



Hamilton Air Monitoring Network - PAH Report

STN29113 - PAH - Gertrude / Depew, Hamilton

PAH Parameter	08-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	13-Jun-10	25-Jun-10	07-Jul-10
BENZO(A)ANTHRACENE	0.28	1.60	0.13	0.34	0.11	7.30	3.70	2.50	4.20	2.20	1.10	0.28	0.22	0.80	0.08	0.07
CHRYSENE	0.40	2.00	0.38	0.75	0.31	9.20	5.80	4.30	5.70	3.80	1.50	0.48	0.38	1.10	0.13	0.12
BENZO(B)FLUORANTHENE	0.40	2.30	0.31	0.68	0.32	7.60	6.40	4.60	3.60	3.10	1.90	0.56	0.36	1.90	0.15	0.11
BENZO(K)FLUORANTHENE	0.28	1.40	0.19	0.46	0.18	6.20	4.20	3.80	3.20	2.40	1.30	0.40	0.35	1.60	0.10	0.10
BENZO(A)PYRENE	0.28	1.80	0.11	0.34	0.14	4.80	3.20	2.60	2.50	1.60	1.10	0.34	0.24	0.88	0.10	0.09
INDENO(123CD)PYRENE	0.24	1.60	0.15	0.32	0.20	4.40	2.80	2.60	2.00	1.40	1.00	0.38	0.22	1.10	0.08	0.06
DIBENZO(A,H)ANTHRACENE	0.13	0.30	0.03	0.09	0.05	1.10	0.82	0.67	0.46	0.39	0.25	0.09	0.07	0.36	0.03	0.03
BENZO(GHI)PERYLENE	0.28	1.40	0.16	0.34	0.16	3.80	2.80	2.40	1.80	1.10	0.89	0.34	0.24	1.30	0.11	0.07

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	0.28	6.20	1.80	2.50	0.04	0.43	0.26	0.58	0.90	2.80	2.20	---	0.32	0.59			1.51	7.30	0.04
CHRYSENE	0.43	10.80	2.50	4.40	0.09	0.79	0.39	0.84	1.80	4.50	2.90	---	0.55	0.91			2.32	10.80	0.09
BENZO(B)FLUORANTHENE	0.33	16.00	5.40	3.20	0.13	0.91	0.47	0.81	2.20	2.60	2.50	---	0.59	0.66			2.42	16.00	0.11
BENZO(K)FLUORANTHENE	0.23	11.00	3.00	2.40	0.10	0.71	0.30	0.59	1.70	2.20	2.10	---	0.50	0.69			1.78	11.00	0.10
BENZO(A)PYRENE	0.23	9.50	3.30	1.50	0.07	0.54	0.33	0.43	1.00	1.80	2.00	---	0.37	0.48			1.44	9.50	0.07
INDENO(123CD)PYRENE	0.13	11.10	4.70	1.00	0.11	0.63	0.25	0.34	1.10	1.20	1.40	---	0.31	0.38			1.42	11.10	0.06
DIBENZO(A,H)ANTHRACENE	0.05	2.70	1.10	0.22	0.03	0.15	0.08	0.12	0.25	0.39	0.43	---	0.09	0.12			0.37	2.70	0.03
BENZO(GHI)PERYLENE	0.15	9.20	3.60	0.49	0.09	0.59	0.31	0.40	1.20	1.40	1.60	---	0.35	0.43			1.28	9.20	0.07

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	6
Annual Arithmetic Mean	1.44