

Appendix E - 1-hour TSP Monitoring Results

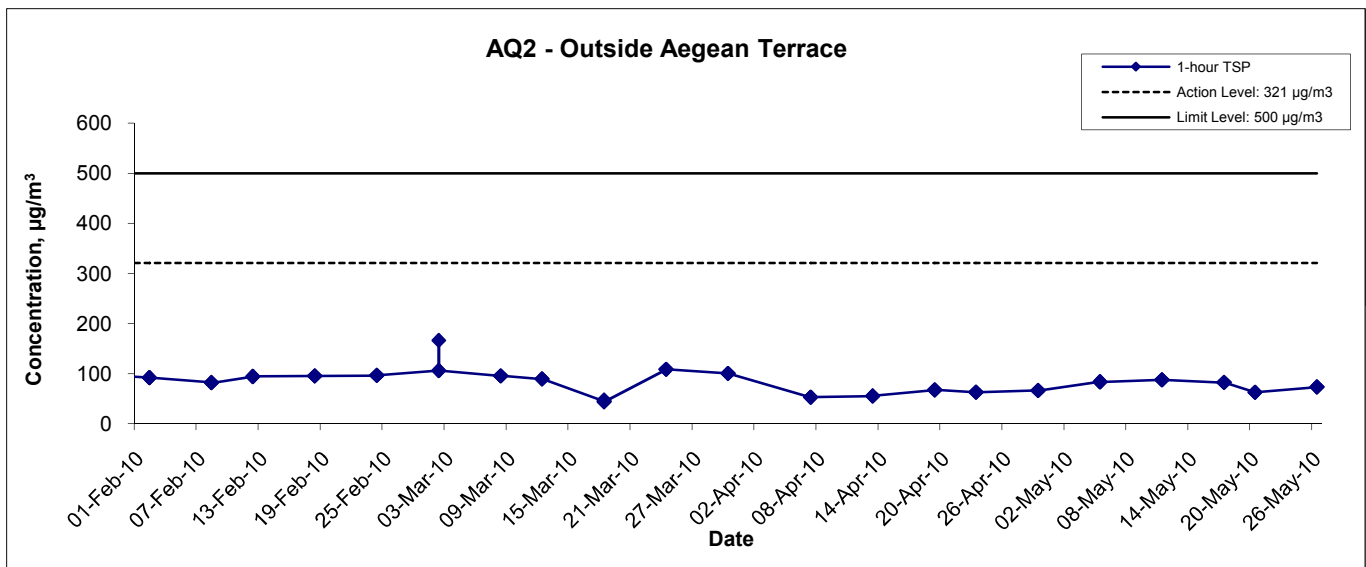
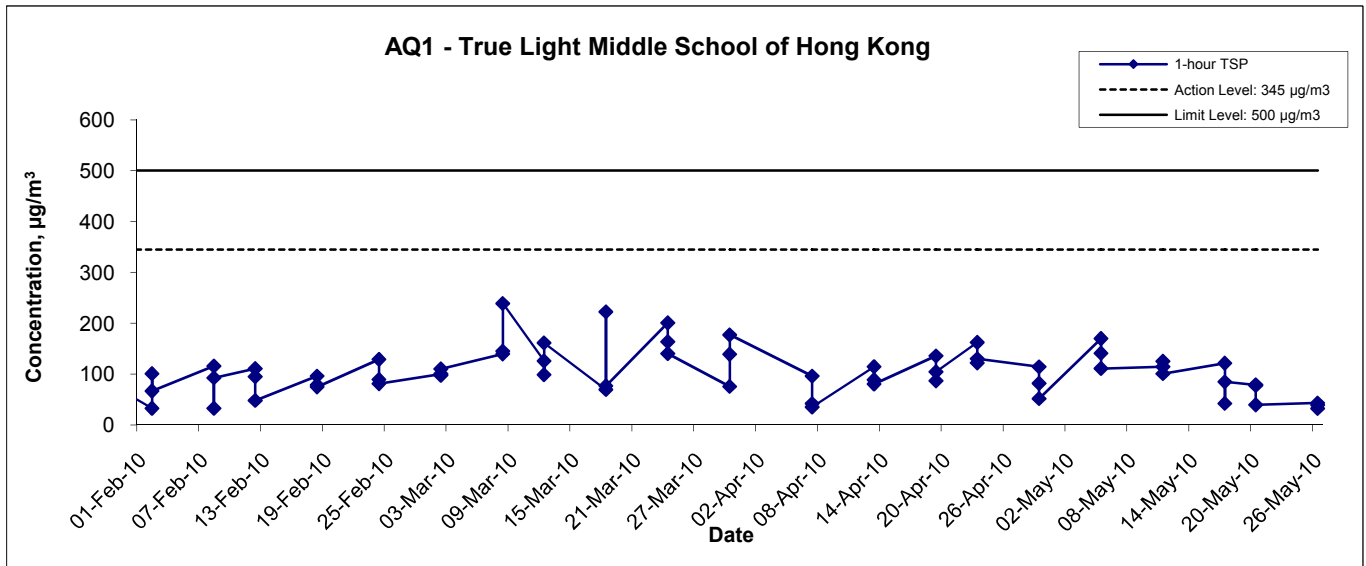
Station AQ1 (True Light Middle School of Hong Kong)

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			
5-May-10	09:00	Cloudy	297.9	758.6	2.7980	2.8104	0.0124	4622.3	4623.3	1.0	1.21	1.21	1.21	72.9	170.1
5-May-10	10:00	Cloudy	298.1	758.5	2.8084	2.8187	0.0103	4623.3	4624.3	1.0	1.21	1.21	1.21	72.9	141.4
5-May-10	11:00	Cloudy	298.5	758.3	2.7606	2.7687	0.0081	4624.3	4625.3	1.0	1.21	1.21	1.21	72.8	111.3
11-May-10	09:00	Cloudy	295.7	762.4	2.8391	2.8475	0.0084	4649.3	4650.3	1.0	1.22	1.22	1.22	73.3	114.6
11-May-10	10:00	Cloudy	295.9	762.2	2.8175	2.8267	0.0092	4650.3	4651.3	1.0	1.22	1.22	1.22	73.3	125.5
11-May-10	11:00	Cloudy	296.0	762.0	2.8643	2.8717	0.0074	4651.3	4652.3	1.0	1.22	1.22	1.22	73.3	101.0
17-May-10	09:00	Sunny	297.6	762.3	2.8298	2.8387	0.0089	4676.3	4677.3	1.0	1.22	1.22	1.22	73.1	121.8
17-May-10	10:00	Sunny	297.7	762.1	2.8378	2.8409	0.0031	4677.3	4678.3	1.0	1.22	1.22	1.22	73.1	42.4
17-May-10	11:00	Sunny	297.9	761.9	2.8258	2.8320	0.0062	4678.3	4679.3	1.0	1.22	1.22	1.22	73.0	84.9
20-May-10	09:00	Sunny	295.8	760.7	3.1756	3.1814	0.0058	4703.3	4704.3	1.0	1.22	1.22	1.22	73.2	79.2
20-May-10	10:00	Sunny	295.9	760.6	3.1859	3.1916	0.0057	4704.3	4705.3	1.0	1.22	1.22	1.22	73.2	77.9
20-May-10	11:00	Sunny	296.1	760.4	3.1588	3.1617	0.0029	4705.3	4706.3	1.0	1.22	1.22	1.22	73.2	39.6
26-May-10	09:00	Sunny	300.0	758.5	3.1704	3.1736	0.0032	4730.3	4731.3	1.0	1.23	1.23	1.23	73.8	43.4
26-May-10	10:00	Sunny	300.2	758.3	3.1722	3.1746	0.0024	4731.3	4732.3	1.0	1.23	1.23	1.23	73.7	32.5
26-May-10	11:00	Sunny	300.4	758.3	3.1750	3.1779	0.0029	4732.3	4733.3	1.0	1.23	1.23	1.23	73.7	39.3
														Min	32.5
														Max	170.1
														Average	88.3

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
5-May-10	13:15	Cloudy	83.6
5-May-10	14:15	Cloudy	83.8
5-May-10	15:15	Cloudy	83.2
11-May-10	13:00	Cloudy	87.3
11-May-10	14:00	Cloudy	87.4
11-May-10	15:00	Cloudy	87.8
17-May-10	13:00	Sunny	82.0
17-May-10	14:00	Sunny	82.2
17-May-10	15:00	Sunny	82.7
20-May-10	13:00	Sunny	62.9
20-May-10	14:00	Sunny	62.4
20-May-10	15:00	Sunny	62.6
26-May-10	13:00	Sunny	73.2
26-May-10	14:00	Sunny	73.4
26-May-10	15:00	Sunny	73.3
		Average	77.9
		Maximum	87.8
		Minimum	62.4

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 May 10	Appendix E	