

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		
1-Sep-10	Sunny	31.2	1002.9	1.34	1.34	1.34	1933.92	2.7783	2.9026	0.1243	15141.9	15165.9	24.0	64.3
6-Sep-10	Cloudy	29.3	1007.9	1.34	1.34	1.34	1933.92	2.7866	2.8437	0.0571	15165.9	15189.9	24.0	29.5
11-Sep-10	Fine	25.5	1008.9	1.34	1.34	1.34	1933.92	2.7606	2.805	0.0444	15179.9	15203.9	24.0	23.0
17-Sep-10	Sunny	29.1	1009.0	1.34	1.34	1.34	1933.92	2.7989	2.8415	0.0426	15203.9	15227.9	24.0	22.0
22-Sep-10	Sunny	25.4	1011.5	1.34	1.34	1.34	1933.92	2.7942	2.8593	0.0651	15227.9	15251.9	24.0	33.7
29-Sep-10	Sunny	28.5	1013.4	1.34	1.34	1.34	1933.92	2.7770	2.8427	0.0657	15251.86	15275.86	24.00	34.0

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-Sep-10	Sunny	31.2	1002.9	1.35	1.35	1.35	1938.24	2.7947	2.8292	0.0345	11790.17	11814.17	24.00	17.8
6-Sep-10	Cloudy	29.3	1007.9	1.35	1.35	1.35	1938.24	2.7585	2.8778	0.1193	11814.17	11838.17	24.00	61.6
11-Sep-10	Fine	25.5	1008.9	1.29	1.29	1.29	1859.04	2.7593	2.8105	0.0512	11838.17	11862.17	24.00	27.5
17-Sep-10	Sunny	29.1	1009.0	1.34	1.34	1.34	1932.48	2.8080	2.9104	0.1024	11862.17	11886.17	24.00	53.0
22-Sep-10	Sunny	25.4	1011.5	1.35	1.35	1.35	1938.24	2.7813	2.8700	0.0887	11886.17	11910.17	24.00	45.8
29-Sep-10	Sunny	28.5	1013.4	1.35	1.35	1.35	1938.24	2.7744	2.8040	0.0296	11910.12	11934.12	24.00	15.3

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		
1-Sep-10	Sunny	31.2	1002.9	1.35	1.35	1.35	1941.12	2.7823	2.8591	0.0768	15521.59	15545.59	24.00	39.6
6-Sep-10	Cloudy	29.3	1007.9	1.35	1.35	1.35	1940.98	2.7531	2.8237	0.0706	15545.59	15569.59	24.00	36.4
11-Sep-10	Fine	25.5	1008.9	1.35	1.35	1.35	1941.12	2.7846	2.8393	0.0547	15569.59	15593.59	24.00	28.2
17-Sep-10	Sunny	29.1	1009.0	1.35	1.35	1.35	1941.12	2.8110	2.8860	0.0750	15593.59	15617.59	24.00	38.6
22-Sep-10	Sunny	25.4	1011.5	1.35	1.35	1.35	1941.12	2.7632	2.8195	0.0563	15617.59	15641.59	24.00	29.0
29-Sep-10	Sunny	28.5	1013.4	1.35	1.35	1.35	1941.12	2.7719	2.8401	0.0682	15641.59	15665.59	24.00	35.1

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		
1-Sep-10	Sunny	31.2	1002.9	1.34	1.34	1.34	1928.16	2.7810	2.9637	0.1827	11649.35	11673.35	24.00	94.8
6-Sep-10	Cloudy	29.3	1007.9	1.34	1.34	1.34	1928.16	2.7850	2.8450	0.0600	11673.35	11697.35	24.00	31.1
11-Sep-10	Fine	25.5	1008.9	1.34	1.34	1.34	1928.16	2.7899	2.8312	0.0413	11697.35	11721.35	24.00	21.4
17-Sep-10	Sunny	29.1	1009.0	1.34	1.34	1.34	1928.16	2.7996	2.8675	0.0679	11721.35	11745.35	24.00	35.2
22-Sep-10	Sunny	25.4	1011.5	1.34	1.34	1.34	1928.16	2.7710	2.8100	0.0390	11745.35	11769.35	24.00	20.2
29-Sep-10	Sunny	28.5	1013.4	1.34	1.34	1.34	1928.16	2.7792	2.8340	0.0548	11769.35	11793.35	24.00	28.4