

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-Mar-11	Sunny	16.5	1018.4	1.34	1.34	1.34	1929.60	2.7788	2.8231	0.0443	15896.5	15920.5	24.0	22.9
7-Mar-11	Sunny	19.8	1016.7	1.34	1.34	1.34	1929.60	2.7865	2.9553	0.1688	15920.5	15944.5	24.0	87.3
12-Mar-11	Sunny	17.5	1019.9	1.34	1.34	1.34	1929.60	2.7816	2.9042	0.1226	15944.5	15968.5	24.0	63.4
18-Mar-11	Sunny	16.2	1021.6	1.34	1.34	1.34	1929.60	2.7687	2.9173	0.1486	15968.5	15992.5	24.0	76.8
24-Mar-11	Fine	16.0	1021.5	1.34	1.34	1.34	1929.60	3.5984	3.7082	0.1098	15992.5	16016.5	24.0	56.8
30-Mar-11	Fine	18.0	1022.4	1.34	1.34	1.34	1929.60	3.6009	3.7768	0.1759	16016.46	16040.46	24.00	91.0

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-Mar-11	Sunny	16.5	1018.4	1.35	1.35	1.35	1938.24	2.7816	2.8950	0.1134	12559.12	12583.12	24.00	58.5
7-Mar-11	Sunny	19.8	1016.7	1.35	1.35	1.35	1938.24	2.7890	2.9090	0.1200	12583.12	12607.12	24.00	61.9
12-Mar-11	Sunny	17.5	1019.9	1.35	1.35	1.35	1938.24	2.7821	2.8440	0.0619	12607.12	12631.12	24.00	31.9
18-Mar-11	Sunny	16.2	1021.6	1.31	1.31	1.31	1890.72	3.6115	3.6996	0.0881	12631.12	12655.12	24.00	46.6
24-Mar-11	Fine	16.0	1021.5	1.35	1.35	1.35	1938.24	3.6075	3.7453	0.1378	12655.12	12679.12	24.00	71.1
30-Mar-11	Fine	18.0	1022.4	1.35	1.35	1.35	1938.24	3.6030	3.7448	0.1418	12679.12	12703.12	24.00	73.2

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-Mar-11	Sunny	16.5	1018.4	1.35	1.35	1.35	1941.12	2.7962	2.8381	0.0419	16290.59	16314.59	24.00	21.6
7-Mar-11	Sunny	19.8	1016.7	1.33	1.33	1.33	1920.96	2.7864	2.8381	0.0517	16314.59	16338.59	24.00	26.9
12-Mar-11	Sunny	17.5	1019.9	1.35	1.35	1.35	1941.12	2.7762	2.8971	0.1209	16338.59	16362.59	24.00	62.3
18-Mar-11	Sunny	16.2	1021.6	1.35	1.35	1.35	1941.12	3.6114	3.7196	0.1082	16362.59	16386.59	24.00	55.7
24-Mar-11	Fine	16.0	1021.5	1.35	1.35	1.35	1941.12	3.6195	3.7022	0.0827	16386.59	16410.59	24.00	42.6
30-Mar-11	Fine	18.0	1022.4	1.35	1.35	1.35	1941.12	3.6015	3.7349	0.1334	16410.59	16434.59	24.00	68.7

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-Mar-11	Sunny	16.5	1018.4	1.35	1.35	1.35	1942.56	2.7756	2.8200	0.0444	12418.36	12442.36	24.00	22.9
7-Mar-11	Sunny	19.8	1016.7	1.35	1.35	1.35	1942.56	2.7942	2.9570	0.1628	12442.36	12466.36	24.00	83.8
12-Mar-11	Sunny	17.5	1019.9	1.35	1.35	1.35	1942.56	2.7806	2.9131	0.1325	12466.36	12490.36	24.00	68.2
18-Mar-11	Sunny	16.2	1021.6	1.35	1.35	1.35	1942.56	3.6166	3.7687	0.1521	12490.36	12514.36	24.00	78.3
24-Mar-11	Fine	16.0	1021.5	1.35	1.35	1.35	1942.56	3.6106	3.6706	0.0600	12514.36	12538.36	24.00	30.9
30-Mar-11	Fine	18.0	1022.4	1.35	1.35	1.35	1942.56	3.5991	3.7901	0.1910	12538.36	12562.36	24.00	98.3