

## 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		
3-Apr-12	Sunny	24.5	1016.9	1.34	1.34	1.34	1933.9	2.7669	2.8329	0.0660	17666.46	17690.46	24.00	34.1
10-Apr-12	Sunny	23.8	1013.8	1.34	1.34	1.34	1933.9	2.7693	2.8179	0.0486	17690.46	17714.46	24.00	25.1
14-Apr-12	Sunny	26.9	1011.2	1.34	1.34	1.34	1933.9	2.7924	2.8246	0.0322	17714.46	17738.46	24.00	16.7
20-Apr-12	Rainy	22.0	1008.7	1.34	1.34	1.34	1933.9	2.7558	2.7858	0.0300	17738.46	17762.46	24.00	15.5
26-Apr-12	Sunny	24.4	1009.9	1.34	1.34	1.34	1933.9	2.7591	2.8044	0.0453	17762.46	17786.46	24.00	23.4

### 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		
3-Apr-12	Sunny	24.5	1016.9	1.35	1.35	1.35	1938.2	2.7602	2.8452	0.0850	14239.12	14263.12	24.00	43.9
10-Apr-12	Sunny	23.8	1013.8	1.35	1.35	1.35	1938.2	2.782	2.8519	0.0699	14263.12	14287.12	24.00	36.1
14-Apr-12	Sunny	26.9	1011.2	1.35	1.35	1.35	1938.2	2.8026	2.8457	0.0431	14287.12	14311.12	24.00	22.2
20-Apr-12	Rainy	22.0	1008.7	1.35	1.35	1.35	1938.2	2.7561	2.7949	0.0388	14311.12	14335.12	24.00	20.0
26-Apr-12	Sunny	24.4	1009.9	1.35	1.35	1.35	1938.2	2.7486	2.8064	0.0578	14335.12	14359.12	24.00	29.8

### 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		
3-Apr-12	Sunny	24.5	1016.9	1.35	1.35	1.35	1941.1	2.7652	2.8441	0.0789	17970.59	17994.59	24.00	40.6
10-Apr-12	Sunny	23.8	1013.8	1.35	1.35	1.35	1941.1	2.7776	2.8238	0.0462	17994.59	18018.59	24.00	23.8
14-Apr-12	Sunny	26.9	1011.2	1.35	1.35	1.35	1941.1	2.8030	2.8293	0.0263	18018.59	18042.59	24.00	13.5
20-Apr-12	Rainy	22.0	1008.7	1.35	1.35	1.35	1941.1	2.7580	2.7899	0.0319	18042.59	18066.59	24.00	16.4
26-Apr-12	Sunny	24.4	1009.9	1.35	1.35	1.35	1941.1	2.7668	2.8115	0.0447	18066.59	18090.59	24.00	23.0

### 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		
3-Apr-12	Sunny	24.5	1016.9	1.35	1.35	1.35	1942.6	2.7582	2.8779	0.1197	14098.36	14122.36	24.00	61.6
10-Apr-12	Sunny	23.8	1013.8	1.35	1.35	1.35	1942.6	2.7763	2.8575	0.0812	14122.36	14146.36	24.00	41.8
14-Apr-12	Sunny	26.9	1011.2	1.35	1.35	1.35	1942.6	2.8039	2.8687	0.0648	14146.36	14170.36	24.00	33.4
20-Apr-12	Rainy	22.0	1008.7	1.35	1.30	1.30	1876.3	2.7602	2.7724	0.0122	14170.36	14194.36	24.00	6.4
26-Apr-12	Sunny	24.4	1009.9	1.34	1.34	1.34	1931.0	2.7450	2.8037	0.0587	14194.36	14218.36	24.00	30.4