

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-Nov-12	Sunny	21.1	1016.9	1.33	1.33	1.33	1921.0	2.7957	2.8963	0.1006	18554.46	18578.46	24.00	52.4
7-Nov-12	Sunny	23.2	1015.6	1.33	1.33	1.33	1916.6	2.7739	2.9331	0.1592	18578.46	18602.46	24.00	83.1
13-Nov-12	Sunny	23.1	1016.3	1.33	1.33	1.33	1916.6	2.8040	2.9051	0.1011	18602.46	18626.46	24.00	52.7
19-Nov-12	Sunny	22.0	1016.8	1.33	1.33	1.33	1916.6	2.8218	2.9178	0.0960	18626.46	18650.46	24.00	50.1
24-Nov-12	Fine	19.5	1017.4	1.33	1.33	1.33	1916.6	2.8096	2.8676	0.0580	18650.46	18674.46	24.00	30.3
30-Nov-12	Fine	20.9	1013.3	1.33	1.33	1.33	1916.6	2.7947	2.8299	0.0352	18674.46	18698.46	24.00	18.4

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-Nov-12	Sunny	21.1	1016.9	1.33	1.33	1.33	1915.2	2.8066	2.9015	0.0949	15127.12	15151.12	24.00	49.6
7-Nov-12	Sunny	23.2	1015.6	1.33	1.33	1.33	1921.0	2.7997	2.9276	0.1279	15151.12	15175.12	24.00	66.6
13-Nov-12	Sunny	23.1	1016.3	1.33	1.33	1.33	1921.0	2.8007	2.8961	0.0954	15175.12	15199.12	24.00	49.7
19-Nov-12	Sunny	22.0	1016.8	1.33	1.33	1.33	1921.0	2.8054	2.8783	0.0729	15199.12	15223.12	24.00	37.9
24-Nov-12	Fine	19.5	1017.4	1.33	1.33	1.33	1921.0	2.8000	2.8763	0.0763	15223.12	15247.12	24.00	39.7
30-Nov-12	Fine	20.9	1013.3	1.33	1.33	1.33	1921.0	2.8152	2.8353	0.0201	15247.12	15271.12	24.00	10.5

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		
1-Nov-12	Sunny	21.1	1016.9	1.33	1.33	1.33	1916.6	2.8215	2.9375	0.1160	18858.59	18882.59	24.00	60.5
7-Nov-12	Sunny	23.2	1015.6	1.33	1.33	1.33	1919.5	2.7727	2.8894	0.1167	18882.59	18906.59	24.00	60.8
13-Nov-12	Sunny	23.1	1016.3	1.33	1.33	1.33	1917.4	2.8169	2.9053	0.0884	18906.59	18930.59	24.00	46.1
19-Nov-12	Sunny	22.0	1016.8	1.33	1.33	1.33	1919.5	2.7873	2.8811	0.0938	18930.59	18954.59	24.00	48.9
24-Nov-12	Fine	19.5	1017.4	1.33	1.33	1.33	1919.5	2.7942	2.8365	0.0423	18954.59	18978.59	24.00	22.0
30-Nov-12	Fine	20.9	1013.3	1.32	1.32	1.32	1905.1	2.8095	2.8348	0.0253	18978.59	19002.59	24.00	13.3

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		
1-Nov-12	Sunny	21.1	1016.9	1.34	1.34	1.34	1925.3	2.8232	2.949	0.1258	14986.36	15010.36	24.00	65.3
7-Nov-12	Sunny	23.2	1015.6	1.34	1.34	1.34	1925.3	2.7862	2.9588	0.1726	15010.36	15034.36	24.00	89.6
13-Nov-12	Sunny	23.1	1016.3	1.34	1.34	1.34	1925.3	2.8017	2.9763	0.1746	15034.36	15058.36	24.00	90.7
19-Nov-12	Sunny	22.0	1016.8	1.34	1.34	1.34	1925.3	2.7934	2.9463	0.1529	15058.36	15082.36	24.00	79.4
24-Nov-12	Fine	19.5	1017.4	1.34	1.34	1.34	1925.3	2.7951	2.8578	0.0627	15082.36	15106.36	24.00	32.6
30-Nov-12	Fine	20.9	1013.3	1.34	1.34	1.34	1925.3	2.7900	2.8206	0.0306	15106.36	15130.36	24.00	15.9