

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		
4-Jul-11	Sunny	29.7	1009.1	1.34	1.34	1.34	1933.9	2.7775	2.8188	0.0413	16514.46	16538.46	24.00	21.4
9-Jul-11	Sunny	29.8	1003.6	1.34	1.34	1.34	1933.9	2.7822	2.8357	0.0535	16538.46	16562.46	24.00	27.7
15-Jul-11	Cloudy	26.5	1002.2	1.34	1.34	1.34	1933.9	2.7988	2.8400	0.0412	16562.46	16586.46	24.00	21.3
21-Jul-11	Fine	28.6	1004.6	1.34	1.34	1.34	1933.9	2.7965	2.8268	0.0303	16586.46	16610.46	24.00	15.7
27-Jul-11	Cloudy	30.2	1007.1	1.34	1.34	1.34	1933.9	2.9147	2.9387	0.0240	16610.46	16634.46	24.00	12.4

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

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	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		
4-Jul-11	Sunny	29.7	1009.1	1.35	1.35	1.35	1938.2	2.7682	2.8165	0.0483	13087.12	13111.12	24.00	24.9
9-Jul-11	Sunny	29.8	1003.6	1.35	1.35	1.35	1938.2	2.7843	2.8146	0.0303	13111.12	13135.12	24.00	15.6
15-Jul-11	Cloudy	26.5	1002.2	1.32	1.32	1.32	1906.6	2.7928	2.8098	0.0170	13135.12	13159.12	24.00	8.9
21-Jul-11	Fine	28.6	1004.6	1.35	1.35	1.35	1938.2	2.7908	2.8272	0.0364	13159.12	13183.12	24.00	18.8
27-Jul-11	Cloudy	30.2	1007.1	1.35	1.35	1.35	1938.2	2.8989	2.9235	0.0246	13183.12	13207.12	24.00	12.7

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		
4-Jul-11	Sunny	29.7	1009.1	1.35	1.35	1.35	1941.1	2.7968	2.8513	0.0545	16818.59	16842.59	24.00	28.1
9-Jul-11	Sunny	29.8	1003.6	1.35	1.35	1.35	1941.1	2.7697	2.8122	0.0425	16842.59	16866.59	24.00	21.9
15-Jul-11	Cloudy	26.5	1002.2	1.35	1.35	1.35	1941.1	2.7821	2.8156	0.0335	16866.59	16890.59	24.00	17.3
21-Jul-11	Fine	28.6	1004.6	1.35	1.35	1.35	1941.1	2.7856	2.8212	0.0356	16890.59	16914.59	24.00	18.3
27-Jul-11	Cloudy	30.2	1007.1	1.28	1.28	1.28	1840.3	2.9029	2.9707	0.0678	16914.59	16938.59	24.00	36.8

24-hour TSP Monitoring Results at Station AM4 (Roof of Tai Kwong Secondary School)

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		
4-Jul-11	Sunny	29.7	1009.1	1.35	1.35	1.35	1942.6	2.7854	2.8191	0.0337	12946.36	12970.36	24.00	17.3
9-Jul-11	Sunny	29.8	1003.6	1.35	1.35	1.35	1942.6	2.7964	2.8536	0.0572	12970.36	12994.36	24.00	29.4
15-Jul-11	Cloudy	26.5	1002.2	1.35	1.35	1.35	1942.6	2.8027	2.8323	0.0296	12994.36	13018.36	24.00	15.2
21-Jul-11	Fine	28.6	1004.6	1.35	1.35	1.35	1942.6	2.8119	2.8511	0.0392	13018.36	13042.36	24.00	20.2
27-Jul-11	Cloudy	30.2	1007.1	1.35	1.35	1.35	1942.6	2.9063	2.9335	0.0272	13042.36	13066.36	24.00	14.0