

## 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		
1-Dec-11	Fine	18.7	1017.2	1.34	1.34	1.34	1933.9	2.8044	2.9075	0.1031	17138.46	17162.46	24.00	53.3
7-Dec-11	Sunny	22.3	1016.7	1.34	1.34	1.34	1933.9	2.7827	2.8519	0.0692	17162.46	17186.46	24.00	35.8
13-Dec-11	Sunny	17.1	1019.5	1.34	1.34	1.34	1933.9	2.8033	2.9157	0.1124	17186.46	17210.46	24.00	58.1
19-Dec-11	Sunny	16.7	1021.4	1.34	1.34	1.34	1933.9	2.7904	2.9046	0.1142	17210.46	17234.46	24.00	59.1
24-Dec-11	Sunny	13.0	1023.8	1.34	1.34	1.34	1933.9	2.7953	3.0040	0.2087	17234.46	17258.46	24.00	107.9
30-Dec-11	Fine	17.7	1023.0	1.34	1.34	1.34	1933.9	2.7599	2.8769	0.1170	17258.46	17282.46	24.00	60.5

### 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 <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		
1-Dec-11	Fine	18.7	1017.2	1.35	1.35	1.35	1938.2	2.7882	2.915	0.1268	13711.12	13735.12	24.00	65.4
7-Dec-11	Sunny	22.3	1016.7	1.35	1.35	1.35	1938.2	2.7758	2.856	0.0802	13735.12	13759.12	24.00	41.4
13-Dec-11	Sunny	17.1	1019.5	1.35	1.35	1.35	1938.2	2.8045	2.9028	0.0983	13759.12	13783.12	24.00	50.7
19-Dec-11	Sunny	16.7	1021.4	1.35	1.35	1.35	1938.2	2.7989	2.8927	0.0938	13783.12	13807.12	24.00	48.4
24-Dec-11	Sunny	13.0	1023.8	1.35	1.35	1.35	1938.2	2.7873	2.9791	0.1918	13807.12	13831.12	24.00	99.0
30-Dec-11	Fine	17.7	1023.0	1.35	1.35	1.35	1938.2	2.7611	2.8363	0.0752	13831.12	13855.12	24.00	38.8

### 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		
1-Dec-11	Fine	18.7	1017.2	1.35	1.35	1.35	1941.1	2.7963	2.8831	0.0868	17442.59	17466.59	24.00	44.7
7-Dec-11	Sunny	22.3	1016.7	1.35	1.35	1.35	1941.1	2.7896	2.8405	0.0509	17466.59	17490.59	24.00	26.2
13-Dec-11	Sunny	17.1	1019.5	1.35	1.35	1.35	1941.1	2.7988	2.8591	0.0603	17490.59	17514.59	24.00	31.1
19-Dec-11	Sunny	16.7	1021.4	1.35	1.35	1.35	1941.1	2.7755	2.8726	0.0971	17514.59	17538.59	24.00	50.0
24-Dec-11	Sunny	13.0	1023.8	1.35	1.35	1.35	1941.1	2.7728	2.9410	0.1682	17538.59	17562.59	24.00	86.7
30-Dec-11	Fine	17.7	1023.0	1.35	1.35	1.35	1941.1	2.7386	2.8093	0.0707	17562.59	17586.59	24.00	36.4

### 24-hour TSP Monitoring Results at Station AM4A (Roof of Switch Room at 168 Shek Kwu Lung Village)

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		
1-Dec-11	Fine	18.7	1017.2	1.34	1.34	1.34	1933.9	2.7784	2.9159	0.1375	13570.36	13594.36	24.00	71.1
7-Dec-11	Sunny	22.3	1016.7	1.34	1.34	1.34	1933.9	2.7729	2.8579	0.0850	13594.36	13618.36	24.00	44.0
13-Dec-11	Sunny	17.1	1019.5	1.34	1.34	1.34	1933.9	2.8071	2.9617	0.1546	13618.36	13642.36	24.00	79.9
19-Dec-11	Sunny	16.7	1021.4	1.34	1.34	1.34	1933.9	2.7839	2.9473	0.1634	13642.36	13666.36	24.00	84.5
24-Dec-11	Sunny	13.0	1023.8	1.35	1.35	1.35	1942.6	2.7899	3.0546	0.2647	13666.36	13690.36	24.00	136.3
30-Dec-11	Fine	17.7	1023.0	1.35	1.35	1.35	1942.6	2.7641	2.8920	0.1279	13690.36	13714.36	24.00	65.8