

## 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		
4-Jul-13	Sunny	29.7	1009.4	1.33	1.33	1.33	1921.0	3.6003	3.6048	0.0045	19586.46	19610.46	24.00	2.3
10-Jul-13	Fine	29	1009.0	1.33	1.33	1.33	1921.0	3.5382	3.5724	0.0342	19610.46	19634.46	24.00	17.8
16-Jul-13	Rainy	26.0	1008.5	1.33	1.33	1.33	1921.0	3.6275	3.6682	0.0407	19634.46	19658.46	24.00	21.2
22-Jul-13	Sunny	27.8	1008.1	1.33	1.33	1.33	1921.0	3.6800	3.7038	0.0238	19659.46	19683.46	24.00	12.4
27-Jul-13	Rainy	26.2	1004.8	1.33	1.33	1.33	1916.6	3.7076	3.7452	0.0376	19683.46	19707.46	24.00	19.6

### 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		
4-Jul-13	Sunny	29.7	1009.4	1.33	1.33	1.33	1916.6	3.5384	3.5945	0.0561	16159.12	16183.12	24.00	29.3
10-Jul-13	Fine	29	1009.0	1.33	1.33	1.33	1916.6	3.5343	3.5594	0.0251	16183.12	16207.12	24.00	13.1
16-Jul-13	Rainy	26.0	1008.5	1.33	1.33	1.33	1916.6	3.6210	3.6361	0.0151	16207.12	16231.12	24.00	7.9
22-Jul-13	Sunny	27.8	1008.1	1.33	1.33	1.33	1921.0	3.6825	3.6868	0.0043	16231.12	16255.12	24.00	2.2
27-Jul-13	Rainy	26.2	1004.8	1.34	1.34	1.34	1925.3	3.7094	3.7481	0.0387	16255.12	16279.12	24.00	20.1

### 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		
4-Jul-13	Sunny	29.7	1009.4	1.34	1.34	1.34	1926.7	3.5946	3.6061	0.0115	19888.59	19912.59	24.00	6.0
10-Jul-13	Fine	29	1009.0	1.34	1.34	1.34	1926.7	3.5393	3.5854	0.0461	19912.59	19936.59	24.00	23.9
16-Jul-13	Rainy	26.0	1008.5	1.34	1.34	1.34	1926.7	3.6213	3.6643	0.0430	19936.59	19960.59	24.00	22.3
22-Jul-13	Sunny	27.8	1008.1	1.33	1.33	1.33	1921.0	3.6785	3.7022	0.0237	19960.59	19984.59	24.00	12.3
27-Jul-13	Rainy	26.2	1004.8	1.33	1.33	1.33	1921.0	3.7325	3.7650	0.0325	19984.59	20008.59	24.00	16.9

### 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		
4-Jul-13	Sunny	29.7	1009.4	1.34	1.34	1.34	1928.2	3.5979	3.6242	0.0263	16018.36	16042.36	24.00	13.6
10-Jul-13	Fine	29	1009.0	1.34	1.34	1.34	1928.2	3.5405	3.5824	0.0419	16042.36	16066.36	24.00	21.7
16-Jul-13	Rainy	26.0	1008.5	1.34	1.34	1.34	1928.2	3.6185	3.6500	0.0315	16066.36	16090.36	24.00	16.3
22-Jul-13	Sunny	27.8	1008.1	1.33	1.33	1.33	1921.0	3.6775	3.7026	0.0251	16090.36	16114.36	24.00	13.1
27-Jul-13	Rainy	26.2	1004.8	1.33	1.33	1.33	1918.1	3.7258	3.7563	0.0305	16114.36	16138.36	24.00	15.9