

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-Jan-11	Cloudy	13.4	1020.4	1.34	1.34	1.34	1933.92	2.7979	2.9181	0.1202	15656.9	15680.9	24.0	62.2
11-Jan-11	Cloudy	13.1	1020.0	1.34	1.34	1.34	1933.92	2.8047	3.0784	0.2737	15680.9	15704.9	24.0	141.5
17-Jan-11	Sunny	11.8	1024.2	1.34	1.34	1.34	1933.92	2.8024	2.9653	0.1629	15704.9	15728.9	24.0	84.2
22-Jan-11	Sunny	13.7	1019.3	1.34	1.34	1.34	1933.92	2.7755	2.9463	0.1708	15728.9	15752.9	24.0	88.3
28-Jan-11	Cloudy	15.8	1020.5	1.34	1.34	1.34	1933.92	2.7780	2.9008	0.1228	15753.86	15777.86	24.00	63.5

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-Jan-11	Cloudy	13.4	1020.4	1.35	1.35	1.35	1938.24	2.7995	2.8830	0.0835	12318.12	12342.12	24.00	43.1
11-Jan-11	Cloudy	13.1	1020.0	1.35	1.35	1.35	1938.24	2.8138	2.9127	0.0989	12342.12	12366.12	24.00	51.0
17-Jan-11	Sunny	11.8	1024.2	1.35	1.35	1.35	1938.24	2.8109	2.9221	0.1112	12366.12	12390.12	24.00	57.4
22-Jan-11	Sunny	13.7	1019.3	1.35	1.35	1.35	1938.24	2.7817	2.9165	0.1348	12390.12	12414.12	24.00	69.5
28-Jan-11	Cloudy	15.8	1020.5	1.35	1.35	1.35	1938.24	2.7938	2.9058	0.1120	12415.12	12439.12	24.00	57.8

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		
5-Jan-11	Cloudy	13.4	1020.4	1.35	1.35	1.35	1941.12	2.7988	2.9145	0.1157	16049.59	16073.59	24.00	59.6
11-Jan-11	Cloudy	13.1	1020.0	1.35	1.35	1.35	1941.12	2.8003	3.0560	0.2557	16073.59	16097.59	24.00	131.7
17-Jan-11	Sunny	11.8	1024.2	1.35	1.35	1.35	1941.12	2.8143	2.9893	0.1750	16097.59	16121.59	24.00	90.2
22-Jan-11	Sunny	13.7	1019.3	1.35	1.35	1.35	1941.12	2.7712	2.9117	0.1405	16121.59	16145.59	24.00	72.4
28-Jan-11	Cloudy	15.8	1020.5	1.35	1.35	1.35	1941.12	2.7818	2.8946	0.1128	16146.59	16170.59	24.00	58.1

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		
5-Jan-11	Cloudy	13.4	1020.4	1.35	1.35	1.35	1942.56	2.8100	2.9269	0.1169	12177.36	12201.36	24.00	60.2
11-Jan-11	Cloudy	13.1	1020.0	1.35	1.35	1.35	1948.32	2.7757	2.9725	0.1968	12201.36	12225.36	24.00	101.0
17-Jan-11	Sunny	11.8	1024.2	1.35	1.35	1.35	1942.56	2.8086	2.9814	0.1728	12225.36	12249.36	24.00	89.0
22-Jan-11	Sunny	13.7	1019.3	1.35	1.35	1.35	1942.56	2.7718	2.9179	0.1461	12249.36	12273.36	24.00	75.2
28-Jan-11	Cloudy	15.8	1020.5	1.34	1.34	1.34	1928.16	2.7917	2.9100	0.1183	12274.36	12298.36	24.00	61.4