

Appendix E - 1-hour TSP Monitoring Results

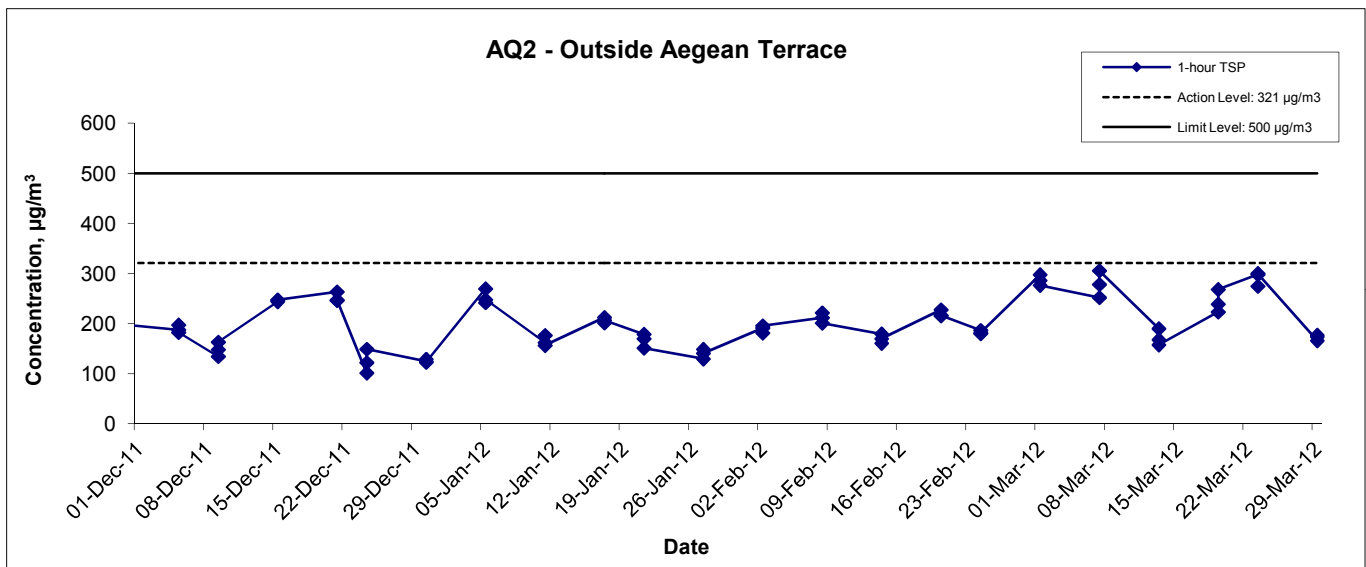
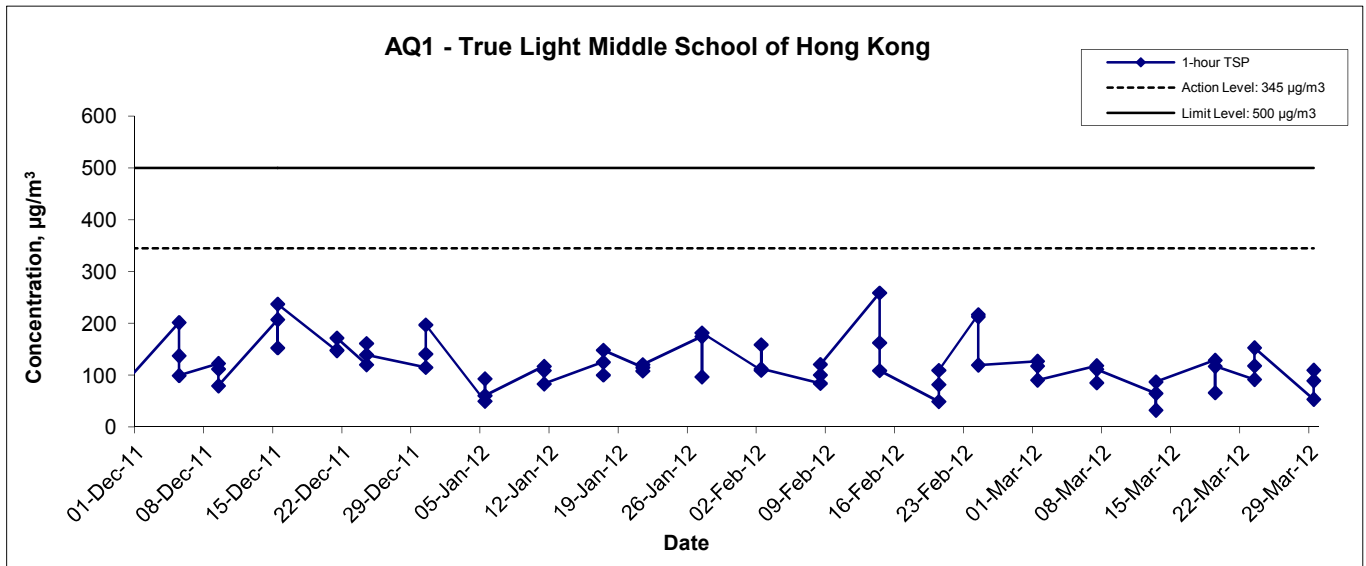
Station AQ1 (True Light Middle School of Hong Kong)

Date	Sampling Time	Weather Condition	Air Temp. (K)	Atmospheric Pressure (Pa)	Filter Weight (g)		Particulate weight (g)	Elapse Time		Sampling Time(hrs.)	Flow Rate (m ³ /min.)		Av. flow (m ³ /min)	Total vol. (m ³)	Conc. (µg/m ³)
					Initial	Final		Initial	Final		Initial	Final			
1-Mar-12	11:50	Cloudy	288.6	764.8	3.1031	3.1124	0.0093	7721.3	7722.3	1.0	1.22	1.22	1.22	73.2	127.0
1-Mar-12	12:55	Cloudy	290.1	763.2	3.1039	3.1125	0.0086	7722.3	7723.3	1.0	1.22	1.22	1.22	73.0	117.9
1-Mar-12	15:55	Cloudy	290.5	762.9	3.1254	3.1320	0.0066	7723.3	7724.3	1.0	1.22	1.21	1.21	72.9	90.5
7-Mar-12	9:00	Cloudy	291.9	760.8	3.2663	3.2749	0.0086	7748.3	7749.3	1.0	1.21	1.21	1.21	72.6	118.4
7-Mar-12	13:00	Cloudy	291.4	759.4	3.2671	3.2733	0.0062	7749.3	7750.3	1.0	1.21	1.21	1.21	72.6	85.4
7-Mar-12	14:00	Cloudy	291.6	759.2	3.2556	3.2637	0.0081	7750.3	7751.3	1.0	1.21	1.21	1.21	72.6	111.6
13-Mar-12	9:30	Cloudy	286.6	770.1	3.2863	3.2911	0.0048	7775.3	7776.3	1.0	1.23	1.23	1.23	73.7	65.1
13-Mar-12	10:40	Cloudy	286.8	769.9	3.2873	3.2897	0.0024	7776.3	7777.3	1.0	1.23	1.23	1.23	73.6	32.6
13-Mar-12	14:40	Cloudy	288.1	768.1	3.3008	3.3072	0.0064	7777.3	7778.3	1.0	1.22	1.22	1.22	73.4	87.2
19-Mar-12	10:37	Cloudy	292.1	764.7	3.2747	3.2841	0.0094	7802.3	7803.3	1.0	1.21	1.21	1.21	72.8	129.1
19-Mar-12	12:55	Cloudy	294.1	763.6	3.2776	3.2824	0.0048	7803.3	7804.3	1.0	1.21	1.21	1.21	72.5	66.2
19-Mar-12	14:00	Cloudy	294.3	763.5	3.2840	3.2925	0.0085	7804.3	7805.3	1.0	1.21	1.21	1.21	72.5	117.3
23-Mar-12	9:00	Sunny	291.1	766.0	3.2621	3.2688	0.0067	7829.3	7830.3	1.0	1.22	1.22	1.22	73.0	91.8
23-Mar-12	14:30	Sunny	293.6	767.5	3.1769	3.1855	0.0086	7830.3	7831.3	1.0	1.21	1.21	1.21	72.7	118.2
23-Mar-12	15:05	Sunny	295.2	767.3	3.1878	3.1989	0.0111	7831.3	7832.3	1.0	1.21	1.21	1.21	72.6	153.0
29-Mar-12	9:20	Sunny	293.1	766.2	3.2240	3.2279	0.0039	7856.3	7857.3	1.0	1.21	1.21	1.21	72.7	53.6
29-Mar-12	10:25	Sunny	293.3	767.5	3.2313	3.2393	0.0080	7857.3	7858.3	1.0	1.21	1.21	1.21	72.8	109.9
29-Mar-12	14:30	Sunny	293.5	767.3	3.2136	3.2201	0.0065	7858.3	7859.3	1.0	1.21	1.21	1.21	72.7	89.4
														Min	32.6
														Max	153.0
														Average	98.0

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Mar-12	9:00	Cloudy	297.4
1-Mar-12	10:00	Cloudy	285.9
1-Mar-12	11:00	Cloudy	276.3
7-Mar-12	9:00	Cloudy	251.7
7-Mar-12	10:00	Cloudy	278.0
7-Mar-12	11:00	Cloudy	305.5
13-Mar-12	14:00	Cloudy	189.8
13-Mar-12	15:00	Cloudy	167.6
13-Mar-12	16:00	Cloudy	157.5
19-Mar-12	14:00	Cloudy	223.1
19-Mar-12	15:00	Cloudy	238.6
19-Mar-12	16:00	Cloudy	268.1
23-Mar-12	8:00	Cloudy	297.9
23-Mar-12	9:00	Cloudy	274.5
23-Mar-12	10:00	Cloudy	299.9
29-Mar-12	9:00	Sunny	166.0
29-Mar-12	10:00	Sunny	173.4
29-Mar-12	11:00	Sunny	176.8
		Average	240.4
		Maximum	305.5
		Minimum	157.5

1-hr TSP Concentration Levels



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of 1-hour TSP Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Mar 12	Appendix E	