

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 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		
6-Feb-12	Fine	18.5	1011.3	1.34	1.34	1.34	1933.9	2.794	2.8415	0.0475	17426.46	17450.46	24.00	24.6
11-Feb-12	Fine	14.0	1021.4	1.34	1.34	1.34	1933.9	2.7565	2.8249	0.0684	17450.46	17474.46	24.00	35.4
17-Feb-12	Cloudy	14.9	1020.2	1.34	1.34	1.34	1933.9	2.7630	2.8323	0.0693	17474.46	17498.46	24.00	35.8
23-Feb-12	Cloudy	19.9	1008.9	1.34	1.34	1.34	1933.9	2.9092	2.9380	0.0288	17498.46	17522.46	24.00	14.9
29-Feb-12	Fine	14.7	1014.2	1.33	1.33	1.33	1921.0	2.8902	2.9174	0.0272	17522.46	17546.46	24.00	14.2

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		
6-Feb-12	Fine	18.5	1011.3	1.35	1.35	1.35	1938.2	2.7422	2.7915	0.0493	13999.12	14023.12	24.00	25.4
11-Feb-12	Fine	14.0	1021.4	1.35	1.35	1.35	1938.2	2.7523	2.7958	0.0435	14023.12	14047.12	24.00	22.4
17-Feb-12	Cloudy	14.9	1020.2	1.35	1.35	1.35	1938.2	2.7583	2.8371	0.0788	14047.12	14071.12	24.00	40.7
23-Feb-12	Cloudy	19.9	1008.9	1.35	1.35	1.35	1938.2	2.9012	2.9326	0.0314	14071.12	14095.12	24.00	16.2
29-Feb-12	Fine	14.7	1014.2	1.32	1.32	1.32	1905.1	2.8961	2.9658	0.0697	14095.12	14119.12	24.00	36.6

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 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		
6-Feb-12	Fine	18.5	1011.3	1.35	1.35	1.35	1941.1	2.7388	2.7889	0.0501	17730.59	17754.59	24.00	25.8
11-Feb-12	Fine	14.0	1021.4	1.35	1.35	1.35	1941.1	2.7729	2.8389	0.0660	17754.59	17778.59	24.00	34.0
17-Feb-12	Cloudy	14.9	1020.2	1.35	1.35	1.35	1941.1	2.7582	2.8195	0.0613	17778.59	17802.59	24.00	31.6
23-Feb-12	Cloudy	19.9	1008.9	1.35	1.35	1.35	1941.1	2.9124	2.9506	0.0382	17802.59	17826.59	24.00	19.7
29-Feb-12	Fine	14.7	1014.2	1.34	1.34	1.34	1923.8	2.9056	2.9362	0.0306	17826.59	17850.59	24.00	15.9

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 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		
6-Feb-12	Fine	18.5	1011.3	1.35	1.35	1.35	1942.6	2.7536	2.8227	0.0691	13858.36	13882.36	24.00	35.6
11-Feb-12	Fine	14.0	1021.4	1.35	1.35	1.35	1942.6	2.7706	2.8988	0.1282	13882.36	13906.36	24.00	66.0
17-Feb-12	Cloudy	14.9	1020.2	1.35	1.35	1.35	1942.6	2.7507	2.8520	0.1013	13906.36	13930.36	24.00	52.1
23-Feb-12	Cloudy	19.9	1008.9	1.35	1.35	1.35	1942.6	2.9290	2.9754	0.0464	13930.36	13954.36	24.00	23.9
29-Feb-12	Fine	14.7	1014.2	1.34	1.34	1.34	1928.2	2.8934	2.9483	0.0549	13954.36	13978.36	24.00	28.5