

Impact Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station AM1A (Fan Sin Temple, 3 Sheung Wun Yiu G/F)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
4-Jun-10	Sunny	24.7	1010.1	1.34	1.34	1.34	1933.92	2.7985	2.9139	0.1154	14781.9	14805.9	24.0	59.7
10-Jun-10	Cloudy	25.4	1008.5	1.34	1.34	1.34	1933.92	2.821	2.8707	0.0497	14805.9	14829.9	24.0	25.7
15-Jun-10	Sunny	29.3	1006.4	1.34	1.34	1.34	1933.92	2.8419	2.884	0.0421	14829.9	14853.9	24.0	21.8
22-Jun-10	Sunny	29.3	1008.6	1.34	1.34	1.34	1933.92	2.8419	2.8747	0.0328	14853.9	14877.9	24.0	17.0
28-Jun-10	Sunny	25.5	1007.3	1.34	1.34	1.34	1933.92	2.8716	2.9062	0.0346	14877.86	14901.86	24.00	17.9

24-hour TSP Monitoring Results at Station AM2 (12 Shan Tong New Village G/F)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
4-Jun-10	Sunny	24.7	1010.1	1.35	1.35	1.35	1938.24	2.8191	2.8584	0.0393	11430.17	11454.17	24.00	20.3
10-Jun-10	Cloudy	25.4	1008.5	1.35	1.35	1.35	1938.24	2.8492	2.8817	0.0325	11454.17	11478.17	24.00	16.8
15-Jun-10	Sunny	29.3	1006.4	1.35	1.35	1.35	1938.24	2.8313	2.8522	0.0209	11478.17	11502.17	24.00	10.8
22-Jun-10	Sunny	29.3	1008.6	1.35	1.35	1.35	1938.24	2.8416	2.9029	0.0613	11502.17	11526.17	24.00	31.6
28-Jun-10	Sunny	25.5	1007.3	1.35	1.35	1.35	1938.24	2.8246	2.9389	0.1143	11526.17	11550.17	24.00	59.0

24-hour TSP Monitoring Results at Station AM3 (Roof of Switch Room at Riverain Bayside)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
4-Jun-10	Sunny	24.7	1010.1	1.35	1.35	1.35	1941.12	2.855	3.0034	0.1484	15161.59	15185.59	24.00	76.5
10-Jun-10	Cloudy	25.4	1008.5	1.35	1.35	1.35	1941.12	2.7867	2.8399	0.0532	15185.59	15209.59	24.00	27.4
15-Jun-10	Sunny	29.3	1006.4	1.35	1.35	1.35	1941.12	2.8361	2.8921	0.0560	15209.59	15233.59	24.00	28.8
22-Jun-10	Sunny	29.3	1008.6	1.35	1.35	1.35	1941.12	2.8331	2.8686	0.0355	15233.59	15257.59	24.00	18.3
28-Jun-10	Sunny	25.5	1007.3	1.35	1.35	1.35	1941.12	2.8638	2.9178	0.0540	15257.59	15281.59	24.00	27.8

24-hour TSP Monitoring Results at Station AM4 (Roof of Tai Kwong Secondary School)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
4-Jun-10	Sunny	24.7	1010.1	1.34	1.34	1.34	1928.16	2.8170	2.9473	0.1303	11316.35	11340.35	24.00	67.6
10-Jun-10	Cloudy	25.4	1008.5	1.34	1.34	1.34	1928.16	2.8692	2.9139	0.0447	11340.35	11364.35	24.00	23.2
15-Jun-10	Sunny	29.3	1006.4	1.34	1.34	1.34	1928.16	2.8507	2.9013	0.0506	11364.35	11388.35	24.00	26.2
22-Jun-10	Sunny	29.3	1008.6	1.34	1.34	1.34	1928.16	2.8389	2.8742	0.0353	11388.35	11412.35	24.00	18.3
28-Jun-10	Sunny	25.5	1007.3	1.34	1.34	1.34	1928.16	2.8391	2.8773	0.0382	11412.35	11436.35	24.00	19.8