Hamilton Air Monitoring Network - TSP Report

Station : STN29160
Location : Burlington St, 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									
05-Jan-14	38	0.005	0.004	0.47	0.046	0.02	0.074	0.01	0.005
11-Jan-14	23	0.005	0.002	0.34	0.045	0.02	0.054	0.01	0.005
17-Jan-14	53	0.005	0.003	0.70	0.030	0.02	0.102	0.01	0.005
23-Jan-14	46	0.005	0.006	0.45	0.029	0.02	0.169	0.01	0.005
29-Jan-14	29	0.005	0.002	1.44	0.009	0.02	0.050	0.01	0.005
04-Feb-14	51	0.005	0.003	0.68	0.057	0.02	0.136	0.01	0.005
10-Feb-14	31	0.005	0.001	0.02	0.020	0.02	0.017	0.01	0.005
16-Feb-14	25	0.005	0.002	0.01	0.053	0.02	0.031	0.01	0.005
22-Feb-14	31	0.005	0.001	0.11	0.007	0.02	0.042	0.01	0.005
28-Feb-14	57	0.005	0.002	0.52	0.028	0.02	0.093	0.01	0.005
06-Mar-14	67	0.005	0.038	2.07	0.046	0.02	0.148	0.01	0.005
12-Mar-14	20	0.005	0.009	0.16	0.018	0.02	0.092	0.01	0.005
18-Mar-14	103	0.005	0.040	2.06	0.024	0.02	0.972	0.01	0.005
24-Mar-14	68	0.005	0.004	0.81	0.029	0.02	0.130	0.01	0.005
30-Mar-14	45	0.005	0.004	0.71	0.029	0.02	0.143	0.01	0.005
05-Apr-14	29	0.005	0.006	0.56	0.011	0.02	0.143	0.01	0.005
11-Apr-14	90	0.005	0.025	2.81	0.059	0.02	0.424	0.01	0.019
17-Apr-14	95	0.005	0.107	3.19	0.034	0.02	1.983	0.01	0.011
23-Apr-14	54	0.005	0.014	1.03	0.021	0.02	0.565	0.01	0.005
29-Apr-14	51	0.005	0.010	1.18	0.025	0.02	3.365	0.01	0.012
05-May-14	94	0.005	0.030	2.58	0.041	0.02	1.176	0.01	0.007
11-May-14	77	0.005	0.008	1.26	0.027	0.02	0.238	0.01	0.030
17-May-14	87	0.005	0.008	1.11	0.045	0.02	0.248	0.01	0.005
23-May-14	66	0.005	0.005	0.89	0.014	0.02	0.199	0.01	0.005
29-May-14	137	0.005	0.047	4.23	0.024	0.02	1.386	0.01	0.015
04-Jun-14	93	0.005	0.007	1.11	0.026	0.02	0.251	0.01	0.005
10-Jun-14	136	0.005	0.082	2.83	0.042	0.02	4.217	0.01	0.007
16-Jun-14	111	0.005	0.068	2.86	0.033	0.02	0.939	0.01	0.007
22-Jun-14	85	0.005	0.014	2.33	0.045	0.02	0.278	0.01	0.005
28-Jun-14	75	0.005	0.006	1.23	0.025	0.02	0.156	0.01	0.006

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-Jul-14	83	0.005	0.030	1.99	0.029	0.02	0.359	0.01	0.005
10-Jul-14	98	0.005	0.041	3.31	0.042	0.02	1.041	0.01	0.010
16-Jul-14	61	0.005	0.025	2.03	0.023	0.02	0.360	0.01	0.005
22-Jul-14	82	0.005	0.024	2.23	0.041	0.02	0.327	0.01	0.006
28-Jul-14	92	0.005	0.023	1.52	0.021	0.02	0.219	0.01	0.011
03-Aug-14	76	0.005	0.005	0.98	0.026	0.02	0.166	0.01	0.005
09-Aug-14	37	0.005	0.005	0.78	0.250	0.02	0.042	0.01	0.005
15-Aug-14	96	0.005	0.022	6.13	0.046	0.02	0.298	0.01	0.007
21-Aug-14	47	0.005	0.009	2.01	0.072	0.02	0.116	0.01	0.005
27-Aug-14	69	0.005	0.009	2.48	0.130	0.02	0.121	0.01	0.005
02-Sep-14	63	0.005	0.013	6.16	0.085	0.02	0.168	0.01	0.005
08-Sep-14	47	0.005	0.013	2.33	0.138	0.02	0.115	0.01	0.005
14-Sep-14	---	---	---	---	---	---	---	---	---
20-Sep-14	---	---	---	---	---	---	---	---	---
26-Sep-14	87	0.005	0.024	6.93	0.148	0.04	0.239	0.01	0.007
02-Oct-14	133	0.005	0.026	3.23	0.038	0.02	3.560	0.02	0.009
08-Oct-14	55	0.005	0.004	0.90	0.021	0.02	0.161	0.01	0.005
14-Oct-14	77	0.005	0.024	4.78	0.123	0.12	0.425	0.02	0.017
20-Oct-14	48	0.005	0.007	1.51	0.060	0.02	0.154	0.01	0.005
26-Oct-14	49	0.005	0.004	0.57	0.025	0.02	0.122	0.02	0.005
01-Nov-14	33	0.005	0.002	0.48	0.020	0.02	0.060	0.01	0.005
07-Nov-14	90	0.005	0.007	1.41	0.042	0.02	0.502	0.01	0.005
13-Nov-14	42	0.005	0.006	0.85	0.015	0.02	0.245	0.01	0.005
19-Nov-14	42	0.005	0.004	0.66	0.018	0.02	0.134	0.01	0.005
25-Nov-14	52	0.005	0.004	0.66	0.009	0.02	0.329	0.01	0.005
01-Dec-14	67	0.005	0.004	0.99	0.015	0.02	0.181	0.01	0.005
07-Dec-14	52	0.005	0.008	1.31	0.018	0.02	0.299	0.01	0.008
13-Dec-14	18	0.005	0.001	0.14	0.009	0.02	0.032	0.01	0.005
19-Dec-14	137	0.005	0.006	1.56	0.023	0.02	0.263	0.01	0.005
25-Dec-14	8	0.005	0.001	0.10	0.004	0.02	0.031	0.01	0.005
31-Dec-14	73	0.005	0.003	0.84	0.006	0.02	0.154	0.01	0.005

Geo Mean	58	0.005	0.008	1.007	0.030	0.021	0.212	0.010	0.006
Max	137	0.005	0.107	6.928	0.250	0.120	4.217	0.022	0.030
Min	8	0.005	0.001	0.005	0.004	0.020	0.017	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	13	0	0
No. of Samples	59	59	59	59	59	59	59	59	59