



## Hamilton Air Monitoring Network - PAH Report

### STN29547 - PAH - Pier 25, Hamilton

PAH Parameter	07-Jan-10	20-Jan-10	01-Feb-10	13-Feb-10	25-Feb-10	09-Mar-10	21-Mar-10	02-Apr-10	14-Apr-10	26-Apr-10	08-May-10	20-May-10	01-Jun-10	14-Jun-10	25-Jun-10	07-Jul-10
BENZO(A)ANTHRACENE	1.00	0.06	3.20	4.50	0.14	2.30	9.60	0.53	0.40	0.05	0.81	1.50	0.74	0.76	0.80	0.53
CHRYSENE	1.70	0.15	6.00	6.70	0.32	3.50	10.30	0.85	0.58	0.16	1.30	2.00	1.60	1.00	1.20	0.80
BENZO(B)FLUORANTHENE	1.80	0.12	4.80	6.20	0.38	3.00	10.30	0.88	0.38	0.14	1.60	3.30	2.40	1.70	1.50	1.20
BENZO(K)FLUORANTHENE	1.10	0.10	3.10	4.10	0.24	2.50	7.20	0.69	0.32	0.09	1.00	2.80	1.90	1.40	1.10	0.83
BENZO(A)PYRENE	0.90	0.05	2.10	3.80	0.14	1.80	8.10	0.69	0.24	0.07	0.81	2.10	0.93	0.92	1.10	0.66
INDENO(123CD)PYRENE	0.82	0.09	2.00	3.00	0.22	1.80	5.60	0.58	0.26	0.08	0.85	3.00	1.20	1.20	0.81	0.59
DIBENZO(A,H)ANTHRACENE	0.34	0.03	0.55	0.65	0.06	0.39	1.60	0.13	0.05	0.02	0.19	0.63	0.36	0.29	0.23	0.20
BENZO(GHI)PERYLENE	0.92	0.10	2.00	3.10	0.18	1.50	5.60	0.52	0.25	0.09	0.70	2.50	1.40	1.30	0.94	0.66

PAH Parameter	19-Jul-10	31-Jul-10	12-Aug-10	24-Aug-10	05-Sep-10	17-Sep-10	29-Sep-10	11-Oct-10	23-Oct-10	04-Nov-10	16-Nov-10	28-Nov-10	10-Dec-10	22-Dec-10				Ave	Max	Min
BENZO(A)ANTHRACENE	0.72	0.06	0.09	0.07	1.50	0.89	3.30	2.90	1.30	0.89	1.40	---	2.40	0.10				1.47	9.60	0.05
CHRYSENE	0.83	0.14	0.16	0.18	2.30	1.20	4.20	3.40	2.40	1.50	2.00	---	3.60	0.18				2.08	10.30	0.14
BENZO(B)FLUORANTHENE	1.10	0.12	0.13	0.06	3.00	1.20	5.80	5.80	2.70	0.91	1.30	---	2.70	0.14				2.23	10.30	0.06
BENZO(K)FLUORANTHENE	0.86	0.10	0.11	0.07	2.30	0.85	3.00	4.20	2.00	0.73	1.20	---	2.00	0.12				1.59	7.20	0.07
BENZO(A)PYRENE	0.87	0.08	0.08	0.05	1.90	1.20	3.50	3.50	1.30	0.39	0.97	---	2.30	0.09				1.40	8.10	0.05
INDENO(123CD)PYRENE	0.62	0.10	0.09	0.10	1.80	1.00	2.90	2.60	1.20	0.34	0.61	---	1.50	0.08				1.21	5.60	0.08
DIBENZO(A,H)ANTHRACENE	0.26	0.03	0.04	0.05	0.39	0.22	0.81	1.00	0.29	0.14	0.20	---	0.42	0.03				0.33	1.60	0.02
BENZO(GHI)PERYLENE	0.64	0.10	0.09	0.00	1.40	0.86	3.30	2.90	1.30	0.38	0.76	---	1.80	0.10				1.22	5.60	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  
 AAQC 24 Hour Objective : 1.1 ng/m3 [BaP]  
 AAQC Annual arithmetic mean : 0.22 ng/m3 [BaP]

Number of Valid Samples	29
Number of Samples > B[a]P AAQC	11
Annual Arithmetic Mean	1.40