Hamilton Air Monitoring Network - TSP Report

Station : STN29102
Location : Beach Blvd, 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									
06-Jan-23	57	0.005	0.008	2.05	0.002	0.02	0.134	0.01	0.007
12-Jan-23	10	0.005	0.001	0.07	0.002	0.02	0.005	0.01	0.005
18-Jan-23	46	0.005	0.006	1.60	0.002	0.02	0.081	0.01	0.006
24-Jan-23	70	0.005	0.006	1.89	0.002	0.02	0.108	0.01	0.006
30-Jan-23	45	0.005	0.001	0.84	0.002	0.02	0.049	0.01	0.005
05-Feb-23	35	0.005	0.005	0.63	0.013	0.02	0.044	0.01	0.005
11-Feb-23	46	0.005	0.009	1.51	0.012	0.02	0.098	0.01	0.005
17-Feb-23	20	0.005	0.001	0.31	0.010	0.02	0.022	0.01	0.005
23-Feb-23	19	0.005	0.002	2.35	0.007	0.02	0.019	0.01	0.005
01-Mar-23	20	0.005	0.006	0.10	0.018	0.02	0.024	0.01	0.005
07-Mar-23	23	0.005	0.002	0.35	0.009	0.02	0.024	0.01	0.005
13-Mar-23	29	0.005	0.004	0.33	0.021	0.02	0.034	0.01	0.005
19-Mar-23	79	0.005	0.020	4.10	0.012	0.02	0.206	0.01	0.011
25-Mar-23	13	0.005	0.002	0.50	0.006	0.02	0.034	0.01	0.005
31-Mar-23	89	0.005	0.001	0.35	0.019	0.02	0.030	0.01	0.005
06-Apr-23	86	0.005	0.020	3.32	0.024	0.02	0.252	0.01	0.010
12-Apr-23	201	0.005	0.051	9.38	0.039	0.02	0.530	0.01	0.030
18-Apr-23	53	0.005	0.014	2.92	0.020	0.02	0.236	0.01	0.010
24-Apr-23	52	0.005	0.009	1.44	0.029	0.02	0.087	0.01	0.005
30-Apr-23	36	0.005	0.006	0.44	0.051	0.02	0.069	0.01	0.010
06-May-23	43	0.005	0.005	1.20	0.087	0.02	0.057	0.01	0.005
12-May-23	146	0.005	0.026	4.57	0.089	0.05	0.247	0.01	0.013
18-May-23	41	0.005	0.008	1.01	0.066	0.02	0.065	0.01	0.005
24-May-23	65	0.005	0.010	1.94	0.096	0.02	0.087	0.01	0.005
30-May-23	35	0.005	0.001	0.29	0.082	0.02	0.011	0.01	0.005
05-Jun-23	112	0.0050	0.012	2.52	0.069	0.02	0.126	0.01	0.010
11-Jun-23	68	0.0050	0.009	1.44	0.063	0.02	0.077	0.01	0.005
17-Jun-23	59	0.0050	0.003	0.44	0.059	0.02	0.025	0.01	0.005
23-Jun-23	11	0.0050	0.002	0.12	0.056	0.02	0.010	0.01	0.005
29-Jun-23	52	0.0050	0.006	0.84	0.077	0.02	0.055	0.01	0.005
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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-Jul-23	106	0.005	0.011	2.25	0.066	0.02	0.092	0.01	0.006
11-Jul-23	133	0.002	0.028	4.60	0.059	0.02	0.355	0.00	0.017
17-Jul-23	130	0.000	0.011	1.87	0.042	0.01	0.127	0.00	0.006
23-Jul-23	50	0.000	0.014	1.42	0.089	0.01	0.130	0.00	0.007
29-Jul-23	39	0.005	0.008	0.71	0.057	0.02	0.045	0.01	0.005
04-Aug-23	55	0.005	0.007	0.96	0.076	0.02	0.039	0.01	0.005
10-Aug-23	53	0.005	0.009	1.73	0.054	0.02	0.083	0.01	0.005
16-Aug-23	62	0.005	0.001	0.41	0.041	0.02	0.020	0.01	0.005
22-Aug-23	29	0.005	0.002	0.38	0.043	0.02	0.019	0.01	0.005
28-Aug-23	26	0.005	0.005	0.86	0.087	0.02	0.028	0.01	0.005
03-Sep-23	80	0.005	0.022	4.40	0.097	0.02	0.176	0.01	0.010
09-Sep-23	7	0.005	0.005	0.32	0.079	0.02	0.015	0.01	0.005
15-Sep-23	47	0.005	0.012	2.02	0.058	0.02	0.095	0.01	0.005
21-Sep-23	37	0.005	0.011	1.79	0.064	0.02	0.067	0.01	0.005
27-Sep-23	13	0.005	0.006	0.36	0.016	0.02	0.018	0.01	0.005
03-Oct-23	122	0.005	0.022	5.61	0.069	0.02	0.245	0.01	0.012
09-Oct-23	77	0.005	0.029	4.82	0.027	0.02	0.245	0.01	0.013
15-Oct-23	7	0.005	0.002	0.37	0.032	0.02	0.023	0.01	0.005
21-Oct-23	22	0.005	0.005	0.80	0.014	0.02	0.037	0.01	0.005
27-Oct-23	64	0.005	0.015	2.71	0.027	0.02	0.138	0.01	0.006
02-Nov-23	70	0.005	0.014	1.98	0.024	0.02	0.123	0.01	0.006
08-Nov-23	6	0.005	0.002	0.16	0.006	0.02	0.009	0.01	0.005
14-Nov-23	46	0.005	0.007	0.99	0.018	0.02	0.057	0.01	0.005
20-Nov-23	15	0.005	0.001	0.14	0.006	0.02	0.011	0.01	0.005
26-Nov-23	41	0.005	0.010	1.19	0.040	0.02	0.088	0.01	0.005
02-Dec-23	22	0.005	0.014	0.69	0.025	0.02	0.050	0.01	0.005
08-Dec-23	26	0.005	0.009	0.76	0.036	0.02	0.050	0.01	0.005
14-Dec-23	98	0.005	0.030	4.25	0.022	0.02	0.322	0.01	0.015
20-Dec-23	58	0.005	0.018	2.43	0.020	0.02	0.150	0.01	0.007
26-Dec-23	11	0.005	0.002	0.11	0.014	0.02	0.009	0.01	0.005
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Arith Mean	54	0.005	0.010	1.67	0.039	0.02	0.095	0.01	0.007
Geo Mean	41	0.004	0.006	0.98	0.026	0.02	0.058	0.01	0.006
Max	201	0.005	0.051	9.38	0.097	0.05	0.530	0.01	0.030
Min	6	0.000	0.001	0.07	0.002	0.01	0.005	0.00	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	1	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	0	0	n/a
Sampling Dates	30	30	30	30	30	30	30	30	30
Valid Samples	30	30	30	30	30	30	30	30	30
% Valid Data	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0