

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		
5-Oct-12	Fine	26.6	1013.4	1.33	1.33	1.33	1921.0	2.8209	2.9305	0.1096	18434.46	18458.46	24.00	57.1
11-Oct-12	Sunny	25.8	1012.9	1.33	1.33	1.33	1921.0	2.8004	2.95	0.1496	18458.46	18482.46	24.00	77.9
17-Oct-12	Sunny	26.5	1014.1	1.33	1.33	1.33	1921.0	2.7401	2.9016	0.1615	18482.46	18506.46	24.00	84.1
22-Oct-12	Sunny	25.7	1015.9	1.33	1.33	1.33	1921.0	2.7299	2.8521	0.1222	18506.46	18530.46	24.00	63.6
27-Oct-12	Fine	26.1	1014.7	1.33	1.33	1.33	1921.0	2.8179	2.8835	0.0656	18530.46	18554.46	24.00	34.1

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 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-Oct-12	Fine	26.6	1013.4	1.33	1.33	1.33	1915.2	2.7978	2.8642	0.0664	15007.12	15031.12	24.00	34.7
11-Oct-12	Sunny	25.8	1012.9	1.33	1.33	1.33	1915.2	2.8055	2.913	0.1075	15031.12	15055.12	24.00	56.1
17-Oct-12	Sunny	26.5	1014.1	1.33	1.33	1.33	1915.2	2.6918	2.8108	0.1190	15055.12	15079.12	24.00	62.1
22-Oct-12	Sunny	25.7	1015.9	1.33	1.33	1.33	1915.2	2.7508	2.8375	0.0867	15079.12	15103.12	24.00	45.3
27-Oct-12	Fine	26.1	1014.7	1.33	1.33	1.33	1915.2	2.7772	2.8278	0.0506	15103.12	15127.12	24.00	26.4

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-Oct-12	Fine	26.6	1013.4	1.33	1.33	1.33	1916.6	2.8032	2.8908	0.0876	18738.59	18762.59	24.00	45.7
11-Oct-12	Sunny	25.8	1012.9	1.33	1.33	1.33	1916.6	2.8262	2.9542	0.1280	18762.59	18786.59	24.00	66.8
17-Oct-12	Sunny	26.5	1014.1	1.33	1.33	1.33	1916.6	2.7342	2.8769	0.1427	18786.59	18810.59	24.00	74.5
22-Oct-12	Sunny	25.7	1015.9	1.33	1.33	1.33	1916.6	2.7225	2.8049	0.0824	18810.59	18834.59	24.00	43.0
27-Oct-12	Fine	26.1	1014.7	1.33	1.33	1.33	1916.6	2.8172	2.872	0.0548	18834.59	18858.59	24.00	28.6

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 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-Oct-12	Fine	26.6	1013.4	1.34	1.34	1.34	1925.3	2.8012	2.947	0.1458	14866.36	14890.36	24.00	75.7
11-Oct-12	Sunny	25.8	1012.9	1.34	1.34	1.34	1925.3	2.8284	2.9319	0.1035	14890.36	14914.36	24.00	53.8
17-Oct-12	Sunny	26.5	1014.1	1.34	1.34	1.34	1925.3	2.6802	2.9023	0.2221	14914.36	14938.36	24.00	115.4
22-Oct-12	Sunny	25.7	1015.9	1.34	1.34	1.34	1925.3	2.7152	2.8841	0.1689	14938.36	14962.36	24.00	87.7
27-Oct-12	Fine	26.1	1014.7	1.34	1.34	1.34	1925.3	2.8126	2.8782	0.0656	14962.36	14986.36	24.00	34.1