Hamilton Air Monitoring Network - TSP Report

Station : STN29161
Location : Strathearne, 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-12	178	0.005	0.088	20.58	0.117	0.05	1.178	0.01	0.027
10-Jan-12	139	0.005	0.065	17.03	0.168	0.04	0.847	0.02	0.020
16-Jan-12	219	0.005	0.074	16.53	0.363	0.05	0.891	0.02	0.021
22-Jan-12	34	0.005	0.007	1.51	0.309	0.02	0.077	0.01	0.005
28-Jan-12	82	0.005	0.023	4.59	0.108	0.02	0.297	0.01	0.007
03-Feb-12	294	0.005	0.135	18.00	0.161	0.05	1.183	0.08	0.029
09-Feb-12	512	0.005	0.115	26.79	0.121	0.07	1.463	0.02	0.039
15-Feb-12	81	0.005	0.021	4.59	0.050	0.02	0.273	0.01	0.006
21-Feb-12	---	---	---	---	---	---	---	---	---
27-Feb-12	321	0.005	0.113	20.79	0.111	0.09	1.355	0.02	0.034

04-Mar-12	129	0.005	0.033	5.84	0.044	0.04	0.458	0.01	0.009
10-Mar-12	79	0.005	0.010	2.03	0.027	0.02	0.135	0.01	0.005
16-Mar-12	228	0.005	0.041	8.19	0.116	0.04	0.542	0.01	0.012
22-Mar-12	293	0.005	0.097	18.75	0.196	0.10	1.114	0.03	0.028
28-Mar-12	382	0.005	0.151	26.07	0.184	0.17	1.938	0.03	0.043
03-Apr-12	258	0.005	0.125	21.24	0.367	0.09	1.314	0.03	0.037
09-Apr-12	436	0.005	0.120	28.35	0.212	0.18	1.868	0.02	0.043
15-Apr-12	64	0.005	0.032	4.31	0.119	0.04	0.231	0.01	0.007
21-Apr-12	84	0.005	0.040	6.83	0.147	0.04	0.375	0.01	0.012
27-Apr-12	166	0.005	0.059	14.38	0.137	0.06	0.837	0.01	0.021
03-May-12	---	---	---	---	---	---	---	---	---
09-May-12	Station has been terminated								
15-May-12	---	---	---	---	---	---	---	---	---
21-May-12	---	---	---	---	---	---	---	---	---
27-May-12	---	---	---	---	---	---	---	---	---
02-Jun-12	---	---	---	---	---	---	---	---	---
08-Jun-12	---	---	---	---	---	---	---	---	---
14-Jun-12	---	---	---	---	---	---	---	---	---
20-Jun-12	---	---	---	---	---	---	---	---	---
26-Jun-12	---	---	---	---	---	---	---	---	---

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-12	---	---	---	---	---	---	---	---	---
08-Jul-12	---	---	---	---	---	---	---	---	---
14-Jul-12	---	---	---	---	---	---	---	---	---
20-Jul-12	---	---	---	---	---	---	---	---	---
26-Jul-12	---	---	---	---	---	---	---	---	---
01-Aug-12	---	---	---	---	---	---	---	---	---
07-Aug-12	---	---	---	---	---	---	---	---	---
13-Aug-12	---	---	---	---	---	---	---	---	---
19-Aug-12	---	---	---	---	---	---	---	---	---
25-Aug-12	---	---	---	---	---	---	---	---	---
31-Aug-12	---	---	---	---	---	---	---	---	---
06-Sep-12	---	---	---	---	---	---	---	---	---
12-Sep-12	---	---	---	---	---	---	---	---	---
18-Sep-12	---	---	---	---	---	---	---	---	---
24-Sep-12	---	---	---	---	---	---	---	---	---
30-Sep-12	---	---	---	---	---	---	---	---	---
06-Oct-12	---	---	---	---	---	---	---	---	---
12-Oct-12	---	---	---	---	---	---	---	---	---
18-Oct-12	---	---	---	---	---	---	---	---	---
24-Oct-12	---	---	---	---	---	---	---	---	---
30-Oct-12	---	---	---	---	---	---	---	---	---
05-Nov-12	---	---	---	---	---	---	---	---	---
11-Nov-12	---	---	---	---	---	---	---	---	---
17-Nov-12	---	---	---	---	---	---	---	---	---
23-Nov-12	---	---	---	---	---	---	---	---	---
29-Nov-12	---	---	---	---	---	---	---	---	---
05-Dec-12	---	---	---	---	---	---	---	---	---
11-Dec-12	---	---	---	---	---	---	---	---	---
17-Dec-12	---	---	---	---	---	---	---	---	---
23-Dec-12	---	---	---	---	---	---	---	---	---
29-Dec-12	---	---	---	---	---	---	---	---	---

Geo Mean	166	0.005	0.053	10.432	0.134	0.050	0.633	0.015	0.017
Max	512	0.005	0.151	28.349	0.367	0.175	1.938	0.084	0.043
Min	34	0.005	0.007	1.510	0.027	0.020	0.077	0.010	0.005
AAQC	120	0.025	1.5	17.5	50	0.5	2.5	2	2
No. > AAQC	13	0	0	8	0	0	0	0	0
No. of Samples	19	19	19	19	19	19	19	19	19

Note: Station decommissioned May 1, 2012.