

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-13	Rainy	26.3	1013.2	1.33	1.33	1.33	1916.6	2.9476	3.0169	0.0693	19851.46	19875.46	24.00	36.2
12-Sep-13	Sunny	28.5	1011.5	1.33	1.33	1.33	1916.6	3.6731	3.7189	0.0458	19875.46	19899.46	24.00	23.9
18-Sep-13	Fine	27.7	1008.3	1.33	1.33	1.33	1916.6	2.9659	3.0886	0.1227	19899.46	19923.46	24.00	64.0
23-Sep-13	Cloudy	27.9	998.9	1.33	1.33	1.33	1916.6	2.9436	3.0742	0.1306	19923.46	19947.46	24.00	68.1
27-Sep-13	Sunny	27.5	1012.3	1.33	1.33	1.33	1916.6	3.6821	3.7572	0.0751	19947.46	19971.46	24.00	39.2
													Average	46.3
													Min	23.9
													Max	68.1

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		
6-Sep-13	Rainy	26.3	1013.2	1.34	1.34	1.34	1925.3	3.6243	3.6681	0.0438	16423.12	16447.12	24.00	22.7
12-Sep-13	Sunny	28.5	1011.5	1.34	1.34	1.34	1925.3	3.6773	3.7007	0.0234	16447.12	16471.12	24.00	12.2
18-Sep-13	Fine	27.7	1008.3	1.34	1.34	1.34	1925.3	2.9663	3.0486	0.0823	16471.12	16495.12	24.00	42.7
23-Sep-13	Cloudy	27.9	998.9	1.34	1.34	1.34	1925.3	3.6964	3.7434	0.0470	16495.12	16519.12	24.00	24.4
27-Sep-13	Sunny	27.5	1012.3	1.34	1.34	1.34	1925.3	3.6794	3.7215	0.0421	16519.12	16543.12	24.00	21.9
													Average	24.8
													Min	12.2
													Max	42.7

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-13	Rainy	26.3	1013.2	1.33	1.33	1.33	1921.0	2.9548	3.0223	0.0675	20152.59	20176.59	24.00	35.1
12-Sep-13	Sunny	28.5	1011.5	1.33	1.33	1.33	1921.0	3.6692	3.6938	0.0246	20176.59	20200.59	24.00	12.8
18-Sep-13	Fine	27.7	1008.3	1.33	1.33	1.33	1921.0	2.9566	3.0348	0.0782	20200.59	20224.59	24.00	40.7
23-Sep-13	Cloudy	27.9	998.9	1.33	1.33	1.33	1921.0	3.6755	3.7310	0.0555	20224.59	20248.59	24.00	28.9
27-Sep-13	Sunny	27.5	1012.3	1.33	1.33	1.33	1921.0	3.6775	3.7177	0.0402	20248.59	20272.59	24.00	20.9
													Average	27.7
													Min	12.8
													Max	40.7

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-13	Rainy	26.3	1013.2	1.33	1.33	1.33	1918.1	2.9770	3.0316	0.0546	16282.36	16306.36	24.00	28.5
12-Sep-13	Sunny	28.5	1011.5	1.33	1.33	1.33	1918.1	3.6685	3.7029	0.0344	16306.36	16330.36	24.00	17.9
18-Sep-13	Fine	27.7	1008.3	1.33	1.33	1.33	1918.1	2.9543	3.0462	0.0919	16330.36	16354.36	24.00	47.9
23-Sep-13	Cloudy	27.9	998.9	1.33	1.33	1.33	1918.1	3.6700	3.7556	0.0856	16354.36	16378.36	24.00	44.6
27-Sep-13	Sunny	27.5	1012.3	1.33	1.33	1.33	1918.1	3.6790	3.7390	0.0600	16378.36	16402.36	24.00	31.3
													Average	34.0
													Min	17.9
													Max	47.9