

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		
1-Dec-10	Sunny	21.7	1015.4	1.34	1.34	1.34	1925.28	2.7188	2.8642	0.1454	15515.9	15539.9	24.0	75.5
7-Dec-10	Sunny	23.5	1014.9	1.33	1.33	1.33	1920.96	2.7252	2.9323	0.2071	15539.9	15563.9	24.0	107.8
13-Dec-10	Sunny	21.9	1010.8	1.34	1.34	1.34	1925.28	2.7565	2.8502	0.0937	15563.9	15587.9	24.0	48.7
18-Dec-10	Sunny	10.4	1020.5	1.34	1.34	1.34	1925.28	2.7925	2.8862	0.0937	15584.9	15608.9	24.0	48.7
24-Dec-10	Sunny	18.1	1015.6	1.34	1.34	1.34	1933.92	2.7889	2.9159	0.1270	15608.9	15632.9	24.0	65.7
30-Dec-10	Sunny	17.1	1017.3	1.34	1.34	1.34	1933.92	2.8131	2.8917	0.0786	15632.86	15656.86	24.00	40.6

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		
1-Dec-10	Sunny	21.7	1015.4	1.33	1.33	1.33	1920.96	2.7148	2.8157	0.1009	12174.12	12198.12	24.00	52.5
7-Dec-10	Sunny	23.5	1014.9	1.33	1.33	1.33	1916.64	2.7164	2.8594	0.1430	12198.12	12222.12	24.00	74.6
13-Dec-10	Sunny	21.9	1010.8	1.33	1.33	1.33	1910.88	2.7841	2.8405	0.0564	12222.12	12246.12	24.00	29.5
18-Dec-10	Sunny	10.4	1020.5	1.33	1.33	1.33	1920.96	2.7640	2.8412	0.0772	12246.12	12270.12	24.00	40.2
24-Dec-10	Sunny	18.1	1015.6	1.35	1.35	1.35	1938.24	2.7645	2.8834	0.1189	12270.12	12294.12	24.00	61.3
30-Dec-10	Sunny	17.1	1017.3	1.35	1.35	1.35	1938.24	2.8052	2.8823	0.0771	12294.12	12318.12	24.00	39.8

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		
1-Dec-10	Sunny	21.7	1015.4	1.32	1.32	1.32	1906.56	2.6991	2.7296	0.0305	15905.59	15929.59	24.00	16.0
7-Dec-10	Sunny	23.5	1014.9	1.35	1.35	1.35	1941.12	2.7039	2.9221	0.2182	15929.59	15953.59	24.00	112.4
13-Dec-10	Sunny	21.9	1010.8	1.34	1.34	1.34	1931.04	2.7610	2.8782	0.1172	15953.59	15977.59	24.00	60.7
18-Dec-10	Sunny	10.4	1020.5	1.34	1.34	1.34	1931.04	2.7887	2.8837	0.0950	15977.59	16001.59	24.00	49.2
24-Dec-10	Sunny	18.1	1015.6	1.35	1.35	1.35	1941.12	2.7865	2.9150	0.1285	16001.59	16025.59	24.00	66.2
30-Dec-10	Sunny	17.1	1017.3	1.35	1.35	1.35	1941.12	2.8037	2.8866	0.0829	16025.59	16049.59	24.00	42.7

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		
1-Dec-10	Sunny	21.7	1015.4	1.34	1.34	1.34	1928.16	2.7037	2.8270	0.1233	12033.36	12057.36	24.00	63.9
7-Dec-10	Sunny	23.5	1014.9	1.34	1.34	1.34	1933.92	2.7094	2.9532	0.2438	12057.36	12081.36	24.00	126.1
13-Dec-10	Sunny	21.9	1010.8	1.34	1.34	1.34	1928.16	2.7650	2.8633	0.0983	12081.36	12105.36	24.00	51.0
18-Dec-10	Sunny	10.4	1020.5	1.34	1.34	1.34	1933.92	2.7925	2.9040	0.1115	12105.36	12129.36	24.00	57.7
24-Dec-10	Sunny	18.1	1015.6	1.35	1.35	1.35	1942.56	2.7540	2.8965	0.1425	12129.36	12153.36	24.00	73.4
30-Dec-10	Sunny	17.1	1017.3	1.35	1.35	1.35	1942.56	2.7790	2.8840	0.1050	12153.36	12177.36	24.00	54.1