

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-Jul-12	Sunny	29.6	1004.8	1.34	1.34	1.34	1925.3	2.8164	2.8484	0.0320	18050.46	18074.46	24.00	16.6
10-Jul-12	Sunny	29.9	1007.2	1.34	1.34	1.34	1925.3	2.8044	2.8461	0.0417	18074.46	18098.46	24.00	21.7
16-Jul-12	Sunny	29.8	1006.1	1.34	1.34	1.34	1925.3	2.7815	2.8165	0.0350	18098.46	18122.46	24.00	18.2
21-Jul-12	Sunny	30.1	1002.2	1.34	1.34	1.34	1925.3	2.7356	2.8214	0.0858	18122.46	18146.46	24.00	44.6
27-Jul-12	Rainy	25.8	1005.0	1.34	1.34	1.34	1925.3	2.6206	2.7431	0.1225	18146.46	18170.46	24.00	63.6

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-Jul-12	Sunny	29.6	1004.8	1.33	1.33	1.33	1921.0	2.586	2.8539	0.2679	14623.12	14647.12	24.00	139.5
10-Jul-12	Sunny	29.9	1007.2	1.31	1.31	1.31	1890.7	2.7541	2.8228	0.0687	14647.12	14671.12	24.00	36.3
16-Jul-12	Sunny	29.8	1006.1	1.33	1.33	1.33	1921.0	2.7960	2.8465	0.0505	14671.12	14695.12	24.00	26.3
21-Jul-12	Sunny	30.1	1002.2	1.33	1.33	1.33	1921.0	2.7242	2.8464	0.1222	14695.12	14719.12	24.00	63.6
27-Jul-12	Rainy	25.8	1005.0	1.33	1.33	1.33	1921.0	2.6667	2.6933	0.0266	14719.12	14743.12	24.00	13.8

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-Jul-12	Sunny	29.6	1004.8	1.33	1.33	1.33	1916.6	2.8096	2.8438	0.0342	18354.59	18378.59	24.00	17.8
10-Jul-12	Sunny	29.9	1007.2	1.33	1.33	1.33	1916.6	2.8062	2.826	0.0198	18378.59	18402.59	24.00	10.3
16-Jul-12	Sunny	29.8	1006.1	1.33	1.33	1.33	1916.6	2.7790	2.8219	0.0429	18402.59	18426.59	24.00	22.4
21-Jul-12	Sunny	30.1	1002.2	1.33	1.33	1.33	1916.6	2.7073	2.8518	0.1445	18426.59	18450.59	24.00	75.4
27-Jul-12	Rainy	25.8	1005.0	1.33	1.33	1.33	1916.6	2.6780	2.7716	0.0936	18450.59	18474.59	24.00	48.8

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-Jul-12	Sunny	29.6	1004.8	1.34	1.34	1.34	1928.2	2.7771	2.8305	0.0534	14482.36	14506.36	24.00	27.7
10-Jul-12	Sunny	29.9	1007.2	1.34	1.34	1.34	1928.2	2.7723	2.809	0.0367	14506.36	14530.36	24.00	19.0
16-Jul-12	Sunny	29.8	1006.1	1.34	1.34	1.34	1928.2	2.7546	2.8100	0.0554	14530.36	14554.36	24.00	28.7
21-Jul-12	Sunny	30.1	1002.2	1.34	1.34	1.34	1928.2	2.7194	2.8245	0.1051	14554.36	14578.36	24.00	54.5
27-Jul-12	Rainy	25.8	1005.0	1.34	1.34	1.34	1928.2	2.6568	2.7503	0.0935	14578.36	14602.36	24.00	48.5