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									
03-Jan-11	26	0.005	0.014	0.98	0.243	0.02	0.033	0.01	0.005
09-Jan-11	26	0.005	0.005	0.81	0.241	0.02	0.045	0.01	0.005
15-Jan-11	29	0.005	0.006	0.49	0.218	0.02	0.030	0.01	0.005
21-Jan-11	28	0.005	0.007	0.81	0.299	0.02	0.060	0.01	0.005
27-Jan-11	27	0.005	0.003	0.39	0.334	0.02	0.056	0.01	0.005
02-Feb-11	23	0.005	0.005	1.32	0.167	0.02	0.072	0.01	0.005
08-Feb-11	31	0.005	0.008	1.09	0.211	0.04	0.094	0.01	0.005
14-Feb-11	26	0.005	0.006	1.89	0.156	0.02	0.064	0.01	0.005
20-Feb-11	52	0.005	0.011	2.27	0.162	0.02	0.198	0.01	0.010
26-Feb-11	30	0.005	0.003	0.63	0.229	0.02	0.057	0.01	0.005

04-Mar-11	70	0.005	0.036	4.61	0.248	0.02	0.362	0.01	0.008
10-Mar-11	40	0.005	0.017	3.05	0.326	0.02	0.268	0.01	0.007
16-Mar-11	50	0.005	0.017	9.07	0.393	0.02	0.260	0.01	0.005
22-Mar-11	34	0.005	0.015	1.82	0.183	0.02	0.133	0.01	0.005
28-Mar-11	43	0.005	0.010	1.62	1.233	0.02	0.151	0.01	0.005
03-Apr-11	44	0.005	0.011	1.21	2.330	0.02	0.134	0.01	0.005
09-Apr-11	-----	-----	-----	-----	-----	-----	-----	-----	-----
15-Apr-11	249	0.005	0.090	16.78	0.245	0.04	1.489	0.01	0.050
21-Apr-11	45	0.005	0.013	2.24	0.606	0.02	0.208	0.01	0.005
27-Apr-11	86	0.005	0.028	8.77	0.520	0.02	0.479	0.01	0.020
03-May-11	41	0.005	0.011	2.47	0.340	0.02	0.196	0.01	0.009
09-May-11	124	0.005	0.039	6.91	0.354	0.02	0.695	0.01	0.024
15-May-11	64	0.005	0.016	5.52	0.317	0.04	0.358	0.01	0.008
21-May-11	83	0.005	0.023	3.24	0.309	0.02	0.348	0.01	0.011
27-May-11	94	0.005	0.035	7.85	0.204	0.04	0.695	0.01	0.020
02-Jun-11	70	0.005	0.018	2.87	0.368	0.02	0.218	0.01	0.005
08-Jun-11	80	0.005	0.012	2.71	0.303	0.02	0.156	0.01	0.006
14-Jun-11	84	0.005	0.025	5.08	0.252	0.02	0.413	0.01	0.012
20-Jun-11	117	0.005	0.045	9.11	0.271	0.02	0.778	0.01	0.023
26-Jun-11	59	0.005	0.010	1.54	0.333	0.02	0.147	0.01	0.005

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									
02-Jul-11	81	0.005	0.024	2.90	0.301	0.02	0.216	0.01	0.009
08-Jul-11	104	0.005	0.034	5.90	0.327	0.04	0.450	0.01	0.013
14-Jul-11	93	0.005	0.033	6.21	0.280	0.04	0.400	0.01	0.010
20-Jul-11	63	0.005	0.021	1.68	0.330	0.02	0.104	0.01	0.005
26-Jul-11	64	0.005	0.012	1.74	0.335	0.02	0.139	0.01	0.005
01-Aug-11	37	0.005	0.007	0.98	0.488	0.02	0.074	0.01	0.005
07-Aug-11	58	0.005	0.018	3.14	0.490	0.02	0.208	0.01	0.006
13-Aug-11	67	0.005	0.023	3.35	0.382	0.02	0.301	0.01	0.010
19-Aug-11	52	0.005	0.014	2.77	0.488	0.02	0.170	0.01	0.005
25-Aug-11	29	0.005	0.009	1.28	0.467	0.02	0.085	0.01	0.005
31-Aug-11	102	0.005	0.059	7.70	0.413	0.04	0.549	0.18	0.015
06-Sep-11	63	0.005	0.032	5.08	0.478	0.02	0.466	0.01	0.014
12-Sep-11	39	0.005	0.007	1.46	0.601	0.02	0.120	0.01	0.005
18-Sep-11	53	0.005	0.026	5.10	0.387	0.02	0.280	0.01	0.009
24-Sep-11	44	0.005	0.018	2.56	0.477	0.02	0.256	0.01	0.008
30-Sep-11	17	0.005	0.004	0.68	0.471	0.02	0.064	0.01	0.005
06-Oct-11	109	0.005	0.042	8.37	0.499	0.05	0.692	0.01	0.018
12-Oct-11	45	0.005	0.012	2.51	0.407	0.02	0.219	0.01	0.008
18-Oct-11	40	0.005	0.006	1.34	0.574	0.02	0.088	0.01	0.005
24-Oct-11	32	0.005	0.004	0.89	0.415	0.02	0.079	0.01	0.005
30-Oct-11	27	0.005	0.003	0.85	0.503	0.02	0.066	0.01	0.005
05-Nov-11	59	0.005	0.019	3.85	0.295	0.02	0.333	0.01	0.012
11-Nov-11	27	0.005	0.004	0.99	0.455	0.02	0.070	0.01	0.005
17-Nov-11	42	0.005	0.009	1.63	0.360	0.02	0.139	0.01	0.005
23-Nov-11	39	0.005	0.009	3.23	0.407	0.02	0.137	0.01	0.005
29-Nov-11	21	0.005	0.004	1.02	0.464	0.02	0.059	0.01	0.005
05-Dec-11	10	0.005	0.003	0.30	0.441	0.02	0.027	0.01	0.005
11-Dec-11	-----	-----	-----	-----	-----	-----	-----	-----	-----
17-Dec-11	31	0.005	0.008	1.27	1.001	0.02	0.113	0.01	0.005
23-Dec-11	23	0.005	0.005	0.82	0.587	0.02	0.065	0.01	0.005
29-Dec-11	36	0.005	0.013	1.30	0.335	0.02	0.109	0.01	0.005

Geo Mean	47	0.005	0.012	2.182	0.368	0.022	0.163	0.010	0.007
Max	249	0.005	0.090	16.784	2.330	0.052	1.489	0.182	0.050
Min	10	0.005	0.003	0.302	0.156	0.020	0.027	0.005	0.005
AAQC	120	0.025	1.5	17.5	50	0.5	2.5	2	2
No. > AAQC	2	0	0	0	0	0	0	0	0
No. of Samples	59	59	59	59	59	59	59	59	59