

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-Oct-11	Cloudy	23.8	1011.5	1.34	1.34	1.34	1933.9	2.7813	2.8238	0.0425	16898.46	16922.46	24.00	22.0
10-Oct-11	Cloudy	26.4	1011.8	1.34	1.34	1.34	1933.9	2.7658	2.7965	0.0307	16922.46	16946.46	24.00	15.9
15-Oct-11	Sunny	25.1	1012.2	1.34	1.34	1.34	1933.9	2.7935	2.8320	0.0385	16946.46	16970.46	24.00	19.9
21-Oct-11	Sunny	24.8	1014.3	1.34	1.34	1.34	1933.9	2.7963	2.8761	0.0798	16970.46	16994.46	24.00	41.3
27-Oct-11	Sunny	23.3	1017.8	1.34	1.34	1.34	1933.9	2.7766	2.8406	0.0640	16994.46	17018.46	24.00	33.1

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-Oct-11	Cloudy	23.8	1011.5	1.35	1.35	1.35	1938.2	2.7863	2.8224	0.0361	13471.12	13495.12	24.00	18.6
10-Oct-11	Cloudy	26.4	1011.8	1.35	1.35	1.35	1938.2	2.7718	2.8019	0.0301	13495.12	13519.12	24.00	15.5
15-Oct-11	Sunny	25.1	1012.2	1.35	1.35	1.35	1938.2	2.7941	2.8635	0.0694	13519.12	13543.12	24.00	35.8
21-Oct-11	Sunny	24.8	1014.3	1.32	1.32	1.32	1895.0	2.8101	2.8659	0.0558	13543.12	13567.12	24.00	29.4
27-Oct-11	Sunny	23.3	1017.8	1.34	1.34	1.34	1931.0	2.7741	2.8034	0.0293	13567.12	13591.12	24.00	15.2

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-Oct-11	Cloudy	23.8	1011.5	1.35	1.35	1.35	1941.1	2.7757	2.8491	0.0734	17202.59	17226.59	24.00	37.8
10-Oct-11	Cloudy	26.4	1011.8	1.35	1.35	1.35	1941.1	2.7619	2.7991	0.0372	17226.59	17250.59	24.00	19.2
15-Oct-11	Sunny	25.1	1012.2	1.35	1.35	1.35	1941.1	2.7950	2.8395	0.0445	17250.59	17274.59	24.00	22.9
21-Oct-11	Sunny	24.8	1014.3	1.35	1.35	1.35	1941.1	2.7998	2.8686	0.0688	17274.59	17298.59	24.00	35.4
27-Oct-11	Sunny	23.3	1017.8	1.35	1.35	1.35	1941.1	2.7681	2.8342	0.0661	17298.59	17322.59	24.00	34.1

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		
4-Oct-11	Cloudy	23.8	1011.5	1.34	1.34	1.34	1933.9	2.7867	2.8384	0.0517	13330.36	13354.36	24.00	26.7
10-Oct-11	Cloudy	26.4	1011.8	1.34	1.34	1.34	1933.9	2.7749	2.8114	0.0365	13354.36	13378.36	24.00	18.9
15-Oct-11	Sunny	25.1	1012.2	1.34	1.34	1.34	1933.9	2.7902	2.8447	0.0545	13378.36	13402.36	24.00	28.2
21-Oct-11	Sunny	24.8	1014.3	1.34	1.34	1.34	1933.9	2.7884	2.8950	0.1066	13402.36	13426.36	24.00	55.1
27-Oct-11	Sunny	23.3	1017.8	1.34	1.34	1.34	1933.9	2.7605	2.8759	0.1154	13426.36	13450.36	24.00	59.7