

Appendix E - 1-hour TSP Monitoring Results

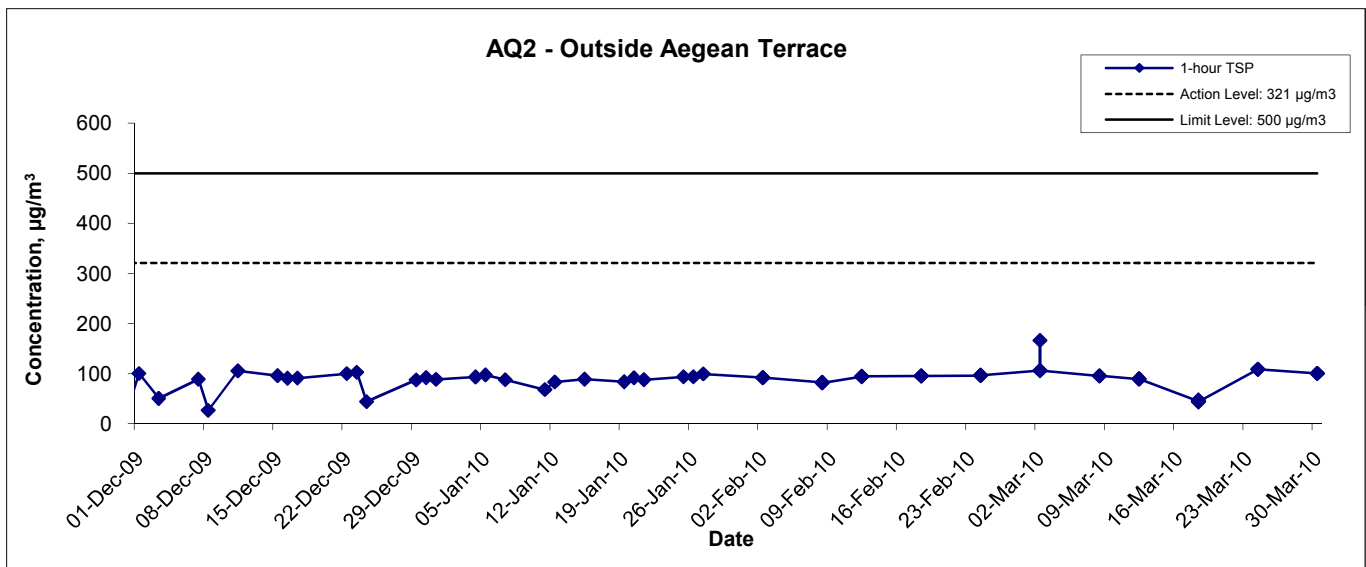
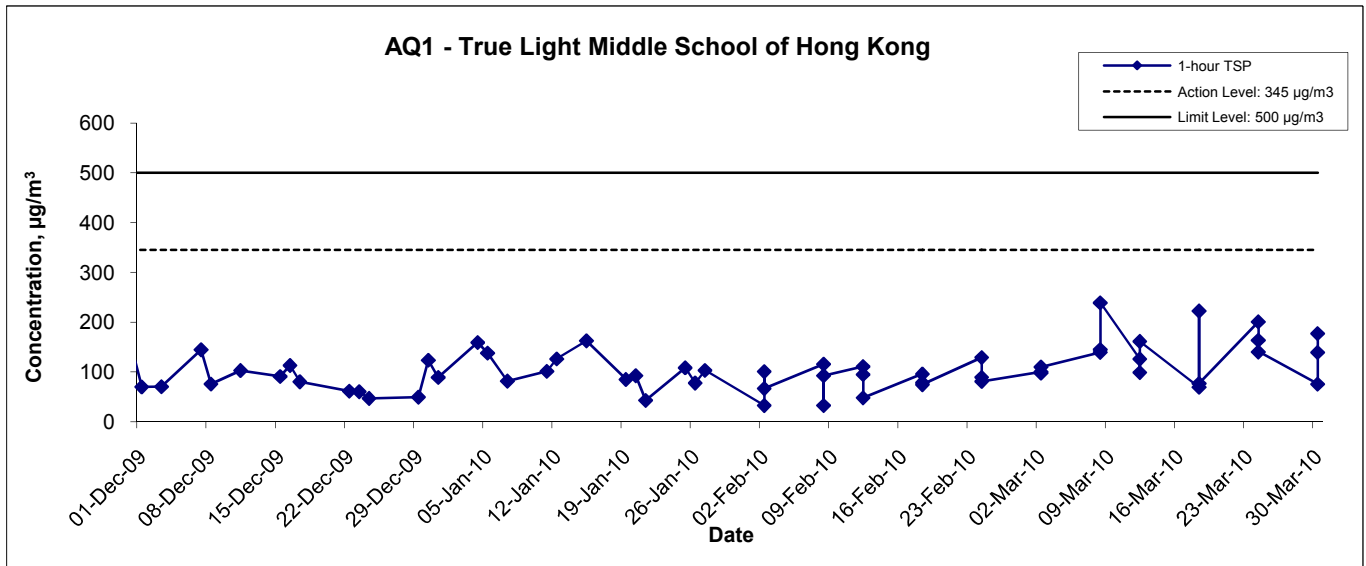
Station AQ1 (True Light Middle School of Hong Kong)

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			
2-Mar-10	09:00	Cloudy	295.9	762.5	3.3724	3.3797	0.0073	4349.3	4350.3	1.0	1.21	1.21	1.21	72.6	100.5
2-Mar-10	10:00	Cloudy	296.1	762.3	3.3622	3.3693	0.0071	4350.3	4351.3	1.0	1.21	1.21	1.21	72.6	97.8
2-Mar-10	11:00	Cloudy	296.3	762.1	3.3989	3.4069	0.0080	4351.3	4352.3	1.0	1.21	1.21	1.21	72.6	110.2
8-Mar-10	09:00	Cloudy	288.6	766.7	3.3099	3.3202	0.0103	4376.3	4377.3	1.0	1.23	1.23	1.23	73.7	139.8
8-Mar-10	10:00	Cloudy	288.8	766.5	3.2010	3.2117	0.0107	4377.3	4378.3	1.0	1.23	1.23	1.23	73.6	145.3
8-Mar-10	11:00	Cloudy	289.0	766.3	3.2180	3.2356	0.0176	4378.3	4379.3	1.0	1.23	1.23	1.23	73.6	239.1
12-Mar-10	09:00	Cloudy	289.3	769.2	3.4025	3.4118	0.0093	4403.3	4404.3	1.0	1.23	1.23	1.23	73.7	126.2
12-Mar-10	10:00	Cloudy	289.5	769.1	3.3911	3.3984	0.0073	4404.3	4405.3	1.0	1.23	1.23	1.23	73.7	99.1
12-Mar-10	11:00	Cloudy	289.7	768.9	3.4246	3.4365	0.0119	4405.3	4406.3	1.0	1.23	1.23	1.23	73.6	161.6
18-Mar-10	09:00	Cloudy	293.2	769.4	3.4289	3.4340	0.0051	4430.3	4431.3	1.0	1.22	1.22	1.22	73.3	69.6
18-Mar-10	11:00	Cloudy	293.6	769.0	3.3069	3.3232	0.0163	4431.3	4432.3	1.0	1.22	1.22	1.22	73.2	222.7
18-Mar-10	13:00	Cloudy	296.9	766.9	3.3497	3.3553	0.0056	4432.3	4433.3	1.0	1.21	1.21	1.21	72.7	77.0
24-Mar-10	09:00	Cloudy	295.7	761.1	3.3441	3.3587	0.0146	4457.3	4458.3	1.0	1.21	1.21	1.21	72.6	201.1
24-Mar-10	10:00	Cloudy	295.7	761.1	3.3542	3.3661	0.0119	4458.3	4459.3	1.0	1.21	1.21	1.21	72.6	163.9
24-Mar-10	11:00	Cloudy	295.7	761.1	3.3340	3.3442	0.0102	4459.3	4460.3	1.0	1.21	1.21	1.21	72.6	140.5
30-Mar-10	13:00	Cloudy	292.2	766.0	3.3739	3.3795	0.0056	4484.3	4485.3	1.0	1.23	1.23	1.23	73.9	75.8
30-Mar-10	14:00	Cloudy	292.4	766.8	3.3442	3.3545	0.0103	4485.3	4486.3	1.0	1.23	1.23	1.23	73.9	139.4
30-Mar-10	15:00	Cloudy	292.6	766.6	3.3747	3.3878	0.0131	4486.3	4487.3	1.0	1.23	1.23	1.23	73.9	177.3
														Min	69.6
														Max	239.1
														Average	138.2

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Mar-10	13:30	Cloudy	106.0
2-Mar-10	14:30	Cloudy	166.3
2-Mar-10	15:30	Cloudy	106.1
8-Mar-10	13:00	Cloudy	95.0
8-Mar-10	14:00	Cloudy	95.5
8-Mar-10	15:00	Cloudy	95.6
12-Mar-10	13:00	Cloudy	89.1
12-Mar-10	14:00	Cloudy	89.6
12-Mar-10	15:00	Cloudy	89.3
18-Mar-10	14:45	Cloudy	44.6
18-Mar-10	15:45	Cloudy	47.2
18-Mar-10	16:45	Cloudy	43.2
24-Mar-10	13:00	Sunny	108.3
24-Mar-10	14:00	Sunny	108.9
24-Mar-10	15:00	Sunny	108.4
30-Mar-10	9:15	Cloudy	100.6
30-Mar-10	10:15	Cloudy	99.9
30-Mar-10	11:15	Cloudy	100.3
		Average	94.1
		Maximum	166.3
		Minimum	43.2

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 10	Appendix E	