

Impact Air Quality Monitoring Results

24-hour TSP Monitoring Results at Station AM1 (13 Ha Wun Yiu G/F)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
2-Feb-10	sunny	19.0	1015.5	1.343	1.343	1.3	1933.9	3.445	3.4986	0.05	14645.2	14669.2	24.0	27.7
8-Feb-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12-Feb-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18-Feb-10	*	*	*	*	*	*	*	*	*	*	*	*	*	*

* Suspended due to termination of power supply

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 ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
25-Feb-10	Sunny	16.4	1018.2	1.34	1.34	1.34	1933.9	3.4065	3.4778	0.0713	14373.86	14397.86	24.00	36.9

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 ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
1-Feb-10	Sunny	19.0	1015.5	1.32	1.32	1.32	1905.1	3.5351	3.5966	0.0615	10926.17	10950.17	24.00	32.3
6-Feb-10	Fine	18.0	1015.9	1.35	1.35	1.35	1938.2	3.4131	3.4845	0.0714	10950.17	10974.17	24.00	36.8
12-Feb-10	Fine	16.7	1020.0	1.35	1.35	1.35	1938.2	3.4158	3.4645	0.0487	10974.17	10998.17	24.00	25.1
18-Feb-10	Cloudy	9.1	1024.1	1.35	1.35	1.35	1938.2	3.4299	3.4534	0.0235	10998.17	11022.17	24.00	12.1
24-Feb-10	Sunny	16.4	1018.3	1.35	1.35	1.35	1938.2	3.4061	3.4393	0.0332	11022.17	11046.17	24.00	17.1

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

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
2-Feb-10	sunny	19.0	1015.5	1.37	1.37	1.37	1977.1	3.4014	3.5605	0.1591	14657.59	14681.59	24.00	80.5
8-Feb-10	Fine	18.0	1015.9	1.35	1.35	1.35	1941.1	3.4051	3.4805	0.0754	14681.59	14705.59	24.00	38.8
12-Feb-10	Fine	16.7	1020.0	1.35	1.35	1.35	1941.1	3.4122	3.4733	0.0611	14705.59	14729.59	24.00	31.5
19-Feb-10	Cloudy	9.1	1024.1	1.35	1.35	1.35	1941.1	3.4332	3.4908	0.0576	14729.59	14753.59	24.00	29.7
25-Feb-10	Sunny	16.4	1018.2	1.35	1.35	1.35	1941.1	3.4244	3.4924	0.0680	14753.59	14777.59	24.00	35.0

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 ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Filter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
2-Feb-10	sunny	19.0	1015.5	1.34	1.34	1.34	1928.2	3.4140	3.5375	0.1235	10846.55	10870.55	24.00	64.1
8-Feb-10	Fine	18.0	1015.9	1.34	1.34	1.34	1928.2	3.4110	3.4780	0.0670	10870.55	10894.55	24.00	34.7
12-Feb-10	Fine	16.7	1020.0	1.34	1.34	1.34	1928.2	3.4126	3.4627	0.0501	10894.55	10918.55	24.00	26.0
19-Feb-10	Cloudy	9.1	1024.1	1.34	1.34	1.34	1928.2	3.4263	3.4760	0.0497	10918.55	10942.55	24.00	25.8
25-Feb-10	Sunny	16.4	1018.2	1.34	1.34	1.34	1928.2	3.3991	3.4593	0.0602	10942.55	10966.55	24.00	31.2