



Hamilton Air Monitoring Network - PAH Report

STN29547 - PAH - Pier 25, Hamilton

PAH Parameter	04-Jan-13	16-Jan-13	28-Jan-13	09-Feb-13	21-Feb-13	05-Mar-13	17-Mar-13	29-Mar-13	10-Apr-13	22-Apr-13	04-May-13	16-May-13	28-May-13	09-Jun-13	21-Jun-13	03-Jul-13
BENZO(A)ANTHRACENE	0.98	0.83	0.09	1.10	0.94	2.00	1.40	7.00	0.01	0.14	0.13	1.60	0.06	2.80	0.11	0.04
CHRYSENE	1.80	1.40	0.16	2.80	2.10	3.50	2.70	8.80	0.03	0.20	0.15	3.20	0.06	3.30	0.28	0.10
BENZO(B)FLUORANTHENE	1.50	1.00	0.12	2.40	2.10	3.50	2.30	10.00	0.09	0.26	0.29	4.60	0.14	3.60	0.27	0.09
BENZO(K)FLUORANTHENE	1.20	0.94	0.08	1.50	1.30	2.80	1.90	7.90	0.04	0.17	0.12	2.90	0.03	3.20	0.23	0.06
BENZO(A)PYRENE (B[a]P)	0.96	0.68	0.06	1.40	1.10	1.90	1.50	8.90	0.00	0.22	0.21	2.20	0.10	3.40	0.20	0.07
INDENO(123CD)PYRENE	0.89	0.68	0.08	1.20	0.97	1.80	1.10	5.30	0.00	0.20	0.21	2.40	0.13	2.70	0.10	0.06
DIBENZO(A,H)ANTHRACENE	0.26	0.21	0.03	0.35	0.32	0.57	0.38	1.60	0.10	0.13	0.14	0.98	0.10	0.63	0.09	0.04
BENZO(GHI)PERYLENE	0.78	0.61	0.08	1.36	1.10	2.00	1.10	5.20	0.00	0.18	0.06	2.20	0.09	1.90	0.15	0.02

PAH Parameter	15-Jul-13	27-Jul-13	#####	#####	01-Sep-13	13-Sep-13	25-Sep-13	07-Oct-13	19-Oct-13	31-Oct-13	12-Nov-13	24-Nov-13	06-Dec-13	18-Dec-13	30-Dec-13		Ave	Max	Min
BENZO(A)ANTHRACENE	1.50	0.05	0.13	2.20	0.12	0.05	0.13	0.91	2.50	0.49	0.66	0.94	2.30	1.10	0.38		1.05	7.00	0.01
CHRYSENE	2.20	0.12	0.20	2.60	0.11	0.09	0.23	1.50	2.70	0.72	1.00	1.70	3.00	2.30	0.58		1.60	8.80	0.03
BENZO(B)FLUORANTHENE	2.60	0.08	0.31	3.90	0.12	0.05	0.27	1.60	2.50	0.46	1.00	1.40	3.00	2.00	0.44		1.68	10.00	0.05
BENZO(K)FLUORANTHENE	2.10	0.10	0.24	3.00	0.12	0.04	0.25	1.50	2.60	0.41	0.77	1.20	2.50	1.60	0.42		1.33	7.90	0.03
BENZO(A)PYRENE (B[a]P)	2.20	0.08	0.25	3.20	0.17	0.04	0.13	0.95	2.30	0.42	0.67	0.89	2.40	1.00	0.33		1.22	8.90	0.00
INDENO(123CD)PYRENE	2.00	0.06	0.24	3.50	0.14	0.03	0.05	0.26	0.50	0.07	0.14	0.22	0.53	0.26	0.08		0.84	5.30	0.00
DIBENZO(A,H)ANTHRACENE	0.47	0.03	0.08	0.82	0.20	0.01	0.14	0.88	1.50	0.23	0.60	0.78	1.60	1.00	0.25		0.47	1.60	0.01
BENZO(GHI)PERYLENE	1.60	0.03	0.16	2.90	0.00	0.03	0.16	0.96	1.60	0.27	0.66	0.83	1.60	1.10	0.30		0.94	5.20	0.00

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 AAQC 24 Hour Objective : 1.10 ng/m³
 B[a]P AAQC Annual arithmetic mean : 0.22 ng/m³
 B[a]P O.Reg 419/05 URT 24 Hour Objective : 5.00 ng/m³

Number of Valid Samples	31
Number of Samples > B[a]P AAQC	10
Annual B[a]P Arithmetic Mean	1.22
Number of Samples > B[a]P URT	1