

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		
3-Mar-10	Sunny	24.7	1011.2	1.343	1.343	1.3	1933.9	3.4142	3.5017	0.05	14397.9	14421.9	24.0	45.2
9-Mar-10	Sunny	10.5	1025.0	1.343	1.343	1.3	1933.9	3.423	3.5574	0.13	14421.9	14445.9	24.0	69.5
15-Mar-10	Sunny	22.9	1015.0	1.343	1.343	1.3	1933.9	3.4364	3.5396	0.10	14445.9	14469.9	24.0	53.4
20-Mar-10	Sunny	21.5	1013.3	1.343	1.343	1.3	1933.9	3.4339	3.5677	0.13	14469.9	14493.9	24.0	69.2
26-Mar-10	Sunny	17.5	1021.2	1.34	1.34	1.34	1933.9	3.4022	3.6189	0.2167	14493.86	14517.86	24.00	112.1

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-Mar-10	Sunny	16.7	1018.4	1.35	1.35	1.34	1933.9	3.4211	3.4543	0.0536	11046.17	11070.17	24.00	17.1
8-Mar-10	Sunny	18.5	1016.8	1.35	1.35	1.35	1938.2	3.4176	3.4360	0.0184	11070.17	11094.17	24.00	9.5
13-Mar-10	Sunny	18.8	1015.8	1.35	1.35	1.35	1938.2	3.4346	3.5530	0.1184	11094.17	11118.17	24.00	61.1
22-Mar-10	Fine	19.3	1015.5	1.35	1.35	1.35	1938.2	3.4329	4.0110	0.5781	11118.17	11142.17	24.00	298.3
25-Mar-10	Sunny	19.5	1016.0	1.35	1.35	1.35	1938.2	3.4046	3.5213	0.1167	11142.17	11166.17	24.00	60.2
31-Mar-10	Fine	20.5	1014.6	1.35	1.35	1.35	1938.2	3.3996	3.4831	0.0835	11166.17	11190.17	24.00	43.1

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		
3-Mar-10	Sunny	24.7	1011.2	1.35	1.35	1.34	1933.9	3.4199	3.4968	0.0536	14777.59	14801.59	24.00	39.6
9-Mar-10	Sunny	10.5	1025.0	1.35	1.35	1.35	1941.1	3.4260	3.5475	0.1215	14801.57	14825.57	24.00	62.6
15-Mar-10	Sunny	22.9	1015.0	1.35	1.35	1.35	1941.1	3.4291	3.4965	0.0674	14825.57	14849.57	24.00	34.7
20-Mar-10	Sunny	21.5	1013.3	1.35	1.35	1.35	1941.1	3.4276	3.5274	0.0998	14849.57	14873.57	24.00	51.4
26-Mar-10	Sunny	17.5	1021.2	1.35	1.35	1.35	1941.1	3.4106	3.6120	0.2014	14873.57	14897.57	24.00	103.8

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		
3-Mar-10	Sunny	24.7	1011.2	1.34	1.34	1.34	1933.9	3.4139	3.4810	0.0536	10966.55	10990.55	24.00	34.8
9-Mar-10	Sunny	10.5	1025.0	1.34	1.34	1.34	1928.2	3.3248	3.5388	0.2140	10990.55	11014.55	24.00	111.0
15-Mar-10	Sunny	22.9	1015.0	1.34	1.34	1.34	1928.2	3.4341	3.5295	0.0954	11014.55	11038.55	24.00	49.5
20-Mar-10	Sunny	21.5	1013.3	1.34	1.34	1.34	1928.2	3.4325	3.5653	0.1328	11038.55	11062.55	24.00	68.9
26-Mar-10	Sunny	17.5	1021.2	1.34	1.34	1.34	1928.2	3.4098	3.5925	0.1827	11062.55	11086.55	24.00	94.8