

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-Jun-12	Sunny	28.3	1004.0	1.34	1.34	1.34	1925.3	2.7558	2.8009	0.0451	17930.46	17954.46	24.00	23.4
12-Jun-12	Cloudy	28.9	999.7	1.34	1.34	1.34	1925.3	2.7689	2.797	0.0281	17954.46	17978.46	24.00	14.6
18-Jun-12	Rainy	27.3	998.6	1.34	1.34	1.34	1925.3	2.7759	2.8018	0.0259	17978.46	18002.46	24.00	13.5
22-Jun-12	Rainy	28.5	1004.2	1.34	1.34	1.34	1925.3	2.7141	2.7505	0.0364	18002.46	18026.46	24.00	18.9
28-Jun-12	Sunny	29.4	1005.0	1.34	1.34	1.34	1925.3	2.7595	2.8212	0.0617	18026.46	18050.46	24.00	32.0

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-Jun-12	Sunny	28.3	1004.0	1.33	1.33	1.33	1921.0	2.7675	2.8069	0.0394	14503.12	14527.12	24.00	20.5
12-Jun-12	Cloudy	28.9	999.7	1.33	1.33	1.33	1921.0	2.7523	2.8021	0.0498	14527.12	14551.12	24.00	25.9
18-Jun-12	Rainy	27.3	998.6	1.33	1.33	1.33	1921.0	2.7707	2.8002	0.0295	14551.12	14575.12	24.00	15.4
22-Jun-12	Rainy	28.5	1004.2	1.34	1.34	1.34	1925.3	2.7154	2.7971	0.0817	14575.12	14599.12	24.00	42.4
28-Jun-12	Sunny	29.4	1005.0	1.33	1.33	1.33	1921.0	2.6362	2.7838	0.1476	14599.12	14623.12	24.00	76.8

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-Jun-12	Sunny	28.3	1004.0	1.33	1.33	1.33	1916.6	2.7703	2.8168	0.0465	18234.59	18258.59	24.00	24.3
12-Jun-12	Cloudy	28.9	999.7	1.33	1.33	1.33	1916.6	2.7721	2.8216	0.0495	18258.59	18282.59	24.00	25.8
18-Jun-12	Rainy	27.3	998.6	1.33	1.33	1.33	1916.6	2.7490	2.7893	0.0403	18282.59	18306.59	24.00	21.0
22-Jun-12	Rainy	28.5	1004.2	1.33	1.33	1.33	1916.6	2.7201	2.7958	0.0757	18306.59	18330.59	24.00	39.5
28-Jun-12	Sunny	29.4	1005.0	1.33	1.33	1.33	1916.6	2.7318	2.7780	0.0462	18330.59	18354.59	24.00	24.1

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		
6-Jun-12	Sunny	28.3	1004.0	1.34	1.34	1.34	1928.2	2.7638	2.8209	0.0571	14362.36	14386.36	24.00	29.6
12-Jun-12	Cloudy	28.9	999.7	1.34	1.34	1.34	1928.2	2.7721	2.8275	0.0554	14386.36	14410.36	24.00	28.7
18-Jun-12	Rainy	27.3	998.6	1.34	1.34	1.34	1928.2	2.7624	2.8013	0.0389	14410.36	14434.36	24.00	20.2
22-Jun-12	Rainy	28.5	1004.2	1.31	1.31	1.31	1890.7	2.7096	2.7591	0.0495	14434.36	14458.36	24.00	26.2
28-Jun-12	Sunny	29.4	1005.0	1.34	1.34	1.34	1928.2	2.7988	2.8625	0.0637	14458.36	14482.36	24.00	33.0