HAMN
HAMILTON AIR MONITORING NETWORK

Hamilton Air Monitoring Network - PAH Report

STN29547 - PAH - Pier 25, Hamilton

PAH Parameter	05-Jan-22	17-Jan-22	29-Jan-22	10-Feb-22	22-Feb-22	06-Mar-22	18-Mar-22	30-Mar-22	11-Apr-22	23-Apr-22	05-May-22	17-May-22	29-May-22	10-Jun-22	22-Jun-22
BENZO(A)ANTHRACENE	0.10	1.58	0.87	2.90	0.28	3.75	0.77	0.07	0.21	0.04	0.17	0.96	0.20	3.77	2.27
CHRYSENE	0.15	2.34	1.92	4.29	0.47	4.77	1.34	0.16	0.43	0.09	0.31	1.28	0.29	4.50	2.72
BENZO(B)FLUORANTHENE	0.11	2.03	1.63	4.59	0.50	4.64	2.02	0.13	0.37	0.07	0.30	1.38	0.34	5.62	3.87
BENZO(K)FLUORANTHENE	0.06	0.92	0.57	1.65	0.20	3.96	0.81	0.04	0.15	0.05	0.09	0.71	0.17	2.58	1.65
BENZO(A)PYRENE (B[a]P)	0.14	**1.77**	0.73	**2.78**	0.28	**4.59**	0.80	0.07	0.13	0.03	0.11	0.72	0.25	**4.45**	**3.42**
INDENO(123CD)PYRENE	0.06	1.37	0.99	2.84	0.34	3.76	1.05	0.07	0.18	0.05	0.08	0.86	0.25	3.83	3.34
DIBENZO(A,H)ANTHRACENE	0.05	0.16	0.15	0.45	0.06	0.48	0.16	0.05	0.05	0.05	0.05	0.14	0.05	0.59	0.51
BENZO(GHI)PERYLENE	0.05	1.17	0.77	2.22	0.29	2.90	0.63	0.07	0.13	0.05	0.07	0.77	0.24	3.09	2.84

PAH Parameter	04-Jul-22	16-Jul-22	28-Jul-22	09-Aug-22	21-Aug-22	02-Sep-22	14-Sep-22	26-Sep-22	08-Oct-22	20-Oct-22	01-Nov-22	13-Nov-22	25-Nov-22	07-Dec-22	19-Dec-22	31-Dec-22	Ave	Max	Min
BENZO(A)ANTHRACENE	2.29	0.63	2.44	0.38	0.10	0.84	1.58	0.08	4.47	0.11	2.15	0.80	4.70	0.54	3.79	1.54	1.43	4.70	0.04
CHRYSENE	3.54	0.96	4.04	0.46	0.18	1.27	1.66	0.13	5.62	0.16	3.46	1.74	5.35	0.78	4.59	2.20	1.97	5.62	0.09
BENZO(B)FLUORANTHENE	5.46	1.13	5.28	0.50	0.21	2.05	2.10	0.14	7.27	0.31	3.68	1.80	5.61	0.58	3.17	1.77	2.21	7.27	0.07
BENZO(K)FLUORANTHENE	2.60	0.53	2.35	0.26	0.11	1.02	1.10	0.06	3.83	0.16	1.53	0.74	2.80	0.32	1.90	1.00	1.09	3.96	0.04
BENZO(A)PYRENE (B[a]P)	**3.02**	0.69	**2.29**	0.41	0.11	**1.22**	**1.85**	0.09	**5.26**	0.15	**2.00**	0.71	**4.10**	0.34	**2.40**	**1.27**	1.49	5.26	0.03
INDENO(123CD)PYRENE	3.72	0.74	3.33	0.41	0.15	1.60	1.81	0.09	4.27	0.16	2.22	1.01	3.75	0.43	2.33	1.23	1.49	4.27	0.05
DIBENZO(A,H)ANTHRACENE	0.53	0.15	0.51	0.07	0.05	0.26	0.31	0.05	0.81	0.03	0.47	0.20	0.80	0.09	0.45	0.25	0.26	0.81	0.03
BENZO(GHI)PERYLENE	2.91	0.62	2.88	0.40	0.14	1.24	1.64	0.11	3.57	0.11	2.23	0.97	3.65	0.42	2.45	1.26	1.29	3.65	0.05

Measurement units	: ng/m³
Minimum detection limit (MDL)	: 0.1 ng/m³
Reported values < 0.1 ng/m³	: Target compound meets identification criteria but is < MDL
Reported '0.00' values	: Analyte not detected
B[a]P 24 Hour AAQC	: 0.05 ng/m³
B[a]P 24 Hour Reference Level	: 1.10 ng/m³
B[a]P O.Reg 419/05 URT 24 Hour Objective	: 5.00 ng/m³
B[a]P AAQC Annual arithmetic mean	: 0.01 ng/m³

Number of Sample Dates	31
Number of Valid Samples	31
Percent Valid Data (%)	100.0
Maximum 24 Hr B[a]P	5.26
Number of Samples > 24 Hour B[a]P AAQC	**30**
Number of Samples > B[a]P Ref. Level	**14**
Number of Samples > B[a]P URT	**1**
Annual B[a]P Arithmetic Mean	1.49

Note: " --- " indicates invalid sample