se)	0.00	0.20	0.05	0.29	0.05	0.24
Tin (Sn)	16.59	36.57	3.77	9.93	2.70	3.95
Strontium (Sr)	2.80	3.80	16.94	1.38	4.90	0.81
Thallium (Tl)	0.30	0.10	0.02	0.02	0.00	0.01
Tellurium (Te)	0.08	0.04	0.00	0.01	0.00	0.00
Titanium (Ti)	5.80	21.18	4.66	2.30	1.78	0.90
Vanadium (V)	0.00	2.40	0.74	7.08	0.23	2.92
Zinc (Zn)	23.98	57.15	3422.68	12.16	829.14	4.36

Table S2. Metal concentrations in PM<sub>10</sub> and PM<sub>2.5</sub> fractions sampled in suburban area.

Metal	PM <sub>10</sub> ng m <sup>-3</sup>	PM <sub>2.5</sub> ng m <sup>-3</sup>	PM <sub>10</sub> ng m <sup>-3</sup>	PM <sub>2.5</sub> ng m <sup>-3</sup>	PM <sub>10</sub> ng m <sup>-3</sup>	PM <sub>2.5</sub> ng m <sup>-3</sup>
Sampling period 17/08-29/09						
Antimony (Sb)	0.08		0.18		0.05	
Arsenic (As)	0.07		0.20		0.13	
Beryllium (Be)	0.00		0.01		0.01	
Cadmium (Cd)	0.01		0.01		0.01	
Cobalt (Co)	0.03		0.06		0.02	
Total Chrome (Cr)	2.66		9.98		0.32	
Nickel (Ni)	0.53		1.70		0.20	
Lead (Pb)	0.27		0.45		0.26	
Copper (Cu)	1.05		1.74		0.66	
Selenium (Se)	0.03		0.0003		0.08	
Tin (Sn)	0.00		0.00		0.00	
Vanadium (V)	0.42		0.27		0.17	
Zinc (Zn)	2.90		6.37		404.12	
SAMPLING PERIOD 16/10-16/11						
Antimony (Sb)	0.05	0.30	3.61	1.12	0.01	2.14
Arsenic (As)	0.17	0.19	1.12	0.37	0.01	0.08
Beryllium (Be)	0.02	0.00	0.09	0.01	0.00	0.00
Cadmium (Cd)	0.84	0.05	1.71	0.13	0.06	0.03
Cobalt (Co)	0.11	0.11	0.56	0.22	0.01	0.02
Total Chrome (Cr)	6.76	29.59	18.00	109.91	0.50	1.92
Nickel (Ni)	17.16	5.28	13.36	10.02	0.62	0.63
Lead (Pb)	6.51	1.69	18.86	3.23	0.43	0.96
Copper (Cu)	6.47	2.92	38.79	4.07	0.42	2.32
Selenium (Se)	0.27	0.19	1.08	0.31	0.02	0.09
Tin (Sn)	0.00	0.00	0.00	0.01	0.00	0.00
Vanadium (V)	0.44	2.96	3.66	2.83	0.02	0.72
Zinc (Zn)	1987.06	16.32	3965.52	18.43	134.95	4.72
SAMPLING PERIOD 16/11-18/12						
Antimony (Sb)	0.13	0.28	0.86	1.00	0.06	0.26
Arsenic (As)	2.50	0.57	9.86	0.43	0.23	0.14
Beryllium (Be)	0.24	0.01	0.61	0.01	0.02	0.00
Cadmium (Cd)	0.05	0.04	0.21	0.06	0.01	0.05
Cobalt (Co)	0.18	0.14	0.42	0.28	0.03	0.04
Total Chrome (Cr)	4.56	43.60	13.91	169.04	0.43	4.56
Nickel (Ni)	2.30	4.95	8.28	14.09	0.33	1.44
Lead (Pb)	2.16	1.65	7.04	2.99	0.37	2.16
Copper (Cu)	2.74	10.29	8.45	6.22	1.11	1.43
Selenium (Se)	1.29	0.21	5.76	0.12	0.14	0.16
Tin (Sn)	0.00	0.00	0.01	0.01	0.00	0.00
Vanadium (V)	0.64	1.96	1.41	2.32	0.16	1.29
Zinc (Zn)	13227.51	9.99	49304.46	27.12	1105.84	4.13
SAMPLING PERIOD 18/12-21/01						
Antimony (Sb)	0.39	0.45	0.58	0.71	0.05	1.01
Arsenic (As)	1.07	0.20	2.65	0.30	0.06	0.10
Barium (Ba)	8987	6.25	20276	14.00	331.22	1.73
Beryllium (Be)	0.05	0.01	0.20	0.01	0.00	0.0002
Cadmium (Cd)	0.03	0.04	0.05	0.05	0.01	0.08
Cobalt (Co)	0.07	0.10	0.11	0.13	0.02	0.03
Total Chrome (Cr)	2.92	36.52	5.40	97.46	0.36	3.49
Nickel (Ni)	1.32	3.66	2.76	6.06	0.40	0.81
Lead (Pb)	1.23	1.97	2.09	1.76	0.32	2.31
Copper (Cu)	1.56	1.19	1.87	2.09	0.91	1.55
Selenium (Se)	0.11	0.17	0.18	0.16	0.03	0.12
Tin (Sn)	10.36	12.21	26.57	13.34	2.42	6.15
Thallium (Tl)	0.02	0.02	0.05	0.02	0.00	0.03
Vanadium (V)	0.45	2.34	0.35	1.10	0.13	1.00
Zinc (Zn)	4517	8.06	9915	14.00	201.56	3.56
SAMPLING PERIOD 21/01-22/02						

Antimony (Sb)	0.12	0.47	0.44	1.00	0.15	2.29
Arsenic (As)	0.43	0.10	2.12	0.13	0.06	0.06
Barium (Ba)	3.33	3.13	23.69	8.86	0.85	0.34
Beryllium (Be)	0.00	0.0002	0.03	0.04	0.00	0.00
Cadmium (Cd)	0.09	0.04	0.23	0.06	0.00	0.03
Cobalt (Co)	0.06	0.15	0.22	0.32	0.02	0.02
Total Chrome (Cr)	2.78	41.71	28.31	193.53	0.59	3.06
Manganese (Mn)	1.29	1.49	4.62	12.71	0.92	0.48
Nickel (Ni)	0.98	4.34	5.20	6.55	0.20	0.73
Lead (Pb)	0.55	1.29	3.66	2.50	0.20	1.42
Copper (Cu)	1.17	2.03	4.24	5.78	0.70	2.52
Selenium (Se)	0.05	0.14	0.06	0.18	0.04	0.10
Tin (Sn)	2.00	5.63	84.15	13.09	0.36	0.51
Strontium (Sr)	1.88	3.87	4.04	8.47	0.90	0.53
Thallium (Tl)	0.06	0.01	0.0096	0.0096	0.0002	0.0002
Tellurium (Te)	0.02	0.01	0.0096	0.0096	0.0002	0.0002
Titanium (Ti)	1.60	2.31	7.90	7.32	0.59	0.36
Vanadium (V)	0.13	2.66	0.001	0.40	0.11	0.84
Zinc (Zn)	5.59	15.81	36.20	36.97	1.17	3.80

SAMPLING PERIOD 07/03-02/05

Antimony (Sb)	0.01	0.03	0.01	0.03	0.00	0.06
Arsenic (As)	0.01	0.02	0.01	0.02	0.01	0.03
Barium (Ba)	0.37	0.23	1.53	0.53	0.19	0.17
Beryllium (Be)	0.00	0.00	0.00	0.00	0.00	0.00
Cadmium (Cd)	0.00	0.01	0.00	0.01	0.00	0.01
Cobalt (Co)	0.01	0.02	0.01	0.02	0.01	0.01
Total Chrome (Cr)	2.21	3.13	7.94	12.06	0.11	0.79
Manganese (Mn)	0.23	0.13	0.19	0.28	0.27	0.23
Nickel (Ni)	0.14	0.81	0.81	1.44	0.22	0.42
Lead (Pb)	0.06	0.32	0.06	0.32	0.05	0.53
Copper (Cu)	0.21	0.17	0.26	0.39	0.17	0.35
Selenium (Se)	0.01	0.03	0.00	0.03	0.01	0.04
Tin (Sn)	0.04	0.05	0.10	0.16	0.03	0.07
Strontium (Sr)	0.26	0.18	0.24	0.19	0.24	0.11
Thallium (Tl)	0.00	0.00	0.00	0.00	0.00	0.01
Tellurium (Te)	0.00	0.00	0.00	0.00	0.00	0.00
Titanium (Ti)	0.29	0.27	0.62	0.62	0.17	0.30
Vanadium (V)	0.10	0.60	0.05	0.40	0.04	0.49
Zinc (Zn)	0.40	0.72	1.15	2.20	0.36	1.23

SAMPLING PERIOD 02/05-27/05

Antimony (Sb)	0.03	0.09	12.19	0.14	0.01	0.01
Arsenic (As)	0.05	0.06	0.47	0.06	0.02	0.01
Barium (Ba)	524.16	0.83	5398.72	4.75	196.06	0.24
Beryllium (Be)	0.01	0.00	0.02	0.00	0.00	0.00
Cadmium (Cd)	0.00	0.03	0.01	0.03	0.00	0.00
Cobalt (Co)	0.01	0.03	0.13	0.06	0.01	0.01
Total Chrome (Cr)	0.34	1.38	3.53	9.94	0.15	0.51
Manganese (Mn)	0.87	4.10	2.32	3.20	0.29	0.12
Nickel (Ni)	0.12	0.93	2.65	2.32	0.09	0.37
Lead (Pb)	0.12	0.95	0.62	0.78	0.07	0.13
Copper (Cu)	0.23	0.81	2.32	1.66	0.19	0.15
Selenium (Se)	0.01	0.13	0.03	0.06	0.01	0.02
Tin (Sn)	0.19	0.34	1.66	1.77	0.05	0.13
Strontium (Sr)	6.49	0.36	70.13	0.60	2.44	0.09
Thallium (Tl)	0.00	0.01	0.01	0.01	0.00	0.00
Tellurium (Te)	0.01	0.00	0.01	0.01	0.00	0.00
Titanium (Ti)	0.40	0.45	1.66	1.33	0.26	0.13
Vanadium (V)	0.11	1.17	0.16	1.00	0.04	0.46
Zinc (Zn)	374	2.88	3841	17.0	136	0.87

SAMPLING PERIOD 10/06-30/06

Antimony (Sb)	0.33	0.19	0.59	0.31	0.36	0.11
Arsenic (As)	0.20	0.47	0.40	1.46	0.12	0.11
Barium (Ba)	4.69	4365	7.92	14447	3.58	1011
Beryllium (Be)	0.02	0.05	0.00	0.19	0.00	0.01
Cadmium (Cd)	0.03	0.00	0.03	0.01	0.03	0.01
Cobalt (Co)	0.14	0.05	0.15	0.04	0.06	0.04
Total Chrome (Cr)	30.9	2.06	77.3	3.82	6.19	0.64

Manganese (Mn)	2.43	6.22	3.34	4.24	1.11	1.71
Nickel (Ni)	8.51	3.46	35.03	4.87	2.96	1.19
Lead (Pb)	1.53	0.70	1.88	1.04	1.79	0.30
Copper (Cu)	2.23	1.93	3.41	1.60	1.56	1.20
Selenium (Se)	0.32	0.05	0.24	0.06	0.25	0.05
Tin (Sn)	5.42	4.75	8.55	3.68	2.71	1.47
Strontium (Sr)	1.30	53.78	2.09	48.52	0.75	4.65
Thallium (Tl)	0.06	0.01	0.04	0.03	0.01	0.00
Tellurium (Te)	0.00	0.00	0.00	0.01	0.00	0.00
Titanium (Ti)	2.83	5.09	5.49	11.40	1.00	2.27
Vanadium (V)	4.69	0.40	2.09	0.00	2.53	0.20
Zinc (Zn)	10.64	3190	11.7	10470	5.76	696

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Table S3. PAH concentrations in PM<sub>10</sub> and PM<sub>2.5</sub> fraction sampled in downtown.

Sampling period	PAH	PM <sub>10</sub> (ng/m <sup>3</sup> )			PM <sub>2.5</sub> (ng/m <sup>3</sup> )		
		Sector #1	Sector #2	Sector #3	Sector #1	Sector #2	Sector #3
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Acenaphthene	14.1	1.86	0.113	47.0	7.59	5.90
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Acenaphthylene	4.74	1.63	0.0668	15.5	5.0740	0.297
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Anthracene	23.7	29.8	0.9175	15.8172	14.3017	26.8669
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Benz[a]Anthracene	0.681	1.68	0.205	2.0826	6.4295	0.7023
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Benzo(a)pyrene	0.220	0.0622	0.0136	0.220	0.0622	0.159
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Benzo[b]Fluoranthene	0.220	0.0622	0.142	0.220	0.0622	0.4315
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Benzo[g,h,i]Perylene	0.220	0.0622	0.1914	0.5844	3.20	0.374
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Benzo[j]Fluoranthene	0.220	0.0622	0.0057	0.2197	0.0622	0.4735
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Benzo[k]Fluoranthene	0.220	0.0622	0.0057	0.2197	0.0622	0.9152
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Chrysene	0.584	1.36	0.226	0.628	3.72	0.691
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Dibenzo[a,e]Pyrene	0.220	0.0622	0.0057	0.2197	0.0622	0.0057
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Dibenzo[a,h]Anthracene	0.220	0.0622	0.0057	0.2197	0.0622	0.1880
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Dibenzo[a,h]Pyrene	0.220	0.0622	0.0057	0.2197	0.0622	0.0057
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Dibenzo[a,i]Pyrene	0.220	0.0622	0.0057	0.2197	0.0622	0.0057
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Dibenzo[a,l]Pyrene	0.220	0.0622	0.0057	0.2197	0.0622	0.0057
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Phenanthrene	53.6	66.6	0.4531	206	5.22	13.1
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Fluoranthene	3.6995	0.0622	0.9480	79.1	14.6748	2.89
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Fluorene	27.2	5.60	0.668	72.5	25.1	3.04
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Indeno[1,2,3-cd]Pyrene	0.220	0.0622	0.1461	0.2197	2.8603	0.3625
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Naphthalene	1111	132	1.89	3767	978	109
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	Pyrene	7.91	3.11	0.238	18.4	22.6	5.87
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Acenaphthene	0.714	0.0167	0.0021	21.9	0.669	0.0856
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Acenaphthylene	1.89	0.0167	0.0021	8.39	0.1248	0.0347
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Anthracene	3.06	0.0167	0.0021	3.6131	11.4	0.0170
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Benz[a]Anthracene	3.33	0.0167	0.0021	0.3307	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Benzo(a)pyrene	3.06	0.0167	0.0021	0.1390	0.0599	0.0134
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Benzo[b]Fluoranthene	3.33	0.0167	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Benzo[g,h,i]Perylene	4.17	0.0167	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Benzo[j]Fluoranthene	0.6670	0.0167	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Benzo[k]Fluoranthene	0.9533	0.0167	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Chrysene	4.1690	0.0167	0.0021	1.0117	0.0368	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Dibenzo[a,e]Pyrene	0.1390	0.0167	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Dibenzo[a,h]Anthracene	15.0083	0.0167	0.0021	0.4002	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Dibenzo[a,h]Pyrene	0.1390	0.0167	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Dibenzo[a,i]Pyrene	0.1390	0.0167	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Dibenzo[a,l]Pyrene	0.1390	0.0448	0.0021	0.1390	0.0167	0.0021
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Phenanthrene	11.6732	0.0733	0.0135	41.9678	0.9371	0.1198
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Fluoranthene	0.1390	0.0167	0.0082	9.7276	0.5020	0.0770
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Fluorene	7.2262	0.1262	0.0305	70.8727	1.9747	0.3337
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Indeno[1,2,3-cd]Pyrene	4.1690	0.0167	0.0021	0.5531	0.0167	0.0044
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Naphthalene	7.7821	0.9706	0.0813	1704.84	12.2833	5.1633
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	Pyrene	1.8427	0.0402	0.0050	13.0628	0.7363	0.0684
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Acenaphthene	0.0999	0.0153	0.0130	10.5915	1.9912	0.4344
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Acenaphthylene	0.0999	0.0429	0.0035	2.4380	0.0153	0.0126
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Anthracene	0.2838	0.0153	0.0080	1.1591	0.2457	0.0354
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Benz[a]Anthracene	0.0999	0.0153	0.0035	0.5496	0.0836	0.0612
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Benzo(a)pyrene	0.0999	0.0153	0.0035	0.0999	0.2028	0.0619
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Benzo[b]Fluoranthene	0.0999	0.0153	0.0035	0.0999	0.0153	0.0202
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Benzo[g,h,i]Perylene	0.0999	0.0153	0.0035	0.0999	0.0153	0.0035
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Benzo[j]Fluoranthene	0.0999	0.0153	0.0095	0.0999	0.0153	0.0231
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Benzo[k]Fluoranthene	0.0999	0.0153	0.0035	0.0999	0.0153	0.0162
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Chrysene	0.0999	0.0153	0.0035	0.9492	0.1823	0.0656
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Dibenzo[a,e]Pyrene	0.0999	0.0153	0.0035	0.3877	0.0153	0.0035
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Dibenzo[a,h]Anthracene	0.0999	0.0153	0.0035	0.2186	0.0153	0.0035
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Dibenzo[a,h]Pyrene	0.0999	0.0153	0.0035	0.0999	0.0153	0.0035

Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Dibenzo[a,i]Pyrene	0.0999	0.0153	0.0035	0.0999	0.0153	0.0035
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Dibenzo[a,l]Pyrene	0.0999	0.0153	0.0035	0.0999	0.0153	0.0035
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Phenanthrene	0.6255	0.1391	0.0291	25.5795	5.3915	1.0720
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Fluoranthene	0.5975	0.0420	0.0176	0.2878	1.2560	0.3924
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Fluorene	0.6914	0.1210	0.0362	18.5851	2.7876	0.8408
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Indeno[1,2,3-cd]Pyrene	0.0999	0.0153	0.0035	0.0999	0.0153	0.0035
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Naphthalene	1.7186	0.2206	0.1962	1096.52	130.1617	22.5746
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	Pyrene	0.5316	0.0515	0.0181	25.5795	4.3193	0.9669



Table S4. PAH concentrations in PM<sub>10</sub> and PM<sub>2.5</sub> fraction sampled in suburban area.

Sampling period	PAH	PM <sub>10</sub> (ng/m <sup>3</sup> )			PM <sub>2.5</sub> (ng/m <sup>3</sup> )		
		Sector #1	Sector #2	Sector #3	Sector #1	Sector #2	Sector #3
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Acenaphthene	0.5285	1.4547	0.0428	2.4521	4.3103	0.6858
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Acenaphthylene	0.0423	0.1185	0.0044	0.5750	1.1315	0.0870
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Anthracene	2.0547	5.5280	0.1685	1.7757	2.4784	0.3355
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Benz[a]Anthracene	0.0211	0.0539	0.0018	3.9784	0.3147	0.1475
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Benzo(a)pyrene	0.0211	0.0539	0.0018	0.1818	3.8147	0.0516
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Benzo[b]Fluoranthene	0.0211	0.0539	0.0018	0.9978	1.4871	0.1069
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Benzo[g,h,i]Perylene	0.0211	0.0539	0.0018	1.2979	2.3922	0.0885
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Benzo[j]Fluoranthene	0.0211	0.0539	0.0018	0.0211	0.0539	0.1597
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Benzo[k]Fluoranthene	0.0211	0.0539	0.0018	0.0211	0.0539	0.0406
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Chrysene	0.0211	0.0539	0.0018	2.2196	3.1573	0.1807
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Dibenzo[a,e]Pyrene	0.0211	0.0539	0.0018	0.0211	0.0539	0.1272
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Dibenzo[a,h]Anthracene	0.0211	0.0539	0.0018	0.0211	0.0539	0.0811
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Dibenzo[a,h]Pyrene	0.0211	0.0539	0.0018	0.0211	0.0539	0.0018
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Dibenzo[a,i]Pyrene	0.0211	0.0539	0.0018	0.0211	0.0539	0.0018
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Dibenzo[a,l]Pyrene	0.0211	0.0539	0.0018	0.0211	0.0539	0.1368
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Phenanthrene	0.5496	1.6164	0.0590	28.2417	41.1638	6.4229
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Fluoranthene	1.9110	5.8405	0.1560	17.1648	31.1422	5.6781
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Fluorene	1.5897	4.7953	0.1656	4.5237	7.0043	1.2573
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Indeno[1,2,3-cd]Pyrene	0.0211	0.0539	0.0018	0.9005	1.4116	0.0811
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Naphthalene	1.4797	3.1250	0.1032	522.5553	1206.89	31.8159
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	Pyrene	1.2345	4.9784	0.1158	5.6652	10.9914	3.5212
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Acenaphthene	1.2559	4.6216	0.0040	1.0955	16.9459	2.9395
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Acenaphthylene	0.1369	2.5804	0.0107	0.3952	14.6543	0.0701
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Anthracene	1.6276	1.7870	0.0098	1.6433	17.7162	0.5459
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Benz[a]Anthracene	0.6964	2158.67	0.0065	1.2911	2.5034	0.1955
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Benzo(a)pyrene	0.0196	0.3158	0.0048	0.1530	0.0963	0.0140
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Benzo[b]Fluoranthene	0.0196	48.2958	0.0097	0.2301	0.6412	0.3430
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Benzo[g,h,i]Perylene	0.0196	0.2118	0.0042	0.2297	0.7992	0.2213
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Benzo[j]Fluoranthene	0.0196	0.2638	0.0018	0.0829	0.4371	0.1033
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Benzo[k]Fluoranthene	0.0196	0.0963	0.0065	0.0438	0.4564	0.1512
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Chrysene	0.5321	0.2619	0.0089	1.3303	6.9324	0.7967
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Dibenzo[a,e]Pyrene	0.0196	0.0963	0.0018	0.0196	0.0963	0.0018
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Dibenzo[a,h]Anthracene	0.0196	0.0963	0.0018	0.0196	0.0963	0.0018
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Dibenzo[a,h]Pyrene	0.0196	0.0963	0.0018	0.0196	0.0963	0.0018
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Dibenzo[a,i]Pyrene	0.0196	0.0963	0.0018	0.0196	0.0963	0.0018
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Dibenzo[a,l]Pyrene	0.0196	0.0963	0.0018	0.0196	0.0963	0.0018
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Phenanthrene	1.5650	0.8223	0.0361	7.9033	15.2128	24.4567
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Fluoranthene	1.1503	0.7626	0.0106	0.1596	9.2432	9.4308
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Fluorene	1.8389	21.1824	0.0479	1.0173	19.0641	7.2363
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Indeno[1,2,3-cd]Pyrene	0.0196	0.2022	0.0058	0.1103	0.7510	0.1143
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Naphthalene	2.7779	10.9763	0.2397	32.9434	1485.27	35.2116
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	Pyrene	1.0916	0.3197	0.0112	3.4039	7.5101	6.9892
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Acenaphthene	0.0095	0.0552	0.0029	0.1275	0.5611	0.0560
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Acenaphthylene	0.0095	0.0552	0.0029	0.0284	0.2319	0.0099
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Anthracene	0.0189	0.0552	0.0061	0.0261	0.2651	0.0221
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Benz[a]Anthracene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Benzo(a)pyrene	0.0095	0.0552	0.0029	0.0600	0.6307	0.0280
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Benzo[b]Fluoranthene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0062
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Benzo[g,h,i]Perylene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Benzo[j]Fluoranthene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Benzo[k]Fluoranthene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Chrysene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Dibenzo[a,e]Pyrene	0.0095	0.0552	0.0029	0.0095	0.1325	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Dibenzo[a,h]Anthracene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Dibenzo[a,h]Pyrene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Dibenzo[a,i]Pyrene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Dibenzo[a,l]Pyrene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Phenanthrene	0.0675	0.4363	0.0191	0.8890	11.3762	0.3324

May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Fluoranthene	0.0095	0.0552	0.0029	0.1689	1.2149	0.0409
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Fluorene	0.0095	0.1226	0.0065	0.2648	1.9881	0.0875
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Indeno[1,2,3-cd]Pyrene	0.0095	0.0552	0.0029	0.0095	0.0552	0.0029
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Naphthalene	0.0380	0.3126	0.0136	7.5663	37.1107	3.2773
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	Pyrene	0.0216	0.0552	0.0029	0.3783	3.2030	0.1108

Table S5. PCDD/Fs concentrations PM<sub>10</sub> and PM<sub>2.5</sub> fraction sampled in downtown.

Sampling period	PCDD/F	PM <sub>10</sub> (fg m <sup>-3</sup> )			PM <sub>2.5</sub> (fg m <sup>-3</sup> )		
		Sector #1	Sector #2	Sector #3	Sector #1	Sector #2	Sector #3
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	2,3,7,8-TCDD	2.1968	0.6218	0.0566	2.1968	0.6218	0.4293
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,7,8-PCDD	2.1968	4.2159	0.0566	2.1968	0.6218	1.3966
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,4,7,8-HxCDD	2.1968	0.6218	0.0566	2.1968	0.6218	0.6105
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,6,7,8-HxCDD	2.1968	0.6218	0.1710	2.1968	0.6218	0.0566
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,7,8,9-HxCDD	15.5975	0.6218	0.0566	2.1968	0.6218	0.6694
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,4,6,7,8-HpCDD	15.9051	2.3380	0.0566	86.3796	23.9771	11.5419
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	OCDD	737.1265	83.6214	1.8270	2551.9332	190.7723	84.0792
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	2,3,7,8-TCDF	2.1968	4.5019	0.0566	41.6960	8.3199	22.6976
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,7,8-PCDF	2.1968	0.6218	0.0566	2.1968	2.3629	2.8611
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	2,3,4,7,8-PCDF	2.1968	0.6218	0.0566	2.1968	11.4787	8.1462
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,4,7,8-HxCDF	2.1968	0.6218	0.0566	2.1968	1.7908	7.9695
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,6,7,8-HxCDF	10.7645	0.6218	0.0566	7.6889	0.6218	4.8614
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	2,3,4,6,7,8-HxCDF	2.1968	3.8926	0.0566	2.1968	1.6665	10.4953
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,7,8,9-HxCDF	11.5114	0.6218	0.0566	2.1968	0.6218	0.1257
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,4,6,7,8-HpCDF	38.4007	9.9863	0.6332	31.4587	2.0893	21.3655
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	1,2,3,4,7,8,9-HpCDF	2.1968	2.4375	0.0566	2.1968	0.6218	2.3661
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	OCDF	173.3743	12.8094	3.1851	72.2759	9.5262	5.6192
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	2,3,7,8-TCDD	1.3897	0.1673	0.0214	1.3897	0.1673	0.2344
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,7,8-PCDF	8.7827	0.1673	0.0214	1.3897	1.0376	1.7103
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,4,7,8-HxCDD	1.3897	0.1673	0.0214	1.3897	0.1673	0.0214
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,6,7,8-HxCDD	37.6876	0.1673	0.0214	1.3897	0.1673	0.9702
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,7,8,9-HxCDD	21.0673	0.1673	0.0214	1.3897	0.1673	0.9253
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,4,6,7,8-HpCDD	261.1173	0.1673	0.0911	1.3897	0.6091	16.5183
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	OCDD	1060.7838	0.8367	0.1069	6.9483	3.6448	64.8677
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	2,3,7,8-TCDF	79.0161	0.1673	0.0214	17.9822	5.0505	2.2664
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,7,8-PCDD	1.3897	0.1673	0.0214	1.3897	1.9580	0.1651
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	2,3,4,7,8-PCDF	93.9689	0.1673	0.0214	1.3897	3.4306	3.1724
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,4,7,8-HxCDF	77.7932	0.1673	0.0680	1.3897	4.6121	2.8268
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,6,7,8-HxCDF	80.4058	0.1673	0.0214	1.3897	1.4024	1.2478
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	2,3,4,6,7,8-HxCDF	47.5264	0.1673	0.0214	1.3897	1.2718	5.5966
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,7,8,9-HxCDF	1.3897	0.1673	0.0214	1.3897	0.1673	0.0753
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,4,6,7,8-HpCDF	198.3324	2.1052	0.1142	17.4541	13.1501	11.9753
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	1,2,3,4,7,8,9-HpCDF	28.8494	0.1673	0.0214	1.3897	2.3127	1.2859
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	OCDF	612.4236	0.8367	2.9175	159.9778	45.8096	24.3035
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	2,3,7,8-TCDD	0.9992	0.1532	0.0350	0.9992	0.1532	0.0350
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,7,8-PCDD	0.9992	0.1532	0.0350	0.9992	0.1532	0.6537
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,4,7,8-HxCDD	0.9992	0.1532	0.2214	0.9992	0.1532	0.3748
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,6,7,8-HxCDD	0.9992	0.1532	0.5584	0.9992	1.0446	1.1596
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,7,8,9-HxCDD	0.9992	0.1532	0.3510	0.9992	0.8424	0.7833
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,4,6,7,8-HpCDD	0.9992	0.1532	3.2727	26.5188	3.8323	6.1768
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	OCDD	4.9960	2.5395	8.9850	73.9209	13.7544	12.2275
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	2,3,7,8-TCDF	0.9992	1.1212	0.3685	12.7698	4.1416	1.7341
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,7,8-PCDF	0.9992	0.1532	0.9529	5.7554	1.2529	1.1455
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	2,3,4,7,8-PCDF	0.9992	0.8853	0.9557	0.9992	3.5167	2.4228
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,4,7,8-HxCDF	0.9992	0.6709	1.7754	7.1942	2.4017	2.4578
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,6,7,8-HxCDF	0.9992	0.1532	1.8294	6.8345	1.4398	2.1706
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	2,3,4,6,7,8-HxCDF	0.9992	0.5422	2.4768	9.8321	2.5855	3.6629
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,7,8,9-HxCDF	0.9992	0.1532	0.5850	0.9992	0.4013	0.5311
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,4,6,7,8-HpCDF	0.9992	0.1532	6.4326	30.0160	4.7298	11.9515
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	1,2,3,4,7,8,9-HpCDF	0.9992	0.1532	0.6096	0.9992	0.1532	0.4106
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	OCDF	4.9960	1.7308	3.8640	87.7498	0.7658	7.6699

Table S6. PCDD/Fs concentrations PM<sub>10</sub> and PM<sub>2.5</sub> fraction sampled in suburban area.

Sampling period	PCDD/F	PM <sub>10</sub> (fg m <sup>-3</sup> )			PM <sub>2.5</sub> (fg m <sup>-3</sup> )		
		sector #1	sector #2	sector #3	sector #1	sector #2	sector #3
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	2,3,7,8 - TCDD	0.2114	0.5388	0.0184	0.4270	1.2608	0.1434
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,7,8 - PCDD	2.6551	0.5388	0.0184	0.2114	0.5388	0.9756
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,4,7,8 - HxCDD	0.2114	0.5388	0.0184	1.6784	0.5388	0.9579
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,6,7,8 - HxCDD	0.2114	0.5388	0.1445	2.0209	1.5625	1.5814
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,7,8,9 - HxCDD	0.2114	0.5388	0.0184	0.7695	0.5388	1.0316
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,4,6,7,8 - HpCDD	0.8456	11.1638	0.0671	12.2775	3.1034	26.9142
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	OCDD	9.1447	57.0690	0.4801	48.4717	64.1487	53.3234
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	2,3,7,8 - TCDF	2.6593	1.3039	0.0984	13.5670	12.4138	20.0640
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,7,8 - PCDF	0.2114	0.5388	0.0184	2.0758	2.0690	3.8261
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	2,3,4,7,8 - PCDF	0.2114	0.5388	0.0516	3.8177	2.5862	11.6575
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,4,7,8 - HxCDF	0.7399	3.2543	0.0184	1.9279	3.9547	12.0228
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,6,7,8 - HxCDF	0.2114	1.1746	0.0701	3.0017	1.9289	10.0012
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	2,3,4,6,7,8 - HxCDF	0.2114	3.1466	0.0184	3.4203	1.9720	12.0892
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,7,8,9 - HxCDF	0.2114	0.5388	0.0184	0.2114	1.2284	0.2072
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,4,6,7,8 - HpCDF	1.4544	23.7608	0.2677	16.2220	13.7823	51.1996
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	1,2,3,4,7,8,9 - HpCDF	0.2114	0.5388	0.0184	0.9851	0.5388	5.7485
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	OCDF	0.2114	30.1724	0.0184	16.3108	12.9634	50.1654
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	2,3,7,8 - TCDD	0.1956	0.9628	0.0184	0.3913	0.9628	0.1682
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,7,8 - PCDD	0.4773	0.9628	0.0184	0.1956	240.98	3.1291
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,4,7,8 - HxCDD	0.8373	0.9628	0.0184	0.1956	0.9628	2.7038
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,6,7,8 - HxCDD	0.7199	0.9628	0.0690	0.8099	0.9628	12.3268
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,7,8,9 - HxCDD	0.7199	0.9628	0.1733	0.1956	0.9628	12.6304
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,4,6,7,8 - HpCDD	3.5134	9.9172	3.0314	7.4260	35.9137	88.9803
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	OCDD	18.0993	52.4937	6.0004	8.8462	236.99	182.93
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	2,3,7,8 - TCDF	2.3905	2.0797	0.0184	3.1691	0.9628	6.2154
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,7,8 - PCDF	1.7215	0.9628	0.0468	0.1956	0.9628	10.8626
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	2,3,4,7,8 - PCDF	3.0009	0.9628	0.2611	2.3475	20.5276	19.8929
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,4,7,8 - HxCDF	0.9155	0.9628	0.5027	4.1707	7.0287	31.6182
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,6,7,8 - HxCDF	1.1659	3.3892	0.1612	0.8021	8.8581	22.3979
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	2,3,4,6,7,8 - HxCDF	1.3185	0.9628	0.9844	0.9586	3.7358	41.2331
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,7,8,9 - HxCDF	1.0681	0.9628	0.0184	0.1956	0.9628	12.9040
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,4,6,7,8 - HpCDF	7.3712	27.9992	3.8077	15.8926	20.9705	185.15
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	1,2,3,4,7,8,9 - HpCDF	2.9892	0.9628	0.2191	0.5830	4.1017	22.7609
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	OCDF	19.7269	20.9513	7.3639	12.0936	32.3705	252.47
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	2,3,7,8 - TCDD	0.0946	6.1851	0.0292	0.0946	0.5522	0.0292
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,7,8 - PCDD	0.0946	14.5240	0.1656	0.0946	0.5522	0.0292
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,4,7,8 - HxCDD	0.0946	16.6998	0.0746	0.0946	0.5522	0.0292
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,6,7,8 - HxCDD	0.3745	35.3104	0.0292	0.0946	1.8887	0.0292
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,7,8,9 - HxCDD	0.2535	31.7208	0.0921	0.0946	0.5522	0.0292
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,4,6,7,8 - HpCDD	2.9944	262.94	1.9903	0.8550	6.7263	0.5878
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	OCDD	15.7644	672.56	5.9972	2.1148	16.3464	1.9856
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	2,3,7,8 - TCDF	0.9761	51.5463	3.5578	1.1009	8.4935	0.2630
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,7,8 - PCDF	0.6204	24.7294	0.1487	0.5391	4.3185	0.1295
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	2,3,4,7,8 - PCDF	0.7926	77.6452	1.1249	1.1520	7.1571	0.2088
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,4,7,8 - HxCDF	1.5530	108.39	0.4677	1.0914	6.0747	0.2688
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,6,7,8 - HxCDF	0.7093	86.3154	0.7313	0.7358	3.1920	0.1557
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	2,3,4,6,7,8 - HxCDF	1.2976	160.16	1.3465	1.1274	4.8045	0.2548
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,7,8,9 - HxCDF	0.2364	20.4109	0.1318	0.4805	1.3585	0.0292
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,4,6,7,8 - HpCDF	4.1274	658.3168	2.5793	2.5763	9.7195	0.7365
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	1,2,3,4,7,8,9 - HpCDF	0.3537	25.8781	0.0729	0.2610	1.6899	0.0292
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	OCDF	4.4339	473.29	2.0200	1.3317	6.3839	0.9173

Table S7. DL-PCBs concentrations PM<sub>10</sub> and PM<sub>2.5</sub> fraction sampled in downtown.

Sampling period	DL-PCB	PM <sub>10</sub> (fg m <sup>-3</sup> )			PM <sub>2.5</sub> (fg m <sup>-3</sup> )		
		sector #1	sector #2	sector #3	sector #1	sector #2	sector #3
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	77-CB	43.94	12.44	1.13	4674.87	477.06	230.84
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	81-CB	21.97	6.22	0.57	21.97	6.22	4.12
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	105-CB	571.62	31.09	36.80	346.22	2831.74	952.91
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	114-CB	43.94	-	-	21.97	-	-
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	118-CB	19033	433.28	623.19	58932.34	9982.59	3202.74
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	123-CB	21.97	6.22	3.96	472.76	72.88	284.87
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	126-CB	21.97	6.22	0.57	21.97	6.22	0.57
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	156-CB	329.53	597.07	102.04	19231.11	1545.83	130.82
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	157-CB	109.84	31.09	2.83	109.84	31.09	2.83
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	167-CB	109.84	31.09	85.77	346.22	1246.11	10.52
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	169-CB	21.97	6.22	0.57	21.97	6.22	11.84
Nov 16 <sup>th</sup> -Dec 18 <sup>th</sup>	189-CB	109.84	31.09	11.32	109.84	31.09	57.12
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	77-CB	27.79	13.79	0.43	2582.27	71.39	82.01
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	81-CB	13.90	1.67	0.21	173.43	27.58	5.04
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	105-CB	1232.07	41.30	12.33	9344.08	706.21	337.35
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	114-CB	13.90	1.67	0.21	473.32	3.65	28.02
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	118-CB	9722.07	2498.16	94.75	44816.56	3126.38	899.24
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	123-CB	13.90	68.48	2.37	166.76	34.27	41.16
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	126-CB	13.90	20.32	0.21	13.90	6.83	0.21
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	156-CB	6862.15	395.94	62.11	8779.88	757.08	164.65
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	157-CB	69.48	8.37	1.07	69.48	8.37	1.07
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	167-CB	2968.32	241.82	12.17	2196.50	216.38	35.09
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	169-CB	13.90	19.51	0.21	13.90	1.67	1.81
Mar 7 <sup>th</sup> -May 2 <sup>nd</sup>	189-CB	1290.99	21.49	5.70	670.09	200.72	3.36
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	77-CB	181.65	7.47	1.70	4578.34	767.68	224.48
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	81-CB	9.99	3.92	1.98	248.00	113.93	51.87
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	105-CB	608.91	103.66	32.78	4048.76	2760.69	1328.97
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	114-CB	27.98	13.20	1.19	473.82	400.07	195.48
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	118-CB	2450.04	593.37	190.43	18387.29	9103.66	4425.72
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	123-CB	349.52	24.97	26.16	11484.81	517.40	275.91
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	126-CB	9.99	1.53	1.64	52.56	24.08	12.16
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	156-CB	891.49	153.63	41.41	2509.99	353.82	164.51
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	157-CB	49.96	22.24	1.75	187.45	37.77	11.32
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	167-CB	49.96	7.66	3.84	145.68	132.89	88.42
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	169-CB	9.99	1.53	0.35	9.99	1.53	0.35
Jun 10 <sup>th</sup> -Jun 30 <sup>th</sup>	189-CB	204.44	22.79	1.75	49.96	7.66	10.39

Table S8. DL-PCBs concentrations PM<sub>10</sub> and PM<sub>2.5</sub> fraction sampled in suburban area.

Sampling period	DL-PCB	PM <sub>10</sub> (fg m <sup>-3</sup> )			PM <sub>2.5</sub> (fg m <sup>-3</sup> )		
		sector #1	sector #2	sector #3	sector #1	sector #2	sector #3
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	77-CB	34.88	36.21	0.37	1591.34	639.55	196.63
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	81-CB	8.84	5.39	0.18	155.75	5.39	13.50
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	105-CB	71.32	419.61	18.77	2099.95	368.00	106.48
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	114-CB						
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	118-CB	1316.11	3462.28	189.74	8271.26	2700.43	650.51
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	123-CB	27.48	5.39	0.55	44.26	5.39	6.92
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	126-CB	2.11	5.39	0.18	2.11	5.39	0.18
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	156-CB	824.84	1427.80	117.32	193.76	351.51	23.28
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	157-CB	44.90	26.94	3.93	10.57	26.94	0.92
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	167-CB	342.87	562.50	12.64	411.41	26.94	55.64
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	169-CB	2.11	5.39	0.18	2.11	5.39	0.18
Sept 29 <sup>th</sup> -Nov 16 <sup>th</sup>	189-CB	78.05	325.22	0.92	10.57	26.94	0.92
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	77-CB	20.78	39.09	0.79	1002.00	39.09	280.38
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	81-CB	1.96	9.63	0.18	61.35	9.63	7.06
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	105-CB	206.07	670.90	35.22	1734.81	670.90	467.78
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	114-CB	1.96	9.63	0.78	126.84	9.63	17.85
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	118-CB	2434.37	6899.67	193.96	8229.59	6899.67	2156.81
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	123-CB	6.34	41.02	0.56	48.40	41.02	26.18
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	126-CB	1.96	9.63	0.18	24.18	9.63	5.57
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	156-CB	1075.16	3054.11	63.00	678.04	3054.11	138.49
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	157-CB	9.78	48.14	0.92	9.78	48.14	0.92
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	167-CB	376.81	1176.20	30.60	320.59	1176.20	70.11
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	169-CB	1.96	9.63	0.18	1.96	9.63	3.96
Jan 21 <sup>st</sup> -Mar 7 <sup>th</sup>	189-CB	77.31	200.08	4.25	9.78	200.08	12.01
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	77-CB	1.89	11.04	0.58	506.00	10577.65	19.87
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	81-CB	0.95	5.52	0.29	61.76	240.89	1.32
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	105-CB	25.93	574.44	23.93	1351.53	17982.11	172.73
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	114-CB	0.95	5.52	0.29	57.84	1150.87	5.83
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	118-CB	512.81	2968.85	188.59	4568.34	70526.84	768.25
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	123-CB	3.75	39.98	2.19	400.45	5431.85	33.03
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	126-CB	0.95	5.52	0.29	18.46	5.52	0.29
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	156-CB	99.14	767.51	24.43	487.08	4412.41	150.51
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	157-CB	4.73	27.61	1.46	4.73	27.61	1.46
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	167-CB	110	150	24.77	129.42	2105.15	61.52
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	169-CB	0.95	5.52	0.29	0.95	5.52	0.29
May 2 <sup>nd</sup> -Jun 10 <sup>th</sup>	189-CB	4.73	27.61	1.46	20.73	27.61	8.19