

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		
6-Mar-12	Fine	23.8	1008.5	1.33	1.33	1.33	1921.0	2.8874	2.9188	0.0314	17546.46	17570.46	24.00	16.3
12-Mar-12	Cloudy	12.6	1021.7	1.34	1.34	1.34	1933.9	2.923	2.9596	0.0366	17570.46	17594.46	24.00	18.9
17-Mar-12	Fine	22.3	1012.5	1.34	1.34	1.34	1933.9	2.8109	2.8522	0.0413	17594.46	17618.46	24.00	21.4
23-Mar-12	Sunny	20.9	1014.3	1.34	1.34	1.34	1933.9	2.8108	2.8549	0.0441	17618.46	17642.46	24.00	22.8
29-Mar-12	Sunny	22.3	1017.7	1.34	1.34	1.34	1933.9	2.8243	2.8946	0.0703	17642.46	17666.46	24.00	36.4

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		
6-Mar-12	Fine	23.8	1008.5	1.32	1.32	1.32	1905.1	2.9073	2.9431	0.0358	14119.12	14143.12	24.00	18.8
12-Mar-12	Cloudy	12.6	1021.7	1.35	1.35	1.35	1938.2	2.9319	2.9703	0.0384	14143.12	14167.12	24.00	19.8
17-Mar-12	Fine	22.3	1012.5	1.35	1.35	1.35	1938.2	2.8242	2.8747	0.0505	14167.12	14191.12	24.00	26.1
23-Mar-12	Sunny	20.9	1014.3	1.35	1.35	1.35	1938.2	2.8171	2.8726	0.0555	14191.12	14215.12	24.00	28.6
29-Mar-12	Sunny	22.3	1017.7	1.35	1.35	1.35	1938.2	2.8161	2.9189	0.1028	14215.12	14239.12	24.00	53.0

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		
6-Mar-12	Fine	23.8	1008.5	1.34	1.34	1.34	1923.8	2.9027	2.9449	0.0422	17850.59	17874.59	24.00	21.9
12-Mar-12	Cloudy	12.6	1021.7	1.35	1.35	1.35	1942.6	2.9244	2.9731	0.0487	17874.59	17898.59	24.00	25.1
17-Mar-12	Fine	22.3	1012.5	1.35	1.35	1.35	1942.6	2.8091	2.8630	0.0539	17898.59	17922.59	24.00	27.7
23-Mar-12	Sunny	20.9	1014.3	1.35	1.35	1.35	1942.6	2.8177	2.8705	0.0528	17922.59	17946.59	24.00	27.2
29-Mar-12	Sunny	22.3	1017.7	1.35	1.35	1.35	1941.1	2.8230	2.9015	0.0785	17946.59	17970.59	24.00	40.4

24-hour TSP Monitoring Results at Station AM4A (Roof of Switch Room at 168 Shek Kwu Lung Village)

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		
6-Mar-12	Fine	23.8	1008.5	1.34	1.34	1.34	1928.2	2.8985	2.9647	0.0662	13978.36	14002.36	24.00	34.3
12-Mar-12	Cloudy	12.6	1021.7	1.35	1.35	1.35	1941.1	2.9188	2.9974	0.0786	14002.36	14026.36	24.00	40.5
17-Mar-12	Fine	22.3	1012.5	1.35	1.35	1.35	1941.1	2.8092	2.8874	0.0782	14026.36	14050.36	24.00	40.3
23-Mar-12	Sunny	20.9	1014.3	1.35	1.35	1.35	1941.1	2.8076	2.8909	0.0833	14050.36	14074.36	24.00	42.9
29-Mar-12	Sunny	22.3	1017.7	1.35	1.35	1.35	1942.6	2.8184	2.9354	0.1170	14074.36	14098.36	24.00	60.2