

## 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		
2-Jan-13	Sunny	16.8	1019.4	1.33	1.33	1.33	1916.6	2.7565	2.8718	0.1153	18818.46	18842.46	24.00	60.2
8-Jan-13	Sunny	17.5	1017.5	1.33	1.33	1.33	1916.6	2.7591	2.9825	0.2234	18842.46	18866.46	24.00	116.6
14-Jan-13	Sunny	15.7	1019.1	1.33	1.33	1.33	1916.6	2.8046	2.9198	0.1152	18866.46	18890.46	24.00	60.1
19-Jan-13	Sunny	15.0	1023.4	1.33	1.33	1.33	1916.6	2.7815	2.9242	0.1427	18890.46	18914.46	24.00	74.5
25-Jan-13	Sunny	18.1	1019.2	1.33	1.33	1.33	1916.6	2.7661	2.9275	0.1614	18914.46	18938.46	24.00	84.2
31-Jan-13	Sunny	18.6	1027.1	1.33	1.33	1.33	1916.6	2.7842	2.8950	0.1108	18938.46	18962.46	24.00	57.8

### 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		
2-Jan-13	Sunny	16.8	1019.4	1.33	1.33	1.33	1921.0	2.7691	2.8659	0.0968	15391.12	15415.12	24.00	50.4
8-Jan-13	Sunny	17.5	1017.5	1.33	1.33	1.33	1921.0	2.7895	2.9557	0.1662	15415.12	15439.12	24.00	86.5
14-Jan-13	Sunny	15.7	1019.1	1.33	1.33	1.33	1921.0	2.8040	2.8913	0.0873	15439.12	15463.12	24.00	45.4
19-Jan-13	Sunny	15.0	1023.4	1.33	1.33	1.33	1921.0	2.7754	2.8916	0.1162	15463.12	15487.12	24.00	60.5
25-Jan-13	Sunny	18.1	1019.2	1.32	1.32	1.32	1905.1	2.8042	2.8344	0.0302	15487.12	15511.12	24.00	15.9
31-Jan-13	Sunny	18.6	1027.1	1.33	1.33	1.33	1921.0	2.8016	2.8801	0.0785	15511.12	15535.12	24.00	40.9

### 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		
2-Jan-13	Sunny	16.8	1019.4	1.32	1.32	1.32	1905.4	2.7929	2.8517	0.0588	19122.59	19146.59	24.00	30.9
8-Jan-13	Sunny	17.5	1017.5	1.32	1.32	1.32	1905.1	2.7937	2.9156	0.1219	19146.59	19170.59	24.00	64.0
14-Jan-13	Sunny	15.7	1019.1	1.32	1.32	1.32	1905.1	2.7960	2.8746	0.0786	19170.59	19194.59	24.00	41.3
19-Jan-13	Sunny	15.0	1023.4	1.32	1.32	1.32	1905.1	2.7846	2.8795	0.0949	19194.59	19218.59	24.00	49.8
25-Jan-13	Sunny	18.1	1019.2	1.32	1.32	1.32	1905.1	2.8194	2.9213	0.1019	19218.59	19242.59	24.00	53.5
31-Jan-13	Sunny	18.6	1027.1	1.32	1.32	1.32	1905.1	2.7919	2.8604	0.0685	19242.59	19266.59	24.00	36.0

### 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		
2-Jan-13	Sunny	16.8	1019.4	1.34	1.34	1.34	1925.3	2.7908	2.9369	0.1461	15250.36	15274.36	24.00	75.9
8-Jan-13	Sunny	17.5	1017.5	1.34	1.34	1.34	1925.3	2.765	2.9819	0.2169	15274.36	15298.36	24.00	112.7
14-Jan-13	Sunny	15.7	1019.1	1.34	1.34	1.34	1925.3	2.7307	2.9474	0.2167	15298.36	15322.36	24.00	112.6
19-Jan-13	Sunny	15.0	1023.4	1.34	1.34	1.34	1925.3	2.7957	2.9511	0.1554	15322.36	15346.36	24.00	80.7
25-Jan-13	Sunny	18.1	1019.2	1.34	1.34	1.34	1925.3	2.8063	2.9890	0.1827	15346.36	15370.36	24.00	94.9
31-Jan-13	Sunny	18.6	1027.1	1.34	1.34	1.34	1925.3	2.7903	2.8993	0.1090	15370.36	15394.36	24.00	56.6