

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-Oct-10	Fine	25.5	1013.7	1.34	1.34	1.34	1933.92	2.7845	2.8839	0.0994	15275.9	15299.9	24.0	51.4
11-Oct-10	Sunny	26.4	1012.0	1.34	1.34	1.34	1933.92	2.8177	2.8909	0.0732	15299.9	15323.9	24.0	37.9
14-Oct-10	Fine	27.9	1010.9	1.34	1.34	1.34	1933.92	2.8082	2.8713	0.0631	15323.9	15347.9	24.0	32.6
20-Oct-10	Fine	26.4	1006.4	1.34	1.34	1.34	1933.92	2.7754	2.8334	0.0580	15347.9	15371.9	24.0	30.0
26-Oct-10	Sunny	22.3	1016.2	1.34	1.34	1.34	1933.92	2.7900	2.9102	0.1202	15371.86	15395.86	24.00	62.2

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		
4-Oct-10	Fine	25.5	1013.7	1.35	1.35	1.35	1938.24	2.7852	2.8326	0.0474	11934.12	11958.12	24.00	24.5
11-Oct-10	Sunny	26.4	1012.0	1.35	1.35	1.35	1938.24	2.7916	2.8260	0.0344	11958.12	11982.12	24.00	17.7
14-Oct-10	Fine	27.9	1010.9	1.35	1.35	1.35	1938.24	2.7747	2.8133	0.0386	11982.12	12006.12	24.00	19.9
20-Oct-10	Fine	26.4	1006.4	1.35	1.35	1.35	1938.24	2.7749	2.8860	0.1111	12006.12	12030.12	24.00	57.3
26-Oct-10	Sunny	22.3	1016.2	1.35	1.35	1.35	1938.24	2.7351	2.8664	0.1313	12030.12	12054.12	24.00	67.7

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-Oct-10	Fine	25.5	1013.7	1.35	1.35	1.35	1941.12	2.7725	2.896	0.1235	15665.59	15689.59	24.00	63.6
11-Oct-10	Sunny	26.4	1012.0	1.35	1.35	1.35	1941.12	2.8062	2.8983	0.0921	15689.59	15713.59	24.00	47.4
14-Oct-10	Fine	27.9	1010.9	1.35	1.35	1.35	1941.12	2.7793	2.8458	0.0665	15713.59	15737.59	24.00	34.3
20-Oct-10	Fine	26.4	1006.4	1.35	1.35	1.35	1941.12	2.7769	2.9648	0.1879	15737.59	15761.59	24.00	96.8
26-Oct-10	Sunny	22.3	1016.2	1.35	1.35	1.35	1941.12	2.7570	2.9042	0.1472	15761.59	15785.59	24.00	75.8

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		
4-Oct-10	Fine	25.5	1013.7	1.34	1.34	1.34	1928.16	2.7731	2.8863	0.1132	11793.35	11817.35	24.01	58.7
11-Oct-10	Sunny	26.4	1012.0	1.34	1.34	1.34	1928.16	2.8132	2.8903	0.0771	11817.35	11841.35	24.00	40.0
14-Oct-10	Fine	27.9	1010.9	1.34	1.34	1.34	1928.16	2.7941	2.8575	0.0634	11841.35	11865.35	24.00	32.9
20-Oct-10	Fine	26.4	1006.4	1.34	1.34	1.34	1928.16	2.7632	2.9193	0.1561	11865.35	11889.35	24.00	81.0
26-Oct-10	Sunny	22.3	1016.2	1.34	1.34	1.34	1928.16	2.7508	2.8815	0.1307	11889.35	11913.35	24.00	67.8