

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		
5-Jan-12	Fine	11.0	1023.4	1.34	1.34	1.34	1933.9	2.7999	2.9323	0.1324	17282.46	17306.46	24.00	68.5
11-Jan-12	Sunny	16.0	1023.7	1.3	1.34	1.34	1933.9	2.7119	2.7913	0.0794	17306.46	17330.46	24.00	41.1
17-Jan-12	Sunny	16.5	1014.8	1.34	1.34	1.34	1933.9	2.7023	2.7645	0.0622	17330.46	17354.46	24.00	32.2
20-Jan-12	Cloudy	17.4	1015.5	1.34	1.34	1.34	1933.9	2.7147	2.7740	0.0593	17354.46	17378.46	24.00	30.7
26-Jan-12	Cloudy	11.2	1019.7	1.34	1.34	1.34	1933.9	2.6999	2.8134	0.1135	17378.46	17402.46	24.00	58.7
31-Jan-12	Fine	15.1	1021.3	1.34	1.34	1.34	1933.9	2.7691	2.8052	0.0361	17402.46	17426.46	24.00	18.7

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		
5-Jan-12	Fine	11.0	1023.4	1.35	1.35	1.35	1938.2	2.8052	2.9316	0.1264	13855.12	13879.12	24.00	65.2
11-Jan-12	Sunny	16.0	1023.7	1.35	1.35	1.35	1938.2	2.7122	2.7823	0.0701	13879.12	13903.12	24.00	36.2
17-Jan-12	Sunny	16.5	1014.8	1.35	1.35	1.35	1938.2	2.7024	2.7514	0.0490	13903.12	13927.12	24.00	25.3
20-Jan-12	Cloudy	17.4	1015.5	1.32	1.32	1.32	1905.1	2.7160	2.7622	0.0462	13927.12	13951.12	24.00	24.3
26-Jan-12	Cloudy	11.2	1019.7	1.35	1.35	1.35	1938.2	2.7041	2.8062	0.1021	13951.12	13975.12	24.00	52.7
31-Jan-12	Fine	15.1	1021.3	1.35	1.35	1.35	1938.2	2.7709	2.8098	0.0389	13975.12	13999.12	24.00	20.1

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		
5-Jan-12	Fine	11.0	1023.4	1.35	1.35	1.35	1941.1	2.7948	2.9004	0.1056	17586.59	17610.59	24.00	54.4
11-Jan-12	Sunny	16.0	1023.7	1.35	1.35	1.35	1941.1	2.7253	2.7929	0.0676	17610.59	17634.59	24.00	34.8
17-Jan-12	Sunny	16.5	1014.8	1.35	1.35	1.35	1941.1	2.6922	2.7422	0.0500	17634.59	17658.59	24.00	25.8
20-Jan-12	Cloudy	17.4	1015.5	1.35	1.35	1.35	1941.1	2.7138	2.7607	0.0469	17658.59	17682.59	24.00	24.2
26-Jan-12	Cloudy	11.2	1019.7	1.35	1.35	1.35	1941.1	2.7242	2.8161	0.0919	17682.59	17706.59	24.00	47.3
31-Jan-12	Fine	15.1	1021.3	1.35	1.35	1.35	1941.1	2.7566	2.8252	0.0686	17706.59	17730.59	24.00	35.3

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		
5-Jan-12	Fine	11.0	1023.4	1.35	1.35	1.35	1942.6	2.8064	2.9635	0.1571	13714.36	13738.36	24.00	80.9
11-Jan-12	Sunny	16.0	1023.7	1.35	1.35	1.35	1942.6	2.721	2.7995	0.0785	13738.36	13762.36	24.00	40.4
17-Jan-12	Sunny	16.5	1014.8	1.35	1.35	1.35	1938.2	2.7193	2.7975	0.0782	13762.36	13786.36	24.00	40.3
20-Jan-12	Cloudy	17.4	1015.5	1.35	1.35	1.35	1942.6	2.6840	2.7657	0.0817	13786.36	13810.36	24.00	42.1
26-Jan-12	Cloudy	11.2	1019.7	1.35	1.35	1.35	1942.6	2.6999	2.8324	0.1325	13810.36	13834.36	24.00	68.2
31-Jan-12	Fine	15.1	1021.3	1.35	1.35	1.35	1942.6	2.7568	2.8404	0.0836	13834.36	13858.36	24.00	43.0