

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-Sep-12	Fine	29.0	1013.1	1.33	1.33	1.33	1921.0	2.7265	2.7703	0.0438	18314.46	18338.46	24.00	22.8
12-Sep-12	Sunny	29.8	1009.1	1.33	1.33	1.33	1921.0	2.7969	2.8186	0.0217	18338.46	18362.46	24.00	11.3
18-Sep-12	Sunny	27.4	1010.1	1.33	1.33	1.33	1921.0	2.6953	2.7872	0.0919	18362.46	18386.46	24.00	47.8
24-Sep-12	Rainy	27.7	1007.4	1.33	1.33	1.33	1921.0	2.7379	2.7983	0.0604	18386.46	18410.46	24.00	31.4
29-Sep-12	Sunny	27.5	1011.3	1.33	1.33	1.33	1921.0	2.6910	2.8321	0.1411	18410.46	18434.46	24.00	73.5

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-Sep-12	Fine	29.0	1013.1	1.33	1.33	1.33	1915.2	2.862	2.8882	0.0262	14887.12	14911.12	24.00	13.7
12-Sep-12	Sunny	29.8	1009.1	1.33	1.33	1.33	1915.2	2.8066	2.8362	0.0296	14911.12	14935.12	24.00	15.5
18-Sep-12	Sunny	27.4	1010.1	1.33	1.33	1.33	1915.2	2.7725	2.7873	0.0148	14935.12	14959.12	24.00	7.7
24-Sep-12	Rainy	27.7	1007.4	1.33	1.33	1.33	1915.2	2.7109	2.7581	0.0472	14959.12	14983.12	24.00	24.6
29-Sep-12	Sunny	27.5	1011.3	1.33	1.33	1.33	1915.2	2.6924	2.7284	0.0360	14983.12	15007.12	24.00	18.8

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-Sep-12	Fine	29.0	1013.1	1.33	1.33	1.33	1916.6	2.7769	2.8217	0.0448	18618.59	18642.59	24.00	23.4
12-Sep-12	Sunny	29.8	1009.1	1.33	1.33	1.33	1916.6	2.8162	2.8402	0.0240	18642.59	18666.59	24.00	12.5
18-Sep-12	Sunny	27.4	1010.1	1.33	1.33	1.33	1916.6	2.7228	2.8244	0.1016	18666.59	18690.59	24.00	53.0
24-Sep-12	Rainy	27.7	1007.4	1.33	1.33	1.33	1916.6	2.7611	2.8235	0.0624	18690.59	18714.59	24.00	32.6
29-Sep-12	Sunny	27.5	1011.3	1.33	1.33	1.33	1916.6	2.7132	2.8402	0.1270	18714.59	18738.59	24.00	66.3

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-Sep-12	Fine	29.0	1013.1	1.34	1.34	1.34	1925.3	2.7755	2.8278	0.0523	14746.36	14770.36	24.00	27.2
12-Sep-12	Sunny	29.8	1009.1	1.34	1.34	1.34	1925.3	2.7958	2.8257	0.0299	14770.36	14794.36	24.00	15.5
18-Sep-12	Sunny	27.4	1010.1	1.34	1.34	1.34	1925.3	2.7201	2.8544	0.1343	14794.36	14818.36	24.00	69.8
24-Sep-12	Rainy	27.7	1007.4	1.34	1.34	1.34	1925.3	2.7670	2.8291	0.0621	14818.36	14842.36	24.00	32.3
29-Sep-12	Sunny	27.5	1011.3	1.34	1.34	1.34	1925.3	2.7133	2.8557	0.1424	14842.36	14866.36	24.00	74.0