

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-10	Sunny	29.4	1010.3	1.32	1.32	1.32	1895.04	2.708	2.7218	0.0138	15021.9	15045.9	24.0	7.3
7-Aug-10	Sunny	28.8	1004.5	1.34	1.34	1.34	1933.92	2.7434	2.8038	0.0604	15045.9	15069.9	24.0	31.2
13-Aug-10	Sunny	29.8	1008.7	1.34	1.34	1.34	1933.92	2.724	2.7715	0.0475	15069.9	15093.9	24.0	24.6
19-Aug-10	Sunny	27.5	1012.9	1.34	1.34	1.34	1933.92	2.7988	2.8505	0.0517	15093.9	15117.9	24.0	26.7
25-Aug-10	Sunny	28.4	1008.7	1.34	1.34	1.34	1933.92	2.7178	2.7582	0.0404	15117.86	15141.86	24.00	20.9

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-10	Sunny	29.4	1010.3	1.32	1.32	1.32	1903.68	2.7187	2.7274	0.0087	11670.17	11694.17	24.00	4.6
7-Aug-10	Sunny	28.8	1004.5	1.35	1.35	1.35	1938.24	2.7475	2.7693	0.0218	11694.17	11718.17	24.00	11.2
13-Aug-10	Sunny	29.8	1008.7	1.34	1.34	1.34	1923.84	2.7399	2.7716	0.0317	11718.17	11742.17	24.00	16.5
19-Aug-10	Sunny	27.5	1012.9	1.35	1.35	1.35	1938.24	2.8078	2.8406	0.0328	11742.17	11766.17	24.00	16.9
25-Aug-10	Sunny	28.4	1008.7	1.35	1.35	1.35	1938.24	2.7538	2.7994	0.0456	11766.17	11790.17	24.00	23.5

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		
2-Aug-10	Sunny	29.4	1010.3	1.35	1.35	1.35	1941.12	2.7022	2.7442	0.0420	15401.59	15425.59	24.00	21.6
7-Aug-10	Sunny	28.8	1004.5	1.35	1.35	1.35	1941.12	2.7738	2.8469	0.0731	15425.59	15449.59	24.00	37.7
13-Aug-10	Sunny	29.8	1008.7	1.35	1.35	1.35	1938.24	2.7309	2.7843	0.0534	15449.59	15473.59	24.00	27.6
19-Aug-10	Sunny	27.5	1012.9	1.35	1.35	1.35	1941.12	2.7880	2.8472	0.0592	15473.59	15497.59	24.00	30.5
25-Aug-10	Sunny	28.4	1008.7	1.35	1.35	1.35	1941.12	2.7451	2.8051	0.0600	15497.59	15521.59	24.00	30.9

24-hour TSP Monitoring Results at Station AM4 (Roof of Tai Kwong Secondary School)

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-10	Sunny	29.4	1010.3	1.34	1.34	1.34	1928.16	2.7335	2.7649	0.0314	11556.35	11580.35	24.00	16.3
7-Aug-10	Sunny	28.8	1004.5	1.34	1.34	1.34	1928.16	2.7450	2.8015	0.0565	11580.35	11604.35	24.00	29.3
13-Aug-10	Sunny	29.8	1008.7	1.35	1.35	1.35	1941.12	2.7318	2.7826	0.0508	11604.35	11628.35	24.00	26.2
19-Aug-10	Sunny	27.5	1012.9	1.34	1.34	1.34	1928.16	2.8054	2.8541	0.0487	11628.35	11652.35	24.00	25.3
25-Aug-10	Sunny	28.4	1008.7	1.34	1.34	1.34	1928.16	2.7492	2.7858	0.0366	11652.35	11676.35	24.00	19.0