

## 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		
6-Sep-11	Sunny	29.3	1007.4	1.34	1.34	1.34	1933.9	2.8084	2.8671	0.0587	16778.46	16802.46	24.00	30.4
12-Sep-11	Sunny	28.5	1010.6	1.34	1.34	1.34	1933.9	2.7709	2.8181	0.0472	16802.46	16826.46	24.00	24.4
17-Sep-11	Sunny	29.4	1004.5	1.34	1.34	1.34	1933.9	2.7827	2.8089	0.0262	16826.46	16850.46	24.00	13.5
23-Sep-11	Fine	25.6	1009.7	1.34	1.34	1.34	1933.9	2.7797	2.8679	0.0882	16850.46	16874.46	24.00	45.6
30-Sep-11	Fine	27.7	1009.4	1.34	1.34	1.34	1933.9	2.7788	2.8177	0.0389	16874.46	16898.46	24.00	20.1

### 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		
6-Sep-11	Sunny	29.3	1007.4	1.34	1.34	1.34	1923.8	2.8099	2.8474	0.0375	13351.12	13375.12	24.00	19.5
12-Sep-11	Sunny	28.5	1010.6	1.35	1.35	1.35	1938.2	2.7617	2.7992	0.0375	13375.12	13399.12	24.00	19.3
17-Sep-11	Sunny	29.4	1004.5	1.32	1.32	1.32	1905.1	2.7984	2.8211	0.0227	13399.12	13423.12	24.00	11.9
23-Sep-11	Fine	25.6	1009.7	1.31	1.31	1.31	1890.7	2.7815	2.8063	0.0248	13423.12	13447.12	24.00	13.1
30-Sep-11	Fine	27.7	1009.4	1.35	1.35	1.35	1938.2	2.7525	2.7771	0.0246	13447.12	13471.12	24.00	12.7

### 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		
6-Sep-11	Sunny	29.3	1007.4	1.35	1.35	1.35	1941.1	2.8051	2.8556	0.0505	17082.59	17106.59	24.00	26.0
12-Sep-11	Sunny	28.5	1010.6	1.35	1.35	1.35	1941.1	2.7642	2.8119	0.0477	17106.59	17130.59	24.00	24.6
17-Sep-11	Sunny	29.4	1004.5	1.32	1.32	1.32	1903.7	2.7893	2.8253	0.0360	17130.59	17154.59	24.00	18.9
23-Sep-11	Fine	25.6	1009.7	1.35	1.35	1.35	1941.1	2.7932	2.9019	0.1087	17154.59	17178.59	24.00	56.0
30-Sep-11	Cloudy	27.7	1009.4	1.35	1.35	1.35	1941.1	2.7572	2.8069	0.0497	17178.59	17202.59	24.00	25.6

### 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		
6-Sep-11	Sunny	29.3	1007.4	1.35	1.35	1.35	1942.6	2.9262	2.9849	0.0587	13210.36	13234.36	24.00	30.2
12-Sep-11	Sunny	28.5	1010.6	1.35	1.35	1.35	1942.6	2.7394	2.7874	0.0480	13234.36	13258.36	24.00	24.7
17-Sep-11	Sunny	29.4	1004.5	1.35	1.35	1.35	1942.6	2.8132	2.8537	0.0405	13258.36	13282.36	24.00	20.8
23-Sep-11	Fine	25.6	1009.7	1.35	1.35	1.35	1942.6	2.7823	2.8878	0.1055	13282.36	13306.36	24.00	54.3
30-Sep-11	Cloudy	27.7	1009.4	1.35	1.35	1.35	1942.6	2.7712	2.8199	0.0487	13306.36	13330.36	24.00	25.1