

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-Feb-11	Fine	14.0	1022.7	1.34	1.34	1.34	1933.92	2.7629	2.9189	0.1560	15776.9	15800.9	24.0	80.7
8-Feb-11	Fine	18.7	1012.6	1.34	1.34	1.34	1933.92	2.8124	2.9059	0.0935	15800.9	15824.9	24.0	48.3
14-Feb-11	Cloudy	10.6	1020.8	1.34	1.34	1.34	1933.92	2.7387	2.8395	0.1008	15824.9	15848.9	24.0	52.1
19-Feb-11	Rainy	14.7	1016.3	1.34	1.34	1.34	1933.92	2.7882	2.8453	0.0571	15848.5	15872.5	24.0	29.5
23-Feb-11	Fine	15.4	1018.9	1.34	1.34	1.34	1933.92	2.7837	2.8753	0.0916	15872.46	15896.46	24.00	47.4

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-Feb-11	Fine	14.0	1022.7	1.35	1.35	1.35	1938.24	2.7497	2.8726	0.1229	12439.12	12463.12	24.00	63.4
8-Feb-11	Fine	18.7	1012.6	1.35	1.35	1.35	1938.24	2.7928	2.8570	0.0642	12463.12	12487.12	24.00	33.1
14-Feb-11	Cloudy	10.6	1020.8	1.35	1.35	1.35	1938.24	2.7358	2.8087	0.0729	12487.12	12511.12	24.00	37.6
19-Feb-11	Rainy	14.7	1016.3	1.35	1.35	1.35	1938.24	2.7883	2.8240	0.0357	12511.12	12535.12	24.00	18.4
23-Feb-11	Fine	15.4	1018.9	1.35	1.35	1.35	1938.24	2.7747	2.8414	0.0667	12535.12	12559.12	24.00	34.4

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-Feb-11	Fine	14.0	1022.7	1.35	1.35	1.35	1941.12	2.7548	2.871	0.1162	16170.59	16194.59	24.00	59.9
8-Feb-11	Fine	18.7	1012.6	1.13	1.13	1.13	1621.44	2.7907	2.8315	0.0408	16194.59	16218.59	24.00	25.2
14-Feb-11	Cloudy	10.6	1020.8	1.35	1.35	1.35	1941.12	2.7325	2.8256	0.0931	16218.59	16242.59	24.00	48.0
19-Feb-11	Rainy	14.7	1016.3	1.35	1.35	1.35	1941.12	2.7840	2.8175	0.0335	16242.59	16266.59	24.00	17.3
23-Feb-11	Fine	15.4	1018.9	1.35	1.35	1.35	1941.12	2.7627	2.8382	0.0755	16266.59	16290.59	24.00	38.9

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-Feb-11	Fine	14.0	1022.7	1.34	1.34	1.34	1928.16	2.7545	2.9267	0.1722	12298.36	12322.36	24.00	89.3
8-Feb-11	Fine	18.7	1012.6	1.34	1.34	1.34	1928.16	2.7404	2.8460	0.1056	12322.36	12346.36	24.00	54.8
14-Feb-11	Cloudy	10.6	1020.8	1.34	1.34	1.34	1928.16	2.7512	2.8506	0.0994	12346.36	12370.36	24.00	51.6
19-Feb-11	Rainy	14.7	1016.3	1.35	1.35	1.35	1942.56	2.7876	2.8422	0.0546	12370.36	12394.36	24.00	28.1
23-Feb-11	Fine	15.4	1018.9	1.35	1.35	1.35	1942.56	2.7838	2.8776	0.0938	12394.36	12418.36	24.00	48.3