



Hamilton Air Monitoring Network - PAH Report

STN29547 - PAH - Pier 25, Hamilton

PAH Parameter	10-Jan-21	22-Jan-21	03-Feb-21	15-Feb-21	27-Feb-21	11-Mar-21	23-Mar-21	04-Apr-21	16-Apr-21	28-Apr-21	10-May-21	22-May-21	03-Jun-21	15-Jun-21	27-Jun-21
BENZO(A)ANTHRACENE	3.40	6.68	3.08	Sample Invalid	0.58	1.93	0.62	0.19	1.90	0.07	3.33	5.74	0.08	0.33	0.05
CHRYSENE	3.31	8.42	3.83		0.92	2.92	0.92	0.26	2.84	0.16	4.14	6.92	0.20	0.39	0.05
BENZO(B)FLUORANTHENE	3.30	8.08	3.71		0.80	2.50	0.87	0.21	3.05	0.11	4.06	7.49	0.17	0.40	0.04
BENZO(K)FLUORANTHENE	2.70	2.71	1.24		0.34	1.09	0.43	0.10	1.44	0.06	2.08	3.65	0.07	0.20	0.05
BENZO(A)PYRENE (B[a]P)	2.15	5.16	2.34		0.56	1.60	0.48	0.16	1.70	0.06	2.53	5.66	0.07	0.31	0.05
INDENO(123CD)PYRENE	1.48	3.68	1.63		0.47	1.45	0.51	0.16	1.99	0.07	2.43	5.48	0.13	0.32	0.03
DIBENZO(A,H)ANTHRACENE	0.26	0.66	0.38		0.12	0.22	0.13	0.03	0.30	0.05	0.38	1.28	0.05	0.07	0.05
BENZO(GHI)PERYLENE	1.22	2.53	1.15		0.43	1.09	0.41	0.12	1.73	0.07	1.95	4.38	0.12	0.25	0.05

PAH Parameter	09-Jul-21	21-Jul-21	02-Aug-21	14-Aug-21	26-Aug-21	07-Sep-21	19-Sep-21	01-Oct-21	13-Oct-21	25-Oct-21	06-Nov-21	18-Nov-21	30-Nov-21	12-Dec-21	24-Dec-21	Ave	Max	Min
BENZO(A)ANTHRACENE	0.05	0.04	1.59	0.13	0.29	1.02	0.05									1.48	6.68	0.04
CHRYSENE	0.10	0.05	2.14	0.17	0.47	1.41	0.06									1.89	8.42	0.05
BENZO(B)FLUORANTHENE	0.16	0.04	2.93	0.17	0.65	2.05	0.05									1.95	8.08	0.04
BENZO(K)FLUORANTHENE	0.07	0.05	1.40	0.11	0.38	1.02	0.05									0.92	3.65	0.05
BENZO(A)PYRENE (B[a]P)	0.07	0.05	1.91	0.19	0.56	1.32	0.05									1.28	5.66	0.05
INDENO(123CD)PYRENE	0.12	0.05	2.33	0.17	0.65	1.77	0.05									1.19	5.48	0.03
DIBENZO(A,H)ANTHRACENE	0.05	0.05	0.35	0.03	0.11	0.29	0.05									0.23	1.28	0.03
BENZO(GHI)PERYLENE	0.10	0.05	1.96	0.15	0.57	1.63	0.05									0.95	4.38	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

Note: " --- " indicates invalid sample

Number of Sample Dates	22
Number of Valid Samples	21
Percent Valid Data (%)	95.5
Maximum 24 Hr B[a]P	5.66
Number of Samples > 24 Hour B[a]P AAQC	0
Number of Samples > B[a]P Ref. Level	0
Number of Samples > B[a]P URT	0
Annual B[a]P Arithmetic Mean	1.28