

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)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
6-Feb-13	Sunny	21.3	1015.9	1.33	1.33	1.33	1916.6	2.8101	2.8588	0.0487	18962.46	18986.46	24.00	25.4
9-Feb-13	Sunny	14.1	1022.6	1.33	1.33	1.33	1916.6	2.7882	2.8602	0.0720	18986.46	19010.46	24.00	37.6
15-Feb-13	Sunny	20.8	1016.9	1.33	1.33	1.33	1916.6	2.8187	2.8923	0.0736	19010.46	19034.46	24.00	38.4
21-Feb-13	Sunny	17.7	1020.4	1.33	1.33	1.33	1916.6	2.8057	2.8966	0.0909	19034.46	19058.46	24.00	47.4
27-Feb-13	Sunny	22.7	1014.0	1.33	1.33	1.33	1916.6	2.7137	2.8346	0.1209	19058.46	19082.46	24.00	63.1

24-hour TSP Monitoring Results at Station AM2 (12 Shan Tong New Village G/F)

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
6-Feb-13	Sunny	21.3	1015.9	1.33	1.33	1.33	1921.0	2.714	2.7292	0.0152	15535.12	15559.12	24.00	7.9
9-Feb-13	Sunny	14.1	1022.6	1.33	1.33	1.33	1921.0	2.8301	2.8844	0.0543	15559.12	15583.12	24.00	28.3
15-Feb-13	Sunny	20.8	1016.9	1.33	1.33	1.33	1921.0	2.8123	2.8508	0.0385	15583.12	15607.12	24.00	20.0
21-Feb-13	Sunny	17.7	1020.4	1.33	1.33	1.33	1921.0	2.8135	2.8875	0.0740	15607.12	15631.12	24.00	38.5
27-Feb-13	Sunny	22.7	1014.0	1.33	1.33	1.33	1921.0	2.6982	2.7707	0.0725	15631.12	15655.12	24.00	37.7

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

Date	Weather Condition	Air Temp. (°C)	Atmospheric Pressure(hPa)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
6-Feb-13	Sunny	21.3	1015.9	1.32	1.32	1.32	1905.1	2.7221	2.7543	0.0322	19266.59	19290.59	24.00	16.9
9-Feb-13	Sunny	14.1	1022.6	1.32	1.32	1.32	1905.1	2.8273	2.8511	0.0238	19290.59	19314.59	24.00	12.5
15-Feb-13	Sunny	20.8	1016.9	1.32	1.32	1.32	1905.1	2.8054	2.8406	0.0352	19314.59	19338.59	24.00	18.5
21-Feb-13	Sunny	17.7	1020.4	1.32	1.32	1.32	1905.1	2.8177	2.8388	0.0211	19338.59	19362.59	24.00	11.1
27-Feb-13	Sunny	22.7	1014.0	1.32	1.32	1.32	1905.1	2.6981	2.7867	0.0886	19362.59	19386.59	24.00	46.5

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)	w Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	lter Weight (g)		Particulate weight(g)	Elapse Time		Sampling Time(hrs.)	Conc. (µg/m ³)
				Initial	Final			Initial	Final		Initial	Final		
6-Feb-13	Sunny	21.3	1015.9	1.34	1.34	1.34	1925.3	2.7562	2.8078	0.0516	15394.36	15418.36	24.00	26.8
9-Feb-13	Sunny	14.1	1022.6	1.34	1.34	1.34	1925.3	2.8261	2.8642	0.0381	15418.36	15442.36	24.00	19.8
15-Feb-13	Sunny	20.8	1016.9	1.34	1.34	1.34	1925.3	2.7238	2.8592	0.1354	15442.36	15466.36	24.00	70.3
21-Feb-13	Sunny	17.7	1020.4	1.34	1.34	1.34	1925.3	2.8232	2.9438	0.1206	15466.36	15490.36	24.00	62.6
27-Feb-13	Sunny	22.7	1014.0	1.34	1.34	1.34	1925.3	2.6818	2.7654	0.0836	15490.36	15514.36	24.00	43.4