

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		
4-Mar-13	Sunny	16.7	1023.4	1.33	1.33	1.33	1916.6	2.723	2.8371	0.1141	19082.46	19106.46	24.00	59.5
11-Mar-13	Fine	20.3	1016.7	1.33	1.33	1.33	1916.6	2.7409	2.8747	0.1338	19106.46	19130.46	24.00	69.8
15-Mar-13	Sunny	19.2	1021.3	1.33	1.33	1.33	1916.6	2.8130	2.9638	0.1508	19130.46	19154.46	24.00	78.7
21-Mar-13	Sunny	20.8	1013.8	1.34	1.34	1.34	1933.9	2.8097	2.9141	0.1044	19154.46	19178.46	24.00	54.0
27-Mar-13	Rainy	20.0	1013.1	1.34	1.34	1.34	1933.9	2.7496	2.8195	0.0699	19178.46	19202.46	24.00	36.1

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		
4-Mar-13	Sunny	16.7	1023.4	1.33	1.33	1.33	1921.0	2.7239	2.8228	0.0989	15655.12	15679.12	24.00	51.5
11-Mar-13	Fine	20.3	1016.7	1.33	1.33	1.33	1921.0	2.7092	2.803	0.0938	15679.12	15703.12	24.00	48.8
15-Mar-13	Sunny	19.2	1021.3	1.33	1.33	1.33	1921.0	2.8082	2.9435	0.1353	15703.12	15727.12	24.00	70.4
21-Mar-13	Sunny	20.8	1013.8	1.35	1.35	1.35	1938.2	2.8135	2.8863	0.0728	15727.12	15751.12	24.00	37.6
27-Mar-13	Rainy	20.0	1013.1	1.35	1.35	1.35	1938.2	2.7433	2.7820	0.0387	15751.12	15775.12	24.00	20.0

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		
4-Mar-13	Sunny	16.7	1023.4	1.32	1.32	1.32	1905.1	2.6688	2.7275	0.0587	19386.59	19410.59	24.00	30.8
11-Mar-13	Fine	20.3	1016.7	1.32	1.32	1.32	1905.1	2.7201	2.7935	0.0734	19410.59	19434.59	24.00	38.5
15-Mar-13	Sunny	19.2	1021.3	1.32	1.32	1.32	1905.1	2.8085	2.8855	0.0770	19434.59	19458.59	24.00	40.4
21-Mar-13	Sunny	20.8	1013.8	1.35	1.35	1.35	1941.1	2.8169	2.8781	0.0612	19458.59	19482.59	24.00	31.5
27-Mar-13	Rainy	20.0	1013.1	1.35	1.35	1.35	1941.1	2.7555	2.7977	0.0422	19480.59	19504.59	24.00	21.7

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		
4-Mar-13	Sunny	16.7	1023.4	1.34	1.34	1.34	1925.3	2.7567	2.8608	0.1041	15514.36	15538.36	24.00	54.1
11-Mar-13	Fine	20.3	1016.7	1.34	1.34	1.34	1925.3	2.7352	2.8765	0.1413	15538.36	15562.36	24.00	73.4
15-Mar-13	Sunny	19.2	1021.3	1.34	1.34	1.34	1925.3	2.8194	2.9982	0.1788	15562.36	15586.36	24.00	92.9
21-Mar-13	Sunny	20.8	1013.8	1.35	1.35	1.35	1942.6	2.8104	2.9109	0.1005	15586.36	15610.36	24.00	51.7
27-Mar-13	Rainy	20.0	1013.1	1.35	1.35	1.35	1942.6	2.7594	2.8345	0.0751	15610.36	15634.36	24.00	38.7