

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-Nov-10	Sunny	21.1	1018.6	1.34	1.34	1.34	1933.92	2.7567	2.9007	0.1440	15395.9	15419.9	24.0	74.5
8-Nov-10	Sunny	22.5	1017.5	1.33	1.33	1.33	1920.96	2.7385	2.8668	0.1283	15419.9	15443.9	24.0	66.8
13-Nov-10	Sunny	21.7	1015.0	1.33	1.33	1.33	1920.96	2.7643	2.8258	0.0615	15443.9	15467.9	24.0	32.0
19-Nov-10	Sunny	21.6	1017.6	1.33	1.33	1.33	1920.96	2.7529	2.8805	0.1276	15467.9	15491.9	24.0	66.4
25-Nov-10	Sunny	20.9	1016.5	1.33	1.33	1.33	1920.96	2.7832	2.9092	0.1260	15491.86	15515.86	24.00	65.6

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-Nov-10	Sunny	21.1	1018.6	1.35	1.35	1.35	1938.24	2.7392	2.8479	0.1087	12054.12	12078.12	24.00	56.1
8-Nov-10	Sunny	22.5	1017.5	1.33	1.33	1.33	1916.64	2.7282	2.8260	0.0978	12078.12	12102.12	24.00	51.0
13-Nov-10	Sunny	21.7	1015.0	1.33	1.33	1.33	1916.64	2.7630	2.8182	0.0552	12102.12	12126.12	24.00	28.8
19-Nov-10	Sunny	21.6	1017.6	1.33	1.33	1.33	1916.64	2.7834	2.8838	0.1004	12126.12	12150.12	24.00	52.4
25-Nov-10	Sunny	20.9	1016.5	1.33	1.33	1.33	1916.64	2.7637	2.8992	0.1355	12150.12	12174.12	24.00	70.7

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		
2-Nov-10	Sunny	21.1	1018.6	1.35	1.35	1.35	1941.12	2.7401	2.9023	0.1622	15785.59	15809.59	24.00	83.6
8-Nov-10	Sunny	22.5	1017.5	1.34	1.34	1.34	1925.28	2.7651	2.9050	0.1399	15809.59	15833.59	24.00	72.7
13-Nov-10	Sunny	21.7	1015.0	1.34	1.34	1.34	1925.28	2.7796	2.8530	0.0734	15833.59	15857.59	24.00	38.1
19-Nov-10	Sunny	21.6	1017.6	1.34	1.34	1.34	1928.16	2.7838	2.9137	0.1299	15857.59	15881.59	24.00	67.4
25-Nov-10	Sunny	20.9	1016.5	1.34	1.34	1.34	1925.28	2.7724	2.9069	0.1345	15881.59	15905.59	24.00	69.9

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-Nov-10	Sunny	21.1	1018.6	1.34	1.34	1.34	1928.16	2.7331	2.8870	0.1539	11913.36	11937.36	24.00	79.8
8-Nov-10	Sunny	22.5	1017.5	1.34	1.34	1.34	1928.16	2.7583	2.9027	0.1444	11937.36	11961.36	24.00	74.9
13-Nov-10	Sunny	21.7	1015.0	1.34	1.34	1.34	1928.16	2.7583	2.8255	0.0672	11961.36	11985.36	24.00	34.9
19-Nov-10	Sunny	21.6	1017.6	1.34	1.34	1.34	1925.28	2.7783	2.9242	0.1459	11985.36	12009.36	24.00	75.8
25-Nov-10	Sunny	20.9	1016.5	1.34	1.34	1.34	1928.16	2.7765	2.9178	0.1413	12009.36	12033.36	24.00	73.3