

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)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
2-Aug-13	Rainy	26.5	1004.5	1.33	1.33	1.33	1916.6	3.6723	3.6931	0.0208	19707.46	19731.46	24.00	10.9
8-Aug-13	Fine	29.4	1010.8	1.33	1.33	1.33	1916.6	3.7165	3.742	0.0255	19731.46	19755.46	24.00	13.3
14-Aug-13	Rainy	26.6	999.3	1.33	1.33	1.33	1916.6	3.7233	3.7510	0.0277	19755.46	19779.46	24.00	14.5
20-Aug-13	Sunny	28.9	1000.7	1.33	1.33	1.33	1916.6	3.7210	3.7758	0.0548	19779.46	19803.46	24.00	28.6
26-Aug-13	Fine	28.8	1006.8	1.33	1.33	1.33	1916.6	3.6215	3.6729	0.0514	19803.46	19827.46	24.00	26.8
31-Aug-13	Rainy	26.4	1008.4	1.33	1.33	1.33	1916.6	3.6209	3.6541	0.0332	19827.46	19851.46	24.00	17.3

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

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
2-Aug-13	Rainy	26.5	1004.5	1.34	1.34	1.34	1925.3	3.6818	3.6903	0.0085	16279.12	16303.12	24.00	4.4
8-Aug-13	Fine	29.4	1010.8	1.34	1.34	1.34	1925.3	3.7425	3.7682	0.0257	16303.12	16327.12	24.00	13.3
14-Aug-13	Rainy	26.6	999.3	1.34	1.34	1.34	1925.3	3.7223	3.7443	0.0220	16327.12	16351.12	24.00	11.4
20-Aug-13	Sunny	28.9	1000.7	1.34	1.34	1.34	1925.3	3.7175	3.7586	0.0411	16351.12	16375.12	24.00	21.3
26-Aug-13	Fine	28.8	1006.8	1.34	1.34	1.34	1925.3	3.6265	3.6570	0.0305	16375.12	16399.12	24.00	15.8
31-Aug-13	Rainy	26.4	1008.4	1.34	1.34	1.34	1925.3	2.9874	3.0586	0.0712	16399.12	16423.12	24.00	37.0

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

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
2-Aug-13	Rainy	26.5	1004.5	1.34	1.34	1.34	1926.7	3.673	3.6992	0.0262	20008.59	20032.59	24.00	13.6
8-Aug-13	Fine	29.4	1010.8	1.33	1.33	1.33	1921.0	3.7295	3.7592	0.0297	20032.59	20056.59	24.00	15.5
14-Aug-13	Rainy	26.6	999.3	1.33	1.33	1.33	1921.0	3.7270	3.7576	0.0306	20056.59	20080.59	24.00	15.9
20-Aug-13	Sunny	28.9	1000.7	1.33	1.33	1.33	1921.0	3.7290	3.7973	0.0683	20080.59	20104.59	24.00	35.6
26-Aug-13	Fine	28.8	1006.8	1.33	1.33	1.33	1921.0	3.6199	3.6535	0.0336	20104.59	20128.59	24.00	17.5
31-Aug-13	Rainy	26.4	1008.4	1.33	1.33	1.33	1921.0	3.6204	3.6817	0.0613	20128.59	20152.59	24.00	31.9

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)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
2-Aug-13	Rainy	26.5	1004.5	1.33	1.33	1.33	1918.1	3.69	3.716	0.0260	16138.36	16162.36	24.00	13.6
8-Aug-13	Fine	29.4	1010.8	1.33	1.33	1.33	1918.1	3.7189	3.7534	0.0345	16162.36	16186.36	24.00	18.0
14-Aug-13	Rainy	26.6	999.3	1.33	1.33	1.33	1918.1	3.7355	3.7607	0.0252	16186.36	16210.36	24.00	13.1
20-Aug-13	Sunny	28.9	1000.7	1.33	1.33	1.33	1918.1	3.7225	3.7439	0.0214	16210.36	16234.36	24.00	11.2
26-Aug-13	Fine	28.8	1006.8	1.33	1.33	1.33	1918.1	3.6191	3.6724	0.0533	16234.36	16258.36	24.00	27.8
31-Aug-13	Rainy	26.4	1008.4	1.33	1.33	1.33	1918.1	3.6230	3.7098	0.0868	16258.36	16282.36	24.00	45.3