

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		
5-Jun-13	Cloudy	26.8	1011.1	1.33	1.33	1.33	1921.0	3.591	3.6278	0.0368	19466.46	19490.46	24.00	19.2
10-Jun-13	Rainy	28.6	1002.3	1.33	1.33	1.33	1921.0	3.5694	3.6235	0.0541	19490.46	19514.46	24.00	28.2
17-Jun-13	Rainy	27.5	1004.2	1.33	1.33	1.33	1921.0	3.6228	3.6533	0.0305	19514.46	19538.46	24.00	15.9
21-Jun-13	Rainy	29.6	1002.9	1.33	1.33	1.33	1921.0	3.6091	3.6282	0.0191	19538.46	19562.46	24.00	9.9
27-Jun-13	Cloudy	29.8	1006.3	1.33	1.33	1.33	1921.0	3.5381	3.5984	0.0603	19562.46	19586.46	24.00	31.4

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

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	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		
5-Jun-13	Cloudy	26.8	1011.1	1.33	1.33	1.33	1916.6	3.5857	3.6068	0.0211	16039.12	16063.12	24.00	11.0
10-Jun-13	Rainy	28.6	1002.3	1.33	1.33	1.33	1916.6	3.5793	3.5914	0.0121	16063.12	16087.12	24.00	6.3
17-Jun-13	Rainy	27.5	1004.2	1.33	1.33	1.33	1916.6	3.6134	3.6539	0.0405	16087.12	16111.12	24.00	21.1
21-Jun-13	Rainy	29.6	1002.9	1.33	1.33	1.33	1916.6	3.5412	3.5638	0.0226	16111.12	16135.12	24.00	11.8
27-Jun-13	Cloudy	29.8	1006.3	1.31	1.31	1.31	1890.7	3.6004	3.6135	0.0131	16135.12	16159.12	24.00	6.9

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		
5-Jun-13	Cloudy	26.8	1011.1	1.34	1.34	1.34	1926.7	3.583	3.6052	0.0222	19768.59	19792.59	24.00	11.5
10-Jun-13	Rainy	28.6	1002.3	1.34	1.34	1.34	1926.7	3.5814	3.6175	0.0361	19792.59	19816.59	24.00	18.7
17-Jun-13	Rainy	27.5	1004.2	1.34	1.34	1.34	1926.7	3.6099	3.6322	0.0223	19816.59	19840.59	24.00	11.6
21-Jun-13	Rainy	29.6	1002.9	1.34	1.34	1.34	1926.7	3.5365	3.5594	0.0229	19840.59	19864.59	24.00	11.9
27-Jun-13	Cloudy	29.8	1006.3	1.34	1.34	1.34	1926.7	3.5445	3.6104	0.0659	19864.59	19888.59	24.00	34.2

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		
5-Jun-13	Cloudy	26.8	1011.1	1.34	1.34	1.34	1928.2	3.5729	3.6029	0.0300	15898.36	15922.36	24.00	15.6
10-Jun-13	Rainy	28.6	1002.3	1.34	1.34	1.34	1928.2	3.5862	3.6378	0.0516	15922.36	15946.36	24.00	26.8
17-Jun-13	Rainy	27.5	1004.2	1.34	1.34	1.34	1928.2	3.6064	3.6384	0.0320	15946.36	15970.36	24.00	16.6
21-Jun-13	Rainy	29.6	1002.9	1.34	1.34	1.34	1928.2	3.5386	3.5695	0.0309	15970.36	15994.36	24.00	16.0
27-Jun-13	Cloudy	29.8	1006.3	1.34	1.34	1.34	1928.2	3.5481	3.6412	0.0931	15994.36	16018.36	24.00	48.3