HAMN
HAMILTON AIR MONITORING NETWORK

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-13	---	---	---	---	---	---	---	---	---
10-Jan-13	79	0.005	0.012	1.78	0.117	0.02	0.282	0.01	0.005
16-Jan-13	95	0.005	0.014	1.94	0.104	0.04	0.301	0.01	0.005
22-Jan-13	88	0.005	0.006	1.15	0.010	0.02	0.176	0.01	0.005
28-Jan-13	41	0.005	0.008	1.05	0.107	0.02	0.249	0.01	0.005
03-Feb-13	44	0.005	0.001	0.34	0.045	0.02	0.063	0.01	0.005
09-Feb-13	28	0.005	0.001	0.34	0.058	0.02	0.096	0.01	0.005
15-Feb-13	32	0.005	0.002	0.53	0.023	0.02	0.153	0.01	0.005
21-Feb-13	76	0.005	0.008	1.21	0.026	0.02	0.432	0.01	0.005
27-Feb-13	24	0.005	0.002	0.40	0.101	0.02	0.356	0.01	0.005
05-Mar-13	113	0.005	0.036	3.10	0.046	0.02	1.353	0.01	0.007
11-Mar-13	68	0.005	0.057	3.38	0.117	0.02	0.674	0.02	0.005
17-Mar-13	66	0.005	0.008	1.34	0.046	0.02	0.275	0.01	0.005
23-Mar-13	41	0.005	0.012	0.76	0.027	0.02	0.195	0.01	0.005
29-Mar-13	33	0.005	0.001	0.46	0.042	0.02	0.071	0.01	0.005
04-Apr-13	63	0.005	0.004	1.33	0.035	0.02	0.136	0.01	0.005
10-Apr-13	26	0.005	0.011	0.46	0.023	0.02	0.384	0.01	0.005
16-Apr-13	54	0.005	0.008	1.21	0.042	0.02	0.205	0.01	0.005
22-Apr-13	84	0.005	0.018	2.93	0.029	0.02	1.101	0.01	0.005
28-Apr-13	67	0.005	0.006	1.44	0.040	0.02	0.119	0.01	0.005
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04-May-13	140	0.005	0.019	4.11	0.063	0.02	0.548	0.01	0.010
10-May-13	96	0.005	0.036	1.97	0.092	0.02	1.838	0.01	0.005
16-May-13	82	0.005	0.009	1.20	0.045	0.02	0.155	0.01	0.005
22-May-13	148	0.005	0.044	4.02	0.073	0.04	1.155	0.01	0.009
28-May-13	47	0.005	0.035	0.84	0.073	0.02	1.326	0.01	0.005
03-Jun-13	121	0.005	0.009	1.21	0.104	0.02	0.237	0.01	0.005
09-Jun-13	55	0.005	0.008	1.31	0.046	0.02	0.298	0.01	0.005
15-Jun-13	71	0.005	0.007	0.89	0.047	0.02	0.289	0.01	0.005
21-Jun-13	165	0.005	0.029	4.68	0.089	0.02	1.027	0.01	0.009
27-Jun-13	107	0.005	0.024	2.82	0.136	0.02	2.231	0.01	0.007

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	105	0.005	0.022	2.99	0.061	0.02	2.688	0.01	0.012
09-Jul-13	56	0.005	0.010	1.51	0.090	0.02	0.181	0.01	0.005
15-Jul-13	115	0.005	0.021	3.85	0.072	0.02	0.842	0.01	0.008
21-Jul-13	51	0.005	0.004	0.81	0.046	0.02	0.180	0.01	0.005
27-Jul-13	50	0.005	0.006	1.09	0.096	0.02	0.140	0.01	0.005
02-Aug-13	72	0.005	0.001	0.25	0.024	0.02	0.099	0.01	0.005
08-Aug-13	77	0.005	0.001	0.44	0.022	0.02	0.148	0.01	0.005
14-Aug-13	49	0.005	0.001	0.52	0.047	0.02	0.095	0.01	0.005
20-Aug-13	83	0.005	0.001	0.01	0.014	0.02	0.026	0.01	0.005
26-Aug-13	75	0.005	0.003	1.03	0.069	0.02	0.215	0.01	0.005
01-Sep-13	42	0.005	0.003	0.82	0.064	0.02	0.154	0.01	0.007
07-Sep-13	45	0.005	0.004	0.77	0.115	0.02	0.082	0.01	0.005
13-Sep-13	60	0.005	0.004	1.00	0.076	0.02	0.241	0.01	0.005
19-Sep-13	145	0.005	0.012	2.65	0.217	0.02	0.325	0.01	0.020
25-Sep-13	372	0.005	0.018	2.99	0.210	0.04	0.551	0.02	0.064
01-Oct-13	64	0.005	0.003	0.99	0.091	0.02	0.091	0.01	0.005
07-Oct-13	35	0.005	0.002	0.54	0.051	0.02	0.151	0.01	0.005
13-Oct-13	71	0.005	0.005	1.06	0.307	0.02	0.206	0.01	0.005
19-Oct-13	28	0.005	0.001	0.39	0.023	0.02	0.116	0.01	0.005
25-Oct-13	43	0.005	0.004	0.71	0.033	0.02	0.343	0.01	0.005
31-Oct-13	17	0.005	0.003	0.55	0.070	0.02	0.263	0.01	0.006
06-Nov-13	49	0.005	0.004	1.05	0.032	0.02	0.137	0.01	0.005
12-Nov-13	58	0.005	0.005	0.93	0.022	0.02	0.146	0.01	0.005
18-Nov-13	25	0.005	0.002	0.40	0.006	0.02	0.086	0.01	0.005
24-Nov-13	57	0.005	0.002	0.38	0.012	0.02	0.078	0.01	0.005
30-Nov-13	67	0.005	0.004	0.83	0.055	0.02	0.132	0.01	0.005
06-Dec-13	96	0.005	0.006	1.21	0.022	0.02	0.290	0.01	0.005
12-Dec-13	59	0.005	0.004	0.82	0.012	0.02	0.176	0.01	0.005
18-Dec-13	27	0.005	0.001	0.19	0.011	0.02	0.079	0.01	0.005
24-Dec-13	29	0.005	0.001	0.10	0.041	0.02	0.029	0.01	0.005
30-Dec-13	74	0.005	0.005	1.04	0.030	0.02	0.265	0.01	0.005

Geo Mean	62	0.005	0.005	0.918	0.048	0.021	0.235	0.010	0.006
Max	372	0.005	0.057	4.677	0.307	0.040	2.688	0.022	0.064
Min	17	0.005	0.001	0.005	0.006	0.020	0.026	0.010	0.005
AAQC	120	0.025	1.5	25.0	50	0.5	0.4	2	2
No. > AAQC	6	0	0	0	0	0	13	0	0
No. of Samples	60	60	60	60	60	60	60	60	60