

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		
2-Aug-11	Sunny	29.5	1006.7	1.34	1.34	1.34	1933.9	2.8859	2.9216	0.0357	16634.46	16658.46	24.00	18.5
8-Aug-11	Sunny	29.2	1004.3	1.34	1.34	1.34	1933.9	2.8938	2.9275	0.0337	16658.46	16682.46	24.00	17.4
13-Aug-11	Sunny	29.6	1008.8	1.34	1.34	1.34	1933.9	3.1364	3.1803	0.0439	16682.46	16706.46	24.00	22.7
19-Aug-11	Sunny	29.6	1010.9	1.34	1.34	1.34	1933.9	3.1273	3.1554	0.0281	16706.46	16730.46	24.00	14.5
25-Aug-11	Cloudy	28.6	1005.7	1.34	1.34	1.34	1933.9	2.9001	2.9664	0.0663	16730.46	16754.46	24.00	34.3
31-Aug-11	Sunny	30.6	999.3	1.34	1.34	1.34	1933.9	2.9109	3.0400	0.1291	16754.46	16778.46	24.00	66.8

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		
2-Aug-11	Sunny	29.5	1006.7	1.35	1.35	1.35	1938.2	2.8852	2.9113	0.0261	13207.12	13231.12	24.00	13.5
8-Aug-11	Sunny	29.2	1004.3	1.35	1.35	1.35	1938.2	2.9122	2.9342	0.0220	13231.12	13255.12	24.00	11.4
13-Aug-11	Sunny	29.6	1008.8	1.35	1.35	1.35	1938.2	3.1355	3.1806	0.0451	13255.12	13279.12	24.00	23.3
19-Aug-11	Sunny	29.6	1010.9	1.35	1.35	1.35	1938.2	3.1484	3.1583	0.0099	13279.12	13303.12	24.00	5.1
25-Aug-11	Cloudy	28.6	1005.7	1.35	1.35	1.35	1938.2	2.8991	2.9560	0.0569	13303.12	13327.12	24.00	29.4
31-Aug-11	Sunny	30.6	999.3	1.35	1.35	1.35	1938.2	2.9007	2.9416	0.0409	13327.12	13351.12	24.00	21.1

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		
2-Aug-11	Sunny	29.5	1006.7	1.35	1.35	1.35	1941.1	2.8699	2.9096	0.0397	16938.59	16962.59	24.00	20.5
8-Aug-11	Sunny	29.2	1004.3	1.35	1.35	1.35	1941.1	2.9086	2.9423	0.0337	16962.59	16986.59	24.00	17.4
13-Aug-11	Sunny	29.6	1008.8	1.34	1.34	1.34	1929.6	3.1333	3.1700	0.0367	16986.59	17010.59	24.00	19.0
19-Aug-11	Sunny	29.6	1010.9	1.34	1.34	1.34	1929.6	3.1159	3.1434	0.0275	17010.59	17034.59	24.00	14.3
25-Aug-11	Cloudy	28.6	1005.7	1.34	1.34	1.34	1929.6	2.8995	2.9341	0.0346	17034.59	17058.59	24.00	17.9
31-Aug-11	Sunny	30.6	999.3	1.34	1.34	1.34	1929.6	2.9253	3.0732	0.1479	17058.59	17082.59	24.00	76.6

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		
2-Aug-11	Sunny	29.5	1006.7	1.35	1.35	1.35	1942.6	2.8916	2.9404	0.0488	13066.36	13090.36	24.00	25.1
8-Aug-11	Sunny	29.2	1004.3	1.35	1.35	1.35	1942.6	2.9344	2.9833	0.0489	13090.36	13114.36	24.00	25.2
13-Aug-11	Sunny	29.6	1008.8	1.35	1.35	1.35	1942.6	3.1514	3.1934	0.0420	13114.36	13138.36	24.00	21.6
19-Aug-11	Sunny	29.6	1010.9	1.35	1.35	1.35	1942.6	3.1391	3.1718	0.0327	13138.36	13162.36	24.00	16.8
25-Aug-11	Cloudy	28.6	1005.7	1.35	1.35	1.35	1942.6	2.9105	2.9928	0.0823	13162.36	13186.36	24.00	42.4
31-Aug-11	Sunny	30.6	999.3	1.35	1.35	1.35	1942.6	2.9044	3.0685	0.1641	13186.36	13210.36	24.00	84.5