

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		
4-Dec-13	Fine	19.2	1018.2	1.33	1.33	1.33	1916.6	2.6946	2.8206	0.1260	20235.46	20259.46	24.00	65.7
10-Dec-13	Fine	20.1	1014.5	1.33	1.33	1.33	1916.6	2.6915	2.948	0.2565	20259.46	20283.46	24.00	133.8
14-Dec-13	Cloudy	18.8	1018.8	1.33	1.33	1.33	1916.6	2.7498	2.9224	0.1726	20283.46	20307.46	24.00	90.1
20-Dec-13	Sunny	13.9	1022.9	1.33	1.33	1.33	1916.6	2.6677	2.8171	0.1494	20307.46	20331.46	24.00	77.9
24-Dec-13	Sunny	14.8	1023.1	1.33	1.33	1.33	1916.6	2.7739	2.9224	0.1485	20331.46	20355.46	24.00	77.5
30-Dec-13	Fine	13.8	1022.5	1.33	1.33	1.33	1916.6	2.8024	3.0145	0.2121	20355.46	20379.46	24.00	110.7

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		
4-Dec-13	Fine	19.2	1018.2	1.34	1.34	1.34	1925.3	2.6947	2.8258	0.1311	16807.12	16831.12	24.00	68.1
10-Dec-13	Fine	20.1	1014.5	1.34	1.34	1.34	1925.3	2.7220	2.7684	0.0464	16831.12	16855.12	24.00	24.1
14-Dec-13	Cloudy	18.8	1018.8	1.34	1.34	1.34	1925.3	2.7494	2.855	0.1056	16855.12	16879.12	24.00	54.8
20-Dec-13	Sunny	13.9	1022.9	1.34	1.34	1.34	1925.3	2.7329	2.8300	0.0971	16879.12	16903.12	24.00	50.4
24-Dec-13	Sunny	14.8	1023.1	1.34	1.34	1.34	1925.3	2.7656	2.8140	0.0484	16903.12	16927.12	24.00	25.1
30-Dec-13	Fine	13.8	1022.5	1.34	1.34	1.34	1925.3	2.8003	2.9013	0.1010	16927.12	16951.12	24.00	52.5

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		
4-Dec-13	Fine	19.2	1018.2	1.33	1.33	1.33	1921.0	2.6778	2.7619	0.0841	20536.59	20560.59	24.00	43.8
10-Dec-13	Fine	20.1	1014.5	1.33	1.33	1.33	1921.0	2.6924	2.7826	0.0902	20560.59	20584.59	24.00	47.0
14-Dec-13	Cloudy	18.8	1018.8	1.33	1.33	1.33	1921.0	2.7311	2.8887	0.1576	20584.59	20608.59	24.00	82.0
20-Dec-13	Sunny	13.9	1022.9	1.33	1.33	1.33	1921.0	2.7388	2.8044	0.0656	20608.59	20632.59	24.00	34.1
24-Dec-13	Sunny	14.8	1023.1	1.33	1.33	1.33	1921.0	2.8344	2.9411	0.1067	20632.59	20656.59	24.00	55.5
30-Dec-13	Fine	13.8	1022.5	1.33	1.33	1.33	1921.0	2.8034	2.9510	0.1476	20656.59	20680.59	24.00	76.8

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		
4-Dec-13	Fine	19.2	1018.2	1.33	1.33	1.33	1918.1	2.6968	2.7995	0.1027	16666.36	16690.36	24.00	53.5
10-Dec-13	Fine	20.1	1014.5	1.33	1.33	1.33	1918.1	2.6841	2.8815	0.1974	16690.36	16714.36	24.00	102.9
14-Dec-13	Cloudy	18.8	1018.8	1.33	1.33	1.33	1918.1	2.7100	2.8351	0.1251	16714.36	16738.36	24.00	65.2
20-Dec-13	Sunny	13.9	1022.9	1.33	1.33	1.33	1918.1	2.7329	2.8462	0.1133	16738.36	16762.36	24.00	59.1
24-Dec-13	Sunny	14.8	1023.1	1.33	1.33	1.33	1918.1	2.7606	2.8872	0.1266	16762.36	16786.36	24.00	66.0
30-Dec-13	Fine	13.8	1022.5	1.33	1.33	1.33	1918.1	2.7998	2.8504	0.0506	16786.36	16810.36	24.00	26.4