

## 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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
4-Apr-11	Sunny	19.7	1016.8	1.34	1.34	1.34	1933.9	3.5978	3.7173	0.1195	16040.46	16064.46	24.00	61.8
9-Apr-11	Sunny	23.1	1017.3	1.34	1.34	1.34	1933.9	3.6018	3.7384	0.1366	16064.46	16088.46	24.00	70.6
15-Apr-11	Fine	24.1	1012.7	1.34	1.34	1.34	1933.9	2.7531	2.8486	0.0955	16088.46	16112.46	24.00	49.4
20-Apr-11	Fine	23.6	1014.4	1.30	1.30	1.30	1877.8	2.7450	2.9837	0.2387	16112.46	16136.46	24.00	127.1
26-Apr-11	Fine	24.2	1010.0	1.34	1.34	1.34	1933.9	2.7371	2.8521	0.1150	16136.46	16160.46	24.00	59.5
30-Apr-11	Cloudy	24.7	1010.6	1.34	1.34	1.34	1933.92	2.7358	2.8939	0.1581	16160.46	16184.46	24.00	81.8

### 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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
4-Apr-11	Sunny	19.7	1016.8	1.34	1.34	1.34	1923.8	3.6005	3.6637	0.0632	12703.12	12727.12	24.00	32.9
9-Apr-11	Sunny	23.1	1017.3	1.35	1.35	1.35	1938.2	3.5982	3.669	0.0708	12727.12	12751.12	24.00	36.5
15-Apr-11	Fine	24.1	1012.7	1.35	1.35	1.35	1938.2	2.7485	2.8258	0.0773	12751.12	12775.12	24.00	39.9
20-Apr-11	Fine	23.6	1014.4	1.30	1.30	1.30	1877.8	2.7539	2.9570	0.2031	12775.12	12799.12	24.00	108.2
26-Apr-11	Fine	24.2	1010.0	1.35	1.35	1.35	1938.2	2.7129	2.8219	0.1090	12799.12	12823.12	24.00	56.2
30-Apr-11	Cloudy	24.7	1010.6	1.35	1.35	1.35	1938.24	2.7615	2.9059	0.1444	12823.12	12847.12	24.00	74.5

### 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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
4-Apr-11	Sunny	19.7	1016.8	1.35	1.35	1.35	1938.2	3.6126	3.7145	0.1019	16434.59	16458.59	24.00	52.6
9-Apr-11	Sunny	23.1	1017.3	1.35	1.35	1.35	1941.1	3.5937	3.6679	0.0742	16458.59	16482.59	24.00	38.2
15-Apr-11	Fine	24.1	1012.7	1.35	1.35	1.35	1941.1	2.7550	2.8309	0.0759	16482.59	16506.59	24.00	39.1
20-Apr-11	Fine	23.6	1014.4	1.30	1.30	1.30	1877.8	2.7481	3.0005	0.2524	16506.59	16530.59	24.00	134.4
26-Apr-11	Fine	24.2	1010.0	1.35	1.35	1.35	1941.1	2.7459	2.8551	0.1092	16530.59	16554.59	24.00	56.3
30-Apr-11	Cloudy	24.7	1010.6	1.35	1.35	1.35	1941.12	2.7708	2.9459	0.1751	16554.59	16578.59	24.00	90.2

### 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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
4-Apr-11	Sunny	19.7	1016.8	1.35	1.35	1.35	1942.6	3.603	3.7368	0.1338	12562.36	12586.36	24.00	68.9
9-Apr-11	Sunny	23.1	1017.3	1.35	1.35	1.35	1942.6	3.6067	3.6755	0.0688	12586.36	12610.36	24.00	35.4
15-Apr-11	Fine	24.1	1012.7	1.35	1.35	1.35	1942.6	2.7575	2.8525	0.0950	12610.36	12634.36	24.00	48.9
20-Apr-11	Fine	23.6	1014.4	1.30	1.30	1.30	1877.8	2.7564	2.9913	0.2349	12634.36	12658.36	24.00	125.1
26-Apr-11	Fine	24.2	1010.0	1.33	1.33	1.33	1909.4	2.7517	2.8645	0.1128	12658.36	12682.36	24.00	59.1
30-Apr-11	Cloudy	24.7	1010.6	1.35	1.35	1.35	1942.56	2.7922	2.9531	0.1609	12682.36	12706.36	24.00	82.8