

## 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-Apr-10	Sunny	23.0	1013.6	1.343	1.343	1.34	1.34	3.3936	3.4961	0.1025	14517.9	14541.9	24.0	53.0
7-Apr-10	Rainy	19.6	1016.7	1.343	1.343	1.34	1.34	3.4018	3.505	0.1032	14541.9	14565.9	24.0	53.4
13-Apr-10	Cloudy	24.6	1013.8	1.343	1.343	1.34	1.34	3.4216	3.5102	0.0886	14565.9	14589.9	24.0	45.8
19-Apr-10	Fine	22.0	1012.3	1.343	1.343	1.34	1.34	3.4259	3.547	0.1211	14589.9	14613.9	24.0	62.6
24-Apr-10	Fine	21.4	1018.2	1.343	1.343	1.34	1.34	3.426	3.635	0.2090	14613.9	14637.9	24.0	108.1
30-Apr-10	Cloudy	23.7	1010.6	1.34	1.34	1.34	1.34	3.4188	3.5221	0.1033	14637.86	14661.86	24.00	53.4

### 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		
7-Apr-10	Rainy	19.6	1016.7	1.35	1.35	1.35	1.35	3.3999	3.4560	0.0561	11190.17	11214.17	24.00	28.9
13-Apr-10	Cloudy	24.6	1013.8	1.35	1.35	1.35	1.35	3.4172	3.4784	0.0612	11214.17	11238.17	24.00	31.6
19-Apr-10	Fine	22.0	1012.3	1.35	1.35	1.35	1.35	3.4294	3.4950	0.0656	11238.17	11262.17	24.00	33.8
24-Apr-10	Fine	21.4	1018.2	1.35	1.35	1.35	1.35	3.4201	3.5423	0.1222	11262.17	11286.17	24.00	63.0
30-Apr-10	Cloudy	23.7	1010.6	1.35	1.35	1.35	1.35	3.4174	3.4787	0.0613	11286.17	11310.17	24.00	31.6

### 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-Apr-10	Sunny	23.0	1013.6	1.35	1.35	1.35	1.35	3.3968	3.4936	0.0968	14897.57	14921.57	24.00	49.9
7-Apr-10	Rainy	19.6	1016.7	1.35	1.35	1.35	1.35	3.4036	3.4604	0.0568	14921.57	14945.57	24.00	29.3
13-Apr-10	Cloudy	24.6	1013.8	1.35	1.35	1.35	1.35	3.4189	3.4901	0.0712	14945.57	14969.57	24.00	36.7
19-Apr-10	Fine	22.0	1012.3	1.35	1.35	1.35	1.35	3.4230	3.5196	0.0966	14969.57	14993.57	24.00	49.8
24-Apr-10	Fine	21.4	1018.2	1.35	1.35	1.35	1.35	3.4271	3.5745	0.1474	14993.57	15017.57	24.00	75.9
30-Apr-10	Cloudy	23.7	1010.6	1.35	1.35	1.35	1.35	3.4242	3.5188	0.0946	15017.57	15041.57	24.00	48.7

### 24-hour TSP Monitoring Results at Station AM4 (Roof of Tai Kwong Secondary School)

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-Apr-10	Sunny	23.0	1013.6	1.34	1.34	1.34	1.34	3.4073	3.4954	0.0881	11086.35	11110.35	24.00	45.7
7-Apr-10	Rainy	19.6	1016.7	1.34	1.34	1.34	1.34	3.4010	3.4890	0.0880	11110.35	11134.35	24.00	45.6
13-Apr-10	Cloudy	24.6	1013.8	1.34	1.34	1.34	1.34	3.4136	3.4880	0.0744	11134.35	11158.35	24.00	38.6
19-Apr-10	Fine	22.0	1012.3	1.34	1.34	1.34	1.34	3.4140	3.5106	0.0966	11158.35	11182.35	24.00	50.1
24-Apr-10	Fine	21.4	1018.2	1.34	1.34	1.34	1.34	3.4200	3.5545	0.1345	11182.35	11206.35	24.00	69.8
30-Apr-10	Cloudy	23.7	1010.6	1.34	1.34	1.34	1.34	3.4261	3.5172	0.0911	11206.35	11230.35	24.00	47.2