

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		
5-Dec-09	Cloudy	17.3	1019.7	1.343	1.343	1.3	1933.9	3.5592	3.6892	0.13	14404.2	14428.2	24.0	67.2
11-Dec-09	Sunny	21.0	1016.6	1.316	1.316	1.3	1895.0	3.5128	3.5819	0.07	14428.2	14452.2	24.0	36.5
17-Dec-09	Sunny	12.9	1023.4	1.32	1.32	1.32	1895.0	3.5202	3.5864	0.0662	14452.18	14476.18	24.00	34.9
23-Dec-09	Sunny	18.0	1019.1	1.34	1.34	1.34	1933.9	3.4262	3.5295	0.1033	14476.18	14500.18	24.00	53.4
29-Dec-09	Cloudy	15.5	1015.1	1.34	1.34	1.34	1933.9	3.4236	3.5284	0.1048	14500.18	14524.18	24.00	54.2

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		
4-Dec-09	Cloudy	19.0	1020.1	1.323	1.323	1.3	1905.1	3.5718	3.719	0.15	10685.2	10709.2	24.0	77.3
10-Dec-09	Sunny	18.4	1020.3	1.323	1.323	1.3	1905.1	3.5031	3.597	0.09	10709.2	10733.2	24.0	49.3
16-Dec-09	Sunny	17.6	1021.0	1.32	1.32	1.32	1905.1	3.5166	3.6518	0.1352	10733.17	10757.17	24.00	71.0
22-Dec-09	Sunny	17.0	1020.8	1.35	1.35	1.35	1938.2	3.4268	3.5193	0.0925	10757.17	10781.17	24.00	47.7
28-Dec-09	Cloudy	16.7	1020.6	1.32	1.32	1.32	1905.1	3.4195	3.4972	0.0777	10781.17	10805.17	24.00	40.8

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 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		
5-Dec-09	Cloudy	17.3	1019.7	1.35	1.35	1.35	1941.1	3.5852	3.7501	0.1649	14416.59	14440.59	24.00	85.0
11-Dec-09	Sunny	21.0	1016.6	1.32	1.32	1.32	1903.7	3.5005	3.5881	0.0876	14440.59	14464.59	24.00	46.0
17-Dec-09	Sunny	12.9	1023.4	1.35	1.35	1.35	1941.1	3.5161	3.6051	0.0890	14464.59	14488.59	24.00	45.8
23-Dec-09	Sunny	18.0	1019.1	1.35	1.35	1.35	1941.1	3.4262	3.5426	0.1164	14488.59	14512.59	24.00	60.0
29-Dec-09	Cloudy	15.5	1015.1	1.35	1.35	1.35	1941.1	3.4218	3.4796	0.0578	14512.59	14536.59	24.00	29.8

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		
5-Dec-09	Cloudy	17.3	1019.7	1.34	1.34	1.34	1928.2	3.5846	3.7691	0.1845	10605.55	10629.55	24.00	95.7
11-Dec-09	Sunny	21.0	1016.6	1.34	1.34	1.34	1928.2	3.5036	3.5809	0.0773	10629.55	10653.55	24.00	40.1
17-Dec-09	Sunny	12.9	1023.4	1.34	1.34	1.34	1928.2	3.5171	3.6052	0.0881	10653.55	10677.55	24.00	45.7
23-Dec-09	Sunny	18.0	1019.1	1.34	1.34	1.34	1928.2	3.4236	3.5443	0.1207	10677.55	10701.55	24.00	62.6
29-Dec-09	Cloudy	15.5	1015.1	1.34	1.34	1.34	1929.6	3.4232	3.5489	0.1257	10701.55	10725.55	24.00	65.1