

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		
2-Aug-12	Sunny	31.8	997.1	1.33	1.33	1.33	1921.0	2.763	2.867	0.1040	18170.46	18194.46	24.00	54.1
8-Aug-12	Sunny	30.5	999.9	1.33	1.33	1.33	1921.0	2.7347	2.8568	0.1221	18194.46	18218.46	24.00	63.6
14-Aug-12	Cloudy	28.4	1004.8	1.33	1.33	1.33	1921.0	2.7894	2.8270	0.0376	18218.46	18242.46	24.00	19.6
20-Aug-12	Sunny	29.5	1006.3	1.33	1.33	1.33	1921.0	2.7809	2.8257	0.0448	18242.46	18266.46	24.00	23.3
25-Aug-12	Sunny	30.1	1003.6	1.33	1.33	1.33	1921.0	2.8733	2.9726	0.0993	18266.46	18290.46	24.00	51.7
31-Aug-12	Fine	28.5	1007.6	1.33	1.33	1.33	1921.0	2.8592	2.9691	0.1099	18290.46	18314.46	24.00	57.2

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		
2-Aug-12	Sunny	31.8	997.1	1.33	1.33	1.33	1915.2	2.5816	2.9271	0.3455	14743.12	14767.12	24.00	180.4
8-Aug-12	Sunny	30.5	999.9	1.33	1.33	1.33	1915.2	2.8649	3.0038	0.1389	14767.12	14791.12	24.00	72.5
14-Aug-12	Cloudy	28.4	1004.8	1.33	1.33	1.33	1915.2	2.7769	2.8142	0.0373	14791.12	14815.12	24.00	19.5
20-Aug-12	Sunny	29.5	1006.3	1.33	1.33	1.33	1915.2	2.8000	2.8354	0.0354	14815.12	14839.12	24.00	18.5
25-Aug-12	Sunny	30.1	1003.6	1.33	1.33	1.33	1915.2	2.8623	2.9620	0.0997	14839.12	14863.12	24.00	52.1
31-Aug-12	Fine	28.5	1007.6	1.33	1.33	1.33	1915.2	2.8881	2.9213	0.0332	14863.12	14887.12	24.00	17.3

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		
2-Aug-12	Sunny	31.8	997.1	1.33	1.33	1.33	1916.6	2.7392	2.8457	0.1065	18474.59	18498.59	24.00	55.6
8-Aug-12	Sunny	30.5	999.9	1.33	1.33	1.33	1916.6	2.7538	2.8933	0.1395	18498.59	18522.59	24.00	72.8
14-Aug-12	Cloudy	28.4	1004.8	1.33	1.33	1.33	1916.6	2.8002	2.8400	0.0398	18522.59	18546.59	24.00	20.8
20-Aug-12	Sunny	29.5	1006.3	1.33	1.33	1.33	1916.6	2.7801	2.8256	0.0455	18546.59	18570.59	24.00	23.7
25-Aug-12	Sunny	30.1	1003.6	1.33	1.33	1.33	1916.6	2.8623	2.9736	0.1113	18570.59	18594.59	24.00	58.1
31-Aug-12	Fine	28.5	1007.6	1.33	1.33	1.33	1916.6	2.8859	2.9254	0.0395	18594.59	18618.59	24.00	20.6

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		
2-Aug-12	Sunny	31.8	997.1	1.34	1.34	1.34	1925.3	2.7497	2.9119	0.1622	14602.36	14626.36	24.00	84.2
8-Aug-12	Sunny	30.5	999.9	1.34	1.34	1.34	1925.3	2.7203	2.8727	0.1524	14626.36	14650.36	24.00	79.2
14-Aug-12	Cloudy	28.4	1004.8	1.34	1.34	1.34	1925.3	2.7901	2.8305	0.0404	14650.36	14674.36	24.00	21.0
20-Aug-12	Sunny	29.5	1006.3	1.34	1.34	1.34	1925.3	2.7673	2.8287	0.0614	14674.36	14698.36	24.00	31.9
25-Aug-12	Sunny	30.1	1003.6	1.34	1.34	1.34	1925.3	2.8604	2.9818	0.1214	14698.36	14722.36	24.00	63.1
31-Aug-12	Fine	28.5	1007.6	1.34	1.34	1.34	1925.3	2.8769	2.9237	0.0468	14722.36	14746.36	24.00	24.3