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									
04-Jan-12	55	0.005	0.005	1.00	0.055	0.02	0.100	0.01	0.005
10-Jan-12	45	0.005	0.003	0.92	0.072	0.02	0.118	0.01	0.005
16-Jan-12	74	0.005	0.008	1.53	0.080	0.02	0.185	0.01	0.005
22-Jan-12	28	0.005	0.005	1.01	0.051	0.02	0.080	0.01	0.005
28-Jan-12	26	0.005	0.004	0.46	0.022	0.02	0.055	0.01	0.005
03-Feb-12	59	0.005	0.005	0.99	0.033	0.02	0.112	0.01	0.005
09-Feb-12	57	0.005	0.004	0.78	0.012	0.02	0.089	0.01	0.005
15-Feb-12	25	0.005	0.003	0.51	0.013	0.02	0.039	0.01	0.005
21-Feb-12	---	---	---	---	---	---	---	---	---
27-Feb-12	---	---	---	---	---	---	---	---	---

04-Mar-12	29	0.005	0.013	0.96	0.029	0.02	0.168	0.01	0.005
10-Mar-12	25	0.005	0.005	0.55	0.030	0.02	0.057	0.01	0.005
16-Mar-12	165	0.005	0.011	3.23	0.065	0.02	0.328	0.02	0.005
22-Mar-12	224	0.005	0.079	8.19	0.173	0.04	0.781	0.04	0.016
28-Mar-12	133	0.005	0.002	0.74	0.008	0.02	0.145	0.01	0.005
03-Apr-12	127	0.005	0.040	5.23	0.085	0.02	0.797	0.01	0.012
09-Apr-12	125	0.005	0.008	1.95	0.016	0.02	0.365	0.01	0.005
15-Apr-12	37	0.005	0.003	0.66	0.033	0.02	0.045	0.01	0.005
21-Apr-12	38	0.005	0.009	1.33	0.022	0.02	0.199	0.01	0.005
27-Apr-12	60	0.005	0.007	1.21	0.014	0.02	0.346	0.01	0.008
03-May-12	165	0.005	0.084	9.32	0.102	0.02	0.892	0.04	0.015
09-May-12	82	0.005	0.003	0.98	0.027	0.02	0.305	0.01	0.005
15-May-12	199	0.005	0.053	4.74	0.072	0.02	0.573	0.01	0.016
21-May-12	148	0.005	0.021	3.83	0.099	0.02	0.326	0.01	0.009
27-May-12	41	0.005	0.052	5.23	0.055	0.02	0.185	0.03	0.005
02-Jun-12	42	0.005	0.001	0.39	0.026	0.02	0.152	0.01	0.005
08-Jun-12	100	0.005	0.001	0.04	0.021	0.02	0.239	0.01	0.005
14-Jun-12	96	0.005	0.229	1.81	0.005	0.02	2.866	0.01	0.007
20-Jun-12	208	0.005	0.001	2.09	0.015	0.02	0.385	0.01	0.006
26-Jun-12	75	0.005	0.001	1.01	0.014	0.02	0.248	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-12	66	0.005	0.004	0.91	0.040	0.02	0.250	0.01	0.005
08-Jul-12	57	0.005	0.005	1.35	0.033	0.02	0.174	0.01	0.005
14-Jul-12	66	0.005	0.006	1.42	0.052	0.02	0.226	0.01	0.007
20-Jul-12	129	0.005	0.128	5.47	0.044	0.02	7.879	0.01	0.011
26-Jul-12	46	0.005	0.007	1.15	0.044	0.02	0.155	0.01	0.005
01-Aug-12	99	0.005	0.014	2.40	0.120	0.02	0.513	0.01	0.006
07-Aug-12	66	0.005	0.004	0.96	0.030	0.02	0.429	0.01	0.005
13-Aug-12	77	0.005	0.006	1.27	0.043	0.02	0.236	0.01	0.005
19-Aug-12	55	0.005	0.002	0.72	0.041	0.02	0.095	0.01	0.005
25-Aug-12	101	0.005	0.011	2.30	0.081	0.02	0.222	0.01	0.006
31-Aug-12	126	0.005	0.007	1.46	0.027	0.02	0.290	0.01	0.005
06-Sep-12	141	0.005	0.015	2.84	0.081	0.02	0.533	0.01	0.007
12-Sep-12	68	0.005	0.003	0.88	0.036	0.02	0.118	0.01	0.005
18-Sep-12	36	0.005	0.003	0.55	0.035	0.02	0.067	0.01	0.005
24-Sep-12	61	0.005	0.004	0.94	0.025	0.02	0.184	0.01	0.005
30-Sep-12	43	0.005	0.005	0.87	0.050	0.02	0.145	0.01	0.005
06-Oct-12	31	0.005	0.002	0.53	0.020	0.02	0.072	0.01	0.005
12-Oct-12	58	0.005	0.007	1.16	0.057	0.02	0.449	0.01	0.005
18-Oct-12	88	0.005	0.169	5.38	0.164	0.02	2.388	0.01	0.008
24-Oct-12	52	0.005	0.209	3.27	0.044	0.02	5.395	0.01	0.007
30-Oct-12	22	0.005	0.004	0.48	0.043	0.02	0.165	0.01	0.011
05-Nov-12	74	0.005	0.001	1.64	0.051	0.02	0.942	0.01	0.012
11-Nov-12	64	0.005	0.001	1.16	0.089	0.02	0.201	0.01	0.005
17-Nov-12	79	0.005	0.001	2.00	0.125	0.02	0.205	0.01	0.005
23-Nov-12	74	0.005	0.001	1.47	0.029	0.02	0.283	0.01	0.005
29-Nov-12	85	0.005	0.001	1.38	0.021	0.02	0.322	0.01	0.005
05-Dec-12	73	0.005	0.012	1.69	0.027	0.02	0.349	0.01	0.006
11-Dec-12	103	0.005	0.034	3.91	0.064	0.02	1.298	0.01	0.012
17-Dec-12	85	0.005	0.018	2.63	0.088	0.02	0.385	0.01	0.008
23-Dec-12	15	0.005	0.003	0.40	0.028	0.02	0.105	0.01	0.005
29-Dec-12	---	---	---	---	---	---	---	---	---

Geo Mean	67	0.005	0.007	1.353	0.039	0.020	0.263	0.011	0.006
Max	224	0.005	0.229	9.318	0.173	0.036	7.879	0.041	0.016
Min	15	0.005	0.001	0.044	0.005	0.020	0.039	0.010	0.005
AAQC	120	0.025	1.5	17.5	50	0.5	2.5	2	2
No. > AAQC	12	0	0	0	0	0	3	0	0
No. of Samples	58	58	58	58	58	58	58	58	58