

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		
5-Jun-14	Fine	29.9	1003.6	1.33	1.33	1.33	1913.8	2.6879	2.7163	0.0284	21027.46	21051.46	24.00	14.8
11-Jun-14	Fine	28.1	1001.9	1.33	1.33	1.33	1913.8	2.7431	2.7926	0.0495	21051.46	21075.46	24.00	25.9
17-Jun-14	Fine	30.2	1001.9	1.33	1.33	1.33	1913.8	2.6566	2.6943	0.0377	21075.46	21099.46	24.00	19.7
23-Jun-14	Rainy	27.8	1004.1	1.33	1.33	1.33	1913.8	2.6466	2.7215	0.0749	21099.46	21123.46	24.00	39.1
28-Jun-14	Sunny	30.3	1004.3	1.33	1.33	1.33	1913.8	2.6633	2.7025	0.0392	21123.46	21147.46	24.00	20.5

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		
5-Jun-14	Fine	29.9	1003.6	1.33	1.33	1.33	1918.1	2.6692	2.7046	0.0354	17599.12	17623.12	24.00	18.5
11-Jun-14	Fine	28.1	1001.9	1.32	1.32	1.32	1905.1	2.7846	2.8276	0.0430	17623.12	17647.12	24.00	22.6
17-Jun-14	Fine	30.2	1001.9	1.32	1.32	1.32	1905.1	2.6643	2.7067	0.0424	17647.12	17671.12	24.00	22.3
23-Jun-14	Rainy	27.8	1004.1	1.31	1.31	1.31	1890.7	2.6757	2.7000	0.0243	17671.12	17695.12	24.00	12.9
28-Jun-14	Sunny	30.3	1004.3	1.32	1.32	1.32	1905.1	2.7489	2.7916	0.0427	17695.12	17719.12	24.00	22.4

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		
5-Jun-14	Fine	29.9	1003.6	1.33	1.33	1.33	1921.0	2.6817	2.7151	0.0334	21428.59	21452.59	24.00	17.4
11-Jun-14	Fine	28.1	1001.9	1.33	1.33	1.33	1921.0	2.7382	2.7924	0.0542	21452.59	21476.59	24.00	28.2
17-Jun-14	Fine	30.2	1001.9	1.33	1.33	1.33	1921.0	2.6675	2.7083	0.0408	21476.59	21500.59	24.00	21.2
23-Jun-14	Rainy	27.8	1004.1	1.33	1.33	1.33	1921.0	2.6835	2.7237	0.0402	21500.59	21524.59	24.00	20.9
28-Jun-14	Sunny	30.3	1004.3	1.33	1.33	1.33	1921.0	2.7189	2.7614	0.0425	21524.59	21548.59	24.00	22.1

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		
5-Jun-14	Fine	29.9	1003.6	1.33	1.33	1.33	1918.1	2.6843	2.7199	0.0356	17458.36	17482.36	24.00	18.6
11-Jun-14	Fine	28.1	1001.9	1.33	1.33	1.33	1918.1	2.6690	2.7125	0.0435	17482.36	17506.36	24.00	22.7
17-Jun-14	Fine	30.2	1001.9	1.33	1.33	1.33	1918.1	2.6653	2.7051	0.0398	17506.36	17530.36	24.00	20.7
23-Jun-14	Rainy	27.8	1004.1	1.33	1.33	1.33	1918.1	2.6728	2.7020	0.0292	17530.36	17554.36	24.00	15.2
28-Jun-14	Sunny	30.3	1004.3	1.33	1.33	1.33	1918.1	2.7361	2.7764	0.0403	17554.36	17578.36	24.00	21.0