

Appendix E - 1-hour TSP Monitoring Results

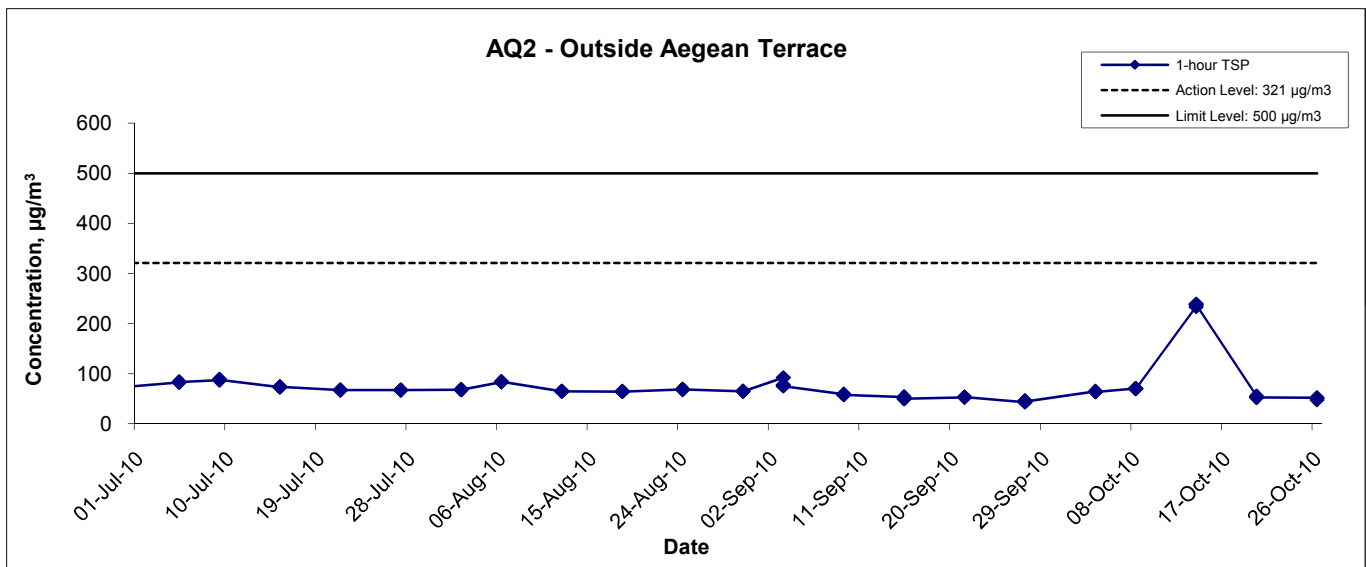
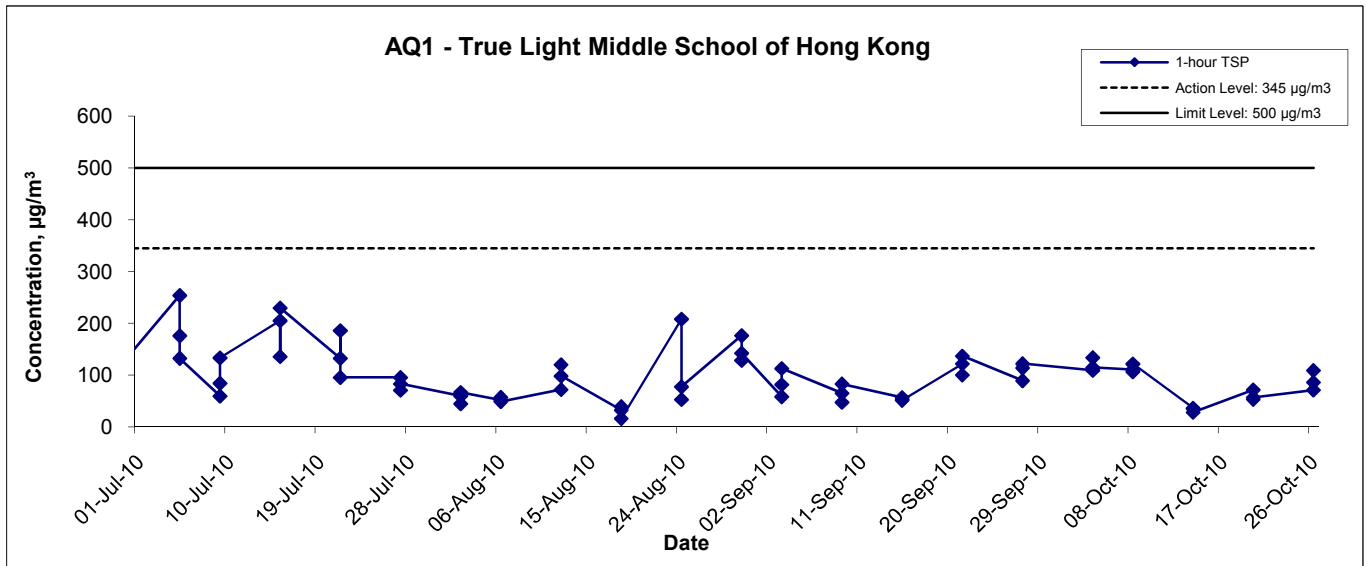
Station AQ1 (True Light Middle School of Hong Kong)

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			
4-Oct-10	09:00	Sunny	298.3	763.2	3.2003	3.2084	0.0081	5318.3	5319.3	1.0	1.23	1.23	1.23	74.0	109.4
4-Oct-10	10:00	Sunny	298.5	763.1	3.2113	3.2212	0.0099	5319.3	5320.3	1.0	1.23	1.23	1.23	74.0	133.8
4-Oct-10	11:00	Sunny	298.7	762.9	3.1842	3.1927	0.0085	5320.3	5321.3	1.0	1.23	1.23	1.23	73.9	114.9
8-Oct-10	09:00	Cloudy	298.2	761.8	3.1832	3.1914	0.0082	5345.3	5346.3	1.0	1.23	1.23	1.23	74.0	110.9
8-Oct-10	10:00	Cloudy	298.4	761.6	3.1890	3.1969	0.0079	5346.3	5347.3	1.0	1.23	1.23	1.23	73.9	106.9
8-Oct-10	11:00	Cloudy	298.6	761.4	3.2081	3.2171	0.0090	5347.3	5348.3	1.0	1.23	1.23	1.23	73.9	121.8
14-Oct-10	09:00	Sunny	300.1	762.1	3.1465	3.1492	0.0027	5372.3	5373.3	1.0	1.23	1.23	1.23	73.7	36.6
14-Oct-10	10:00	Sunny	300.3	761.9	3.1401	3.1427	0.0026	5373.3	5374.3	1.0	1.23	1.23	1.23	73.7	35.3
14-Oct-10	11:00	Sunny	300.5	761.7	3.1492	3.1513	0.0021	5374.3	5375.3	1.0	1.23	1.23	1.23	73.7	28.5
20-Oct-10	08:50	Sunny	297.9	758.8	3.1516	3.1569	0.0053	5399.3	5400.3	1.0	1.23	1.23	1.23	73.9	71.8
20-Oct-10	10:55	Sunny	298.6	758.5	3.1558	3.1597	0.0039	5400.3	5401.3	1.0	1.23	1.23	1.23	73.0	53.4
20-Oct-10	13:00	Sunny	300.2	756.3	3.1723	3.1765	0.0042	5401.3	5402.3	1.0	1.22	1.22	1.22	73.5	57.2
26-Oct-10	09:00	Sunny	295.0	757.7	3.1396	3.1449	0.0053	5426.3	5427.3	1.0	1.24	1.24	1.24	74.1	71.5
26-Oct-10	10:20	Sunny	295.2	757.5	3.1657	3.1721	0.0064	5427.3	5428.3	1.0	1.24	1.23	1.24	74.1	86.4
26-Oct-10	11:05	Sunny	295.4	757.3	3.1483	3.1564	0.0081	5428.3	5429.3	1.0	1.23	1.23	1.23	74.1	109.3
														Min	28.5
														Max	133.8
														Average	83.2

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
4-Oct-10	13:10	Sunny	64.5
4-Oct-10	14:10	Sunny	63.9
4-Oct-10	15:10	Sunny	63.5
8-Oct-10	13:10	Cloudy	70.2
8-Oct-10	14:10	Cloudy	70.4
8-Oct-10	15:10	Cloudy	69.3
14-Oct-10	14:33	Sunny	233.7
14-Oct-10	15:33	Sunny	238.9
14-Oct-10	16:33	Sunny	237.9
20-Oct-10	13:00	Sunny	55.0
20-Oct-10	14:00	Sunny	52.6
20-Oct-10	15:00	Sunny	52.2
26-Oct-10	13:00	Sunny	51.9
26-Oct-10	15:00	Sunny	47.3
26-Oct-10	15:00	Sunny	50.2
		Average	94.8
		Maximum	238.9
		Minimum	47.3

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 Oct 10	Appendix E	