

## 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)	w Rate (m <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
2-Apr-13	Cloudy	21.1	1014.0	1.34	1.34	1.34	1933.9	2.759	2.9068	0.1478	19202.46	19226.46	24.00	76.4
8-Apr-13	Fine	18.8	1013.0	1.34	1.34	1.34	1933.9	2.7723	2.9013	0.1290	19226.46	19250.46	24.00	66.7
15-Apr-13	Fine	22.9	1010.9	1.34	1.34	1.34	1933.9	2.7055	2.9462	0.2407	19250.46	19274.46	24.00	124.5
19-Apr-13	Cloudy	25.2	1009.0	1.34	1.34	1.34	1933.9	3.6427	3.6825	0.0398	19274.46	19298.46	24.00	20.6
25-Apr-13	Rainy	26.0	1011.1	1.33	1.33	1.33	1921.0	2.7979	2.8510	0.0531	19298.46	19322.46	24.00	27.6

### 24-hour TSP Monitoring Results at Station AM2 (12 Shan Tong New Village G/F)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	w Rate (m <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
2-Apr-13	Cloudy	21.1	1014.0	1.35	1.35	1.35	1938.2	2.7613	2.867	0.1057	15775.12	15799.12	24.00	54.5
8-Apr-13	Fine	18.8	1013.0	1.35	1.35	1.35	1938.2	2.7792	2.8385	0.0593	15799.12	15823.12	24.00	30.6
15-Apr-13	Fine	22.9	1010.9	1.35	1.35	1.35	1938.2	2.7271	2.9033	0.1762	15823.12	15847.12	24.00	90.9
19-Apr-13	Cloudy	25.2	1009.0	1.35	1.35	1.35	1938.2	3.6444	3.6663	0.0219	15847.12	15871.12	24.00	11.3
25-Apr-13	Rainy	26.0	1011.1	1.33	1.33	1.33	1916.6	2.8072	2.8577	0.0505	15871.12	15895.12	24.00	26.3

### 24-hour TSP Monitoring Results at Station AM3 (Roof of Switch Room at Riverain Bayside)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	w Rate (m <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
2-Apr-13	Cloudy	21.1	1014.0	1.35	1.35	1.35	1941.1	2.7541	2.8458	0.0917	19504.59	19528.59	24.00	47.2
8-Apr-13	Fine	18.8	1013.0	1.35	1.35	1.35	1941.1	2.7726	2.846	0.0734	19528.59	19552.59	24.00	37.8
15-Apr-13	Fine	22.9	1010.9	1.35	1.35	1.35	1941.1	2.6913	2.8268	0.1355	19552.59	19576.59	24.00	69.8
19-Apr-13	Cloudy	25.2	1009.0	1.35	1.35	1.35	1941.1	3.6402	3.6513	0.0111	19576.59	19600.59	24.00	5.7
25-Apr-13	Rainy	26.0	1011.1	1.34	1.34	1.34	1926.7	2.8062	2.8546	0.0484	19600.59	19624.59	24.00	25.1

### 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)	w Rate (m <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m <sup>3</sup> )
				Initial	Final			Initial	Final		Initial	Final		
2-Apr-13	Cloudy	21.1	1014.0	1.35	1.35	1.35	1942.6	2.7694	2.9074	0.1380	15634.36	15658.36	24.00	71.0
8-Apr-13	Fine	18.8	1013.0	1.35	1.35	1.35	1942.6	2.7644	2.8853	0.1209	15658.36	15682.36	24.00	62.2
15-Apr-13	Fine	22.9	1010.9	1.35	1.35	1.35	1942.6	2.7163	2.9477	0.2314	15682.36	15706.36	24.00	119.1
19-Apr-13	Cloudy	25.2	1009.0	1.35	1.35	1.35	1942.6	3.6428	3.6567	0.0139	15706.36	15730.36	24.00	7.2
25-Apr-13	Rainy	26.0	1011.1	1.34	1.34	1.34	1928.2	2.7951	2.8410	0.0459	15730.36	15754.36	24.00	23.8