

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-Jun-11	Sunny	28.8	1008.8	1.34	1.34	1.34	1933.9	2.9093	2.9634	0.0541	16394.46	16418.46	24.00	28.0
10-Jun-11	Sunny	29.6	1003.9	1.34	1.34	1.34	1933.9	2.9204	2.9466	0.0262	16418.46	16442.46	24.00	13.5
16-Jun-11	Rainy	26.6	1005.1	1.34	1.34	1.34	1933.9	2.9433	2.9820	0.0387	16442.46	16466.46	24.00	20.0
22-Jun-11	Cloudy	26.6	997.8	1.34	1.34	1.34	1933.9	2.8214	2.8626	0.0412	16466.46	16490.46	24.00	21.3
28-Jun-11	Rainy	26.4	1004.5	1.34	1.34	1.34	1933.9	2.9446	3.0184	0.0738	16490.46	16514.46	24.00	38.2

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-Jun-11	Sunny	28.8	1008.8	1.35	1.35	1.35	1938.2	2.9292	2.9978	0.0686	12967.12	12991.12	24.00	35.4
10-Jun-11	Sunny	29.6	1003.9	1.35	1.35	1.35	1938.2	2.9252	2.9553	0.0301	12991.12	13015.12	24.00	15.5
16-Jun-11	Rainy	26.6	1005.1	1.35	1.35	1.35	1938.2	2.9481	2.9869	0.0388	13015.12	13039.12	24.00	20.0
22-Jun-11	Cloudy	26.6	997.8	1.35	1.35	1.35	1938.2	2.8151	2.8593	0.0442	13039.12	13063.12	24.00	22.8
28-Jun-11	Rainy	26.4	1004.5	1.35	1.35	1.35	1938.2	2.9355	2.9680	0.0325	13063.12	13087.12	24.00	16.8

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		
4-Jun-11	Sunny	28.8	1008.8	1.35	1.35	1.35	1941.1	2.9127	2.9816	0.0689	16698.59	16722.59	24.00	35.5
10-Jun-11	Sunny	29.6	1003.9	1.35	1.35	1.35	1941.1	2.926	2.974	0.0480	16722.59	16746.59	24.00	24.7
16-Jun-11	Rainy	26.6	1005.1	1.35	1.35	1.35	1941.1	2.8348	2.8690	0.0342	16746.59	16770.59	24.00	17.6
22-Jun-11	Cloudy	26.6	997.8	1.35	1.35	1.35	1941.1	2.7992	2.8525	0.0533	16770.59	16794.59	24.00	27.5
28-Jun-11	Rainy	26.4	1004.5	1.35	1.35	1.35	1941.1	2.9216	2.9945	0.0729	16794.59	16818.59	24.00	37.6

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-Jun-11	Sunny	28.8	1008.8	1.35	1.35	1.35	1938.2	2.7803	2.8522	0.0719	12826.36	12850.36	24.00	37.1
10-Jun-11	Sunny	29.6	1003.9	1.35	1.35	1.35	1942.6	2.9134	2.9407	0.0273	12850.36	12874.36	24.00	14.1
16-Jun-11	Rainy	26.6	1005.1	1.35	1.35	1.35	1942.6	2.9287	2.9677	0.0390	12874.36	12898.36	24.00	20.1
22-Jun-11	Cloudy	26.6	997.8	1.35	1.35	1.35	1942.6	2.7978	2.8392	0.0414	12898.36	12922.36	24.00	21.3
28-Jun-11	Rainy	26.4	1004.5	1.35	1.35	1.35	1942.6	2.9178	2.9893	0.0715	12922.36	12946.36	24.00	36.8