

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-Nov-11	Sunny	25.4	1014.0	1.34	1.34	1.34	1933.9	2.8072	2.8841	0.0769	17018.46	17042.46	24.00	39.8
8-Nov-11	Rainy	22.7	1009.4	1.34	1.34	1.34	1925.3	2.7994	2.8202	0.0208	17042.46	17066.46	24.00	10.8
14-Nov-11	Fine	23.4	1017.9	1.34	1.34	1.34	1933.9	2.8279	2.9476	0.1197	17066.46	17090.46	24.00	61.9
19-Nov-11	Cloudy	24.9	1012.0	1.34	1.34	1.34	1933.9	2.8219	2.8595	0.0376	17090.46	17114.46	24.00	19.4
25-Nov-11	Fine	20.5	1020.4	1.34	1.34	1.34	1933.9	2.8034	2.9368	0.1334	17114.46	17138.46	24.00	69.0

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-Nov-11	Sunny	25.4	1014.0	1.34	1.34	1.34	1931.0	2.7979	2.8782	0.0803	13591.12	13615.12	24.00	41.6
8-Nov-11	Rainy	22.7	1009.4	1.33	1.33	1.33	1921.0	2.8093	2.829	0.0197	13615.12	13639.12	24.00	10.3
14-Nov-11	Fine	23.4	1017.9	1.35	1.35	1.35	1938.2	2.8167	2.9170	0.1003	13639.12	13663.12	24.00	51.7
19-Nov-11	Cloudy	24.9	1012.0	1.35	1.35	1.35	1938.2	2.7819	2.8225	0.0406	13663.12	13687.12	24.00	20.9
25-Nov-11	Fine	20.5	1020.4	1.35	1.35	1.35	1938.2	2.7949	2.8224	0.0275	13687.12	13711.12	24.00	14.2

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-Nov-11	Sunny	25.4	1014.0	1.35	1.35	1.35	1941.1	2.7931	2.8678	0.0747	17322.59	17346.59	24.00	38.5
8-Nov-11	Rainy	22.7	1009.4	1.28	1.28	1.28	1849.0	2.7863	2.7944	0.0081	17346.59	17370.59	24.00	4.4
14-Nov-11	Fine	23.4	1017.9	1.35	1.35	1.35	1941.1	2.7972	2.8940	0.0968	17370.59	17394.59	24.00	49.9
19-Nov-11	Cloudy	24.9	1012.0	1.35	1.35	1.35	1941.1	2.7739	2.8119	0.0380	17394.59	17418.59	24.00	19.6
25-Nov-11	Fine	20.5	1020.4	1.35	1.35	1.35	1941.1	2.8030	2.8914	0.0884	17418.59	17442.59	24.00	45.5

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-Nov-11	Sunny	25.4	1014.0	1.34	1.34	1.34	1933.9	2.7888	2.8866	0.0978	13450.36	13474.36	24.00	50.6
8-Nov-11	Rainy	22.7	1009.4	1.34	1.34	1.34	1931.0	2.7892	2.8224	0.0332	13474.36	13498.36	24.00	17.2
14-Nov-11	Fine	23.4	1017.9	1.34	1.34	1.34	1933.9	2.7801	2.9321	0.1520	13498.36	13522.36	24.00	78.6
19-Nov-11	Cloudy	24.9	1012.0	1.34	1.34	1.34	1933.9	2.7779	2.8266	0.0487	13522.36	13546.36	24.00	25.2
25-Nov-11	Fine	20.5	1020.4	1.34	1.34	1.34	1933.9	2.7912	2.9666	0.1754	13546.36	13570.36	24.00	90.7