

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		
6-May-11	Sunny	23.6	1011.0	1.34	1.34	1.34	1933.9	2.7523	2.8455	0.0932	16184.46	16208.46	24.00	48.2
12-May-11	Fine	29.3	1006.2	1.34	1.34	1.34	1933.9	2.7636	2.8188	0.0552	16208.46	16232.46	24.00	28.5
18-May-11	Fine	23.4	1011.2	1.34	1.34	1.34	1933.9	2.8401	2.9192	0.0791	16322.46	16346.46	24.00	40.9
24-May-11	Fine	24.2	1007.3	1.34	1.34	1.34	1933.9	2.8283	2.9186	0.0903	16346.46	16370.46	24.00	46.7
30-May-11	Sunny	25.8	1011.6	1.34	1.34	1.34	1933.92	2.8237	2.9117	0.0880	16370.46	16394.46	24.00	45.5

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		
6-May-11	Sunny	23.6	1011.0	1.33	1.33	1.33	1916.6	2.7667	2.7966	0.0299	12847.12	12871.12	24.00	15.6
12-May-11	Fine	29.3	1006.2	1.35	1.35	1.35	1938.2	2.7682	2.8069	0.0387	12871.12	12895.12	24.00	20.0
18-May-11	Fine	23.4	1011.2	1.30	1.30	1.30	1872.0	2.8314	2.8763	0.0449	12895.12	12919.12	24.00	24.0
24-May-11	Fine	24.2	1007.3	1.35	1.35	1.35	1938.2	2.8610	2.9372	0.0762	12919.12	12943.12	24.00	39.3
30-May-11	Sunny	25.8	1011.6	1.35	1.35	1.35	1938.24	2.8349	2.8893	0.0544	12943.12	12967.12	24.00	28.1

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		
6-May-11	Sunny	23.6	1011.0	1.35	1.35	1.35	1936.8	2.7854	2.8707	0.0853	16578.59	16602.59	24.00	44.0
12-May-11	Fine	29.3	1006.2	1.35	1.35	1.35	1941.1	2.7788	2.8265	0.0477	16602.59	16626.59	24.00	24.6
18-May-11	Fine	23.4	1011.2	1.35	1.35	1.35	1941.1	2.8409	2.9138	0.0729	16626.59	16650.59	24.00	37.6
24-May-11	Fine	24.2	1007.3	1.35	1.35	1.35	1941.1	2.8482	2.9416	0.0934	16650.59	16674.59	24.00	48.1
30-May-11	Sunny	25.8	1011.6	1.35	1.35	1.35	1941.12	2.8278	2.9138	0.0860	16674.59	16698.59	24.00	44.3

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		
6-May-11	Sunny	23.6	1011.0	1.35	1.35	1.35	1938.2	2.7699	2.8418	0.0719	12706.36	12730.36	24.00	37.1
12-May-11	Fine	29.3	1006.2	1.35	1.35	1.35	1941.1	2.7749	2.8273	0.0524	12730.36	12754.36	24.00	27.0
18-May-11	Fine	23.4	1011.2	1.35	1.35	1.35	1942.6	2.8469	2.9132	0.0663	12754.36	12778.36	24.00	34.1
24-May-11	Fine	24.2	1007.3	1.30	1.30	1.30	1877.8	2.8481	2.9675	0.1194	12778.36	12802.36	24.00	63.6
30-May-11	Sunny	25.8	1011.6	1.35	1.35	1.35	1942.56	2.8336	2.9240	0.0904	12802.36	12826.36	24.00	46.5