Hamilton Air Monitoring Network - TSP Report

Station : STN29113
Location : Gertrude / Depew, Hamilton

Sample Matrix : Glass Fibre
Method : ICP/ MS

Parameter	TSP	Cd	Cr	Fe	Cu	Pb	Mn	Ni	V
Name		Cadmium	Chromium	Iron	Copper	Lead	Manganese	Nickel	Vanadium
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
MDL	1	0.01	0.002	0.01	0.004	0.04	0.002	0.02	0.01
Date									
04-Jan-13	27	0.005	0.002	0.49	0.283	0.02	0.036	0.01	0.005
10-Jan-13	29	0.005	0.007	1.09	0.445	0.12	0.085	0.01	0.005
16-Jan-13	59	0.005	0.021	2.48	0.410	0.05	0.238	0.01	0.005
22-Jan-13	97	0.005	0.009	1.54	0.310	0.02	0.131	0.01	0.005
28-Jan-13	32	0.005	0.009	1.59	0.403	0.02	0.092	0.01	0.005
03-Feb-13	43	0.005	0.009	1.01	0.487	0.02	0.074	0.01	0.005
09-Feb-13	25	0.005	0.005	0.57	0.519	0.02	0.059	0.01	0.005
15-Feb-13	20	0.005	0.006	0.85	0.399	0.02	0.081	0.01	0.005
21-Feb-13	---	---	---	---	---	---	---	---	---
27-Feb-13	77	0.005	0.022	2.99	1.045	0.02	0.353	0.01	0.007
05-Mar-13	100	0.005	0.055	6.55	0.303	0.02	0.677	0.01	0.017
11-Mar-13	72	0.005	0.054	5.09	0.323	0.02	0.358	0.02	0.010
17-Mar-13	44	0.005	0.014	1.94	0.278	0.02	0.210	0.01	0.005
23-Mar-13	32	0.005	0.013	1.68	0.378	0.02	0.185	0.01	0.005
29-Mar-13	19	0.005	0.005	0.73	0.423	0.02	0.077	0.01	0.005
04-Apr-13	15	0.005	0.005	0.70	0.662	0.02	0.064	0.01	0.005
10-Apr-13	66	0.005	0.024	3.51	0.160	0.02	0.313	0.01	0.008
16-Apr-13	73	0.005	0.089	5.19	0.251	0.02	0.374	0.03	0.013
22-Apr-13	181	0.005	0.074	11.10	0.192	0.02	1.128	0.01	0.033
28-Apr-13	114	0.005	0.049	6.06	0.209	0.02	0.539	0.01	0.018
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04-May-13	180	0.005	0.068	9.16	0.282	0.04	0.833	0.01	0.026
10-May-13	87	0.005	0.035	4.59	0.398	0.02	0.321	0.01	0.009
16-May-13	32	0.005	0.024	2.95	0.447	0.02	0.292	0.01	0.006
22-May-13	128	0.005	0.050	7.80	0.378	0.04	0.685	0.01	0.017
28-May-13	---	---	---	---	---	---	---	---	---
03-Jun-13	102	0.005	0.010	1.23	0.552	0.02	0.130	0.01	0.005
09-Jun-13	66	0.005	0.024	3.88	0.366	0.02	0.251	0.01	0.008
15-Jun-13	48	0.005	0.007	1.09	0.520	0.02	0.097	0.01	0.005
21-Jun-13	137	0.005	0.046	7.10	0.403	0.02	0.540	0.01	0.015
27-Jun-13	104	0.005	0.040	6.26	0.450	0.02	0.533	0.01	0.012

*** Station decommissioned August 29th, 2013. Sampling relocated to STN29180 effective November 24th, 2013.**

Parameter	TSP	Cd	Cr	Fe	Cu	Pb	Mn	Ni	V
Name		Cadmium	Chromium	Iron	Copper	Lead	Manganese	Nickel	Vanadium
Units	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³	µg/m³
MDL	1	0.01	0.002	0.01	0.004	0.04	0.002	0.02	0.01
Date									
03-Jul-13	111	0.005	0.029	4.83	0.327	0.02	0.389	0.01	0.010
09-Jul-13	51	0.005	0.016	2.96	0.498	0.02	0.185	0.01	0.005
15-Jul-13	105	0.005	0.035	5.08	0.460	0.02	0.465	0.01	0.013
21-Jul-13	73	0.005	0.032	3.89	0.522	0.02	0.378	0.01	0.011
27-Jul-13	42	0.005	0.011	1.73	0.714	0.02	0.135	0.01	0.005
02-Aug-13	44	0.005	0.013	2.11	0.863	0.02	0.141	0.01	0.005
08-Aug-13	85	0.005	0.036	5.21	0.634	0.02	0.404	0.01	0.011
14-Aug-13	42	0.005	0.017	2.06	0.837	0.02	0.192	0.01	0.005
20-Aug-13	47	0.005	0.007	1.14	0.820	0.02	0.083	0.01	0.005
26-Aug-13	61	0.005	0.012	2.03	0.776	0.02	0.151	0.01	0.005
01-Sep-13	---	---	---	---	---	---	---	---	---
07-Sep-13	---	---	---	---	---	---	---	---	---
13-Sep-13	---	---	---	---	---	---	---	---	---
19-Sep-13	---	---	---	---	---	---	---	---	---
25-Sep-13	---	---	---	---	---	---	---	---	---
01-Oct-13	---	---	---	---	---	---	---	---	---
07-Oct-13	---	---	---	---	---	---	---	---	---
13-Oct-13	---	---	---	---	---	---	---	---	---
19-Oct-13	---	---	---	---	---	---	---	---	---
25-Oct-13	---	---	---	---	---	---	---	---	---
31-Oct-13	---	---	---	---	---	---	---	---	---
06-Nov-13	---	---	---	---	---	---	---	---	---
12-Nov-13	---	---	---	---	---	---	---	---	---
18-Nov-13	---	---	---	---	---	---	---	---	---
24-Nov-13	71	0.005	0.002	0.65	0.061	0.02	0.097	0.01	0.005
30-Nov-13	95	0.005	0.010	1.60	0.084	0.02	0.126	0.01	0.005
06-Dec-13	98	0.005	0.019	3.07	0.080	0.02	0.243	0.01	0.006
12-Dec-13	103	0.005	0.022	3.24	0.073	0.02	0.257	0.01	0.007
18-Dec-13	28	0.005	0.001	0.27	0.103	0.02	0.019	0.01	0.005
24-Dec-13	43	0.005	0.003	0.28	0.048	0.02	0.039	0.01	0.005
30-Dec-13	80	0.005	0.010	1.67	0.053	0.02	0.168	0.01	0.005

Geo Mean	60	0.005	0.015	2.197	0.322	0.022	0.191	0.010	0.007
Max	181	0.005	0.089	11.095	1.045	0.124	1.128	0.026	0.033
Min	15	0.005	0.001	0.270	0.048	0.020	0.019	0.010	0.005
AAQC	120	0.025	1.5	25.0	50	0.5	0.4	2	2
No. > AAQC	4	0	0	0	0	0	9	0	0
No. of Samples	45	45	45	45	45	45	45	45	45