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									
03-Jan-19	28	0.005	0.004	0.43	0.018	0.02	0.067	0.01	0.005
09-Jan-19	43	0.005	0.006	0.61	0.013	0.02	0.116	0.01	0.005
15-Jan-19	43	0.005	0.004	0.49	0.016	0.02	0.059	0.01	0.005
21-Jan-19	19	0.005	0.003	0.24	0.016	0.02	0.282	0.01	0.005
27-Jan-19	28	0.005	0.004	0.27	0.037	0.02	0.036	0.01	0.005
02-Feb-19	30	0.005	0.002	0.32	0.029	0.02	0.023	0.01	0.005
08-Feb-19	31	0.005	0.003	0.74	0.011	0.02	0.073	0.01	0.005
14-Feb-19	19	0.005	0.002	0.54	0.035	0.02	0.064	0.01	0.005
20-Feb-19	35	0.005	0.003	1.13	0.083	0.02	0.066	0.01	0.005
26-Feb-19	72	0.005	0.006	1.13	0.024	0.02	0.180	0.01	0.005

04-Mar-19	55	0.005	0.001	0.60	0.018	0.02	0.113	0.01	0.005
10-Mar-19	36	0.005	0.001	0.26	0.010	0.02	0.058	0.01	0.005
16-Mar-19	41	0.005	0.001	0.35	0.004	0.02	0.061	0.01	0.005
22-Mar-19	92	0.005	0.003	1.09	0.030	0.02	0.217	0.01	0.005
28-Mar-19	110	0.005	0.005	1.26	0.046	0.02	0.204	0.01	0.005
03-Apr-19	149	0.005	0.008	1.72	0.020	0.38	0.006	0.02	0.011
09-Apr-19	43	0.005	0.002	0.80	0.040	0.12	0.002	0.01	0.005
15-Apr-19	49	0.005	0.001	0.52	0.019	0.08	0.001	0.01	0.005
21-Apr-19	49	0.005	0.002	0.83	0.067	0.09	0.001	0.01	0.005
27-Apr-19	41	0.005	0.003	0.59	0.020	0.17	0.001	0.01	0.005
03-May-19	73	0.005	0.008	2.66	0.088	0.02	0.394	0.01	0.006
09-May-19	77	0.005	0.030	4.17	0.094	0.02	1.905	0.01	0.006
15-May-19	91	0.005	0.005	1.21	0.034	0.02	0.248	0.01	0.005
21-May-19	82	0.005	0.022	1.83	0.046	0.02	0.321	0.01	0.005
27-May-19	146	0.005	0.071	3.87	0.071	0.02	0.712	0.01	0.011
02-Jun-19	52	0.005	0.006	0.71	0.021	0.02	0.161	0.01	0.005
08-Jun-19	78	0.005	0.016	1.90	0.071	0.02	0.622	0.01	0.006
14-Jun-19	72	0.005	0.013	1.27	0.020	0.02	0.187	0.01	0.005
20-Jun-19	88	0.005	0.026	3.52	0.140	0.02	0.791	0.01	0.010
26-Jun-19	81	0.005	0.007	1.16	0.032	0.02	0.142	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-19	89	0.005	0.017	2.57	0.124	0.02	0.821	0.01	0.005
08-Jul-19	140	0.005	0.031	5.07	0.134	0.02	0.788	0.01	0.011
14-Jul-19	68	0.005	0.006	1.35	0.040	0.02	0.139	0.01	0.005
20-Jul-19	49	0.005	0.007	0.78	0.027	0.02	0.114	0.01	0.005
26-Jul-19	100	0.005	0.007	1.43	0.034	0.02	0.161	0.01	0.005
01-Aug-19	82	0.005	0.021	2.48	0.052	0.02	6.068	0.01	0.005
07-Aug-19	151	0.005	0.010	1.34	0.049	0.02	0.296	0.01	0.007
13-Aug-19	107	0.005	0.019	1.84	0.039	0.02	0.397	0.01	0.005
19-Aug-19	109	0.005	0.010	1.70	0.026	0.02	0.217	0.01	0.006
25-Aug-19	64	0.005	0.009	1.44	0.052	0.02	0.189	0.01	0.005
31-Aug-19	63	0.005	0.007	1.32	0.064	0.02	0.121	0.01	0.005
06-Sep-19	67	0.005	0.021	1.33	0.079	0.02	0.568	0.01	0.005
12-Sep-19	60	0.005	0.011	1.26	0.030	0.02	1.501	0.01	0.005
18-Sep-19	87	0.005	0.018	2.36	0.082	0.02	0.471	0.01	0.005
24-Sep-19	51	0.005	0.003	0.62	0.034	0.02	0.052	0.01	0.005
30-Sep-19	59	0.005	0.027	1.62	0.043	0.02	1.664	0.01	0.005
06-Oct-19	36	0.005	0.003	0.49	0.049	0.02	0.211	0.01	0.005
12-Oct-19	39	0.005	0.005	1.09	0.054	0.02	0.461	0.01	0.005
18-Oct-19	79	0.005	0.008	1.34	0.040	0.02	0.318	0.01	0.005
24-Oct-19	41	0.005	0.003	0.66	0.037	0.02	0.092	0.01	0.005
30-Oct-19	22	0.005	0.003	0.46	0.039	0.02	0.218	0.01	0.005
05-Nov-19	33	0.005	0.003	0.56	0.023	0.02	0.070	0.01	0.005
11-Nov-19	20	0.005	0.003	0.65	0.012	0.02	0.609	0.01	0.005
17-Nov-19	42	0.005	0.004	0.78	0.070	0.02	0.065	0.01	0.005
23-Nov-19	59	0.005	0.004	0.96	0.066	0.02	0.142	0.01	0.005
29-Nov-19	131	0.005	0.011	1.99	0.064	0.02	1.273	0.01	0.005
05-Dec-19	37	0.005	0.002	0.57	0.013	0.02	0.124	0.01	0.005
11-Dec-19	60	0.005	0.002	0.67	0.017	0.02	0.094	0.01	0.005
17-Dec-19	39	0.005	0.003	0.53	0.027	0.02	0.056	0.01	0.005
23-Dec-19	36	0.005	0.002	0.36	0.019	0.02	0.092	0.01	0.005
29-Dec-19	32	0.005	0.001	0.31	0.039	0.02	0.030	0.01	0.005

Geo Mean	56	0.005	0.005	0.96	0.035	0.02	0.136	0.01	0.005
Max	151	0.005	0.071	5.07	0.140	0.38	6.068	0.02	0.011
Min	19	0.005	0.001	0.24	0.004	0.02	0.001	0.01	0.005
AAQC	120	0.025	0.5	25.0	50	0.5	0.4	0.2	2
No. > AAQC	5	0	0	0	0	0	14	0	0
URT	n/a	0.25	5	n/a	n/a	2	4	2	n/a
No. > URT	n/a	0	0	n/a	n/a	0	1	0	n/a
Sampling Dates	61	61	61	61	61	61	61	61	61
Valid Samples	61	61	61	61	61	61	61	61	61
% Valid Data	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0