

Appendix E - 1-hour TSP Monitoring Results

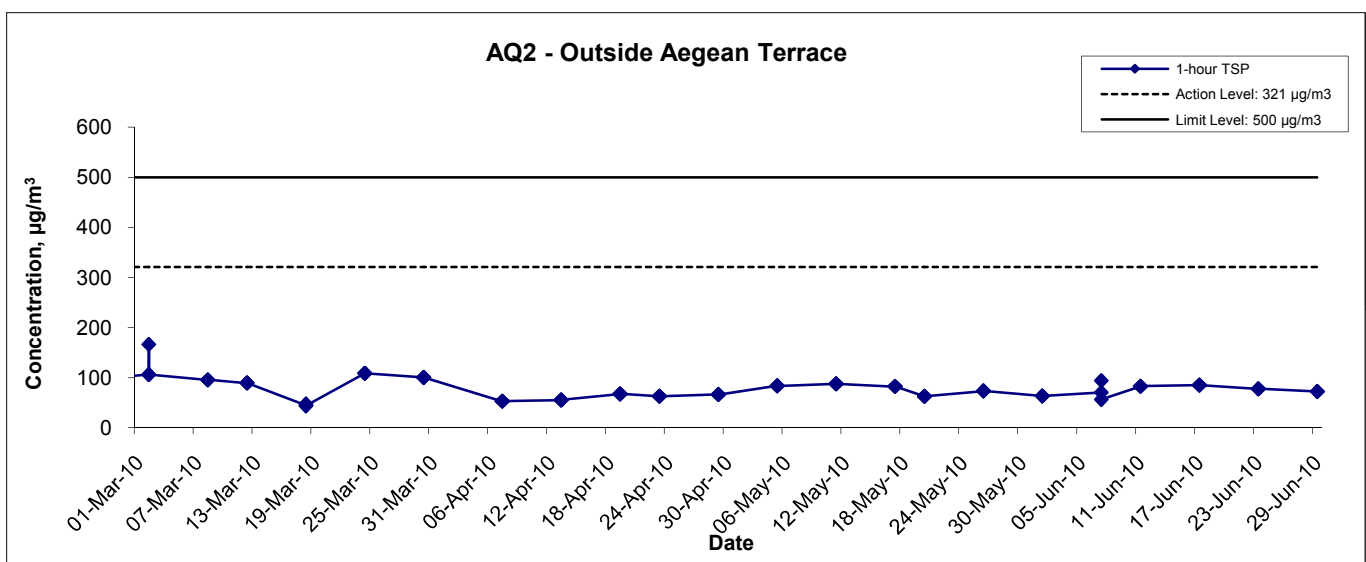
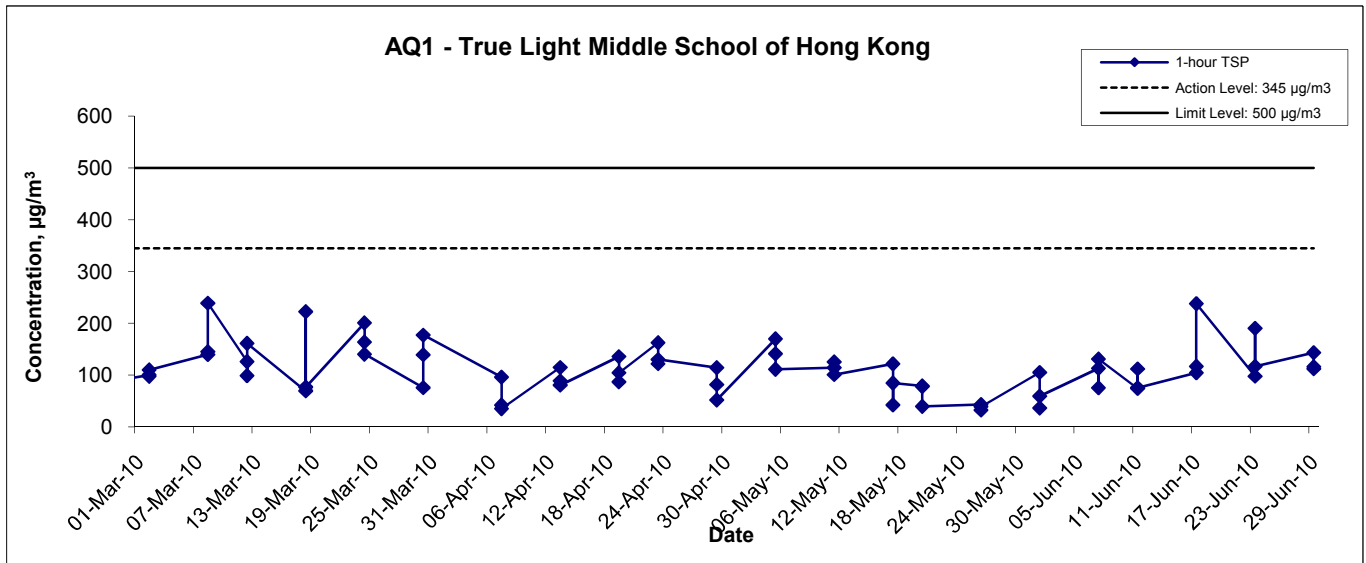
Station AQ1 (True Light Middle School of Hong Kong)

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-Jun-10	09:00	Cloudy	298.3	759.2	3.1771	3.1849	0.0078	4754.3	4755.3	1.0	1.23	1.23	1.23	74.0	105.4
1-Jun-10	10:00	Cloudy	298.5	759.1	3.1840	3.1867	0.0027	4755.3	4756.3	1.0	1.23	1.23	1.23	74.0	36.5
1-Jun-10	11:00	Cloudy	298.7	758.7	3.2305	3.2349	0.0044	4756.3	4757.3	1.0	1.23	1.23	1.23	73.9	59.5
7-Jun-10	09:05	Sunny	298.1	761.2	3.2078	3.2162	0.0084	4781.3	4782.3	1.0	1.24	1.24	1.24	74.1	113.3
7-Jun-10	10:10	Sunny	298.3	761.1	3.1626	3.1682	0.0056	4782.3	4783.3	1.0	1.24	1.23	1.23	74.1	75.6
7-Jun-10	13:00	Sunny	299.8	760.5	3.1763	3.1860	0.0097	4783.3	4784.3	1.0	1.23	1.23	1.23	73.9	131.3
11-Jun-10	09:00	Sunny	298.6	759.6	3.1634	3.1689	0.0055	4808.3	4809.3	1.0	1.23	1.23	1.23	74.0	74.3
11-Jun-10	10:00	Sunny	298.8	759.5	3.1384	3.1467	0.0083	4809.3	4810.3	1.0	1.23	1.23	1.23	74.0	112.2
11-Jun-10	11:00	Sunny	299.0	759.3	3.1261	3.1317	0.0056	4810.3	4811.3	1.0	1.23	1.23	1.23	73.9	75.7
17-Jun-10	09:00	Sunny	302.0	758.4	3.1661	3.1738	0.0077	4835.3	4836.3	1.0	1.23	1.23	1.23	73.6	104.7
17-Jun-10	10:00	Sunny	302.1	758.2	3.1900	3.1986	0.0086	4836.3	4837.3	1.0	1.23	1.23	1.23	73.5	117.0
17-Jun-10	11:00	Sunny	302.3	758.0	3.1625	3.1800	0.0175	4837.3	4838.3	1.0	1.23	1.22	1.23	73.5	238.1
23-Jun-10	09:00	Cloudy	302.9	759.2	3.1687	3.1759	0.0072	4862.3	4863.3	1.0	1.22	1.22	1.22	73.5	98.0
23-Jun-10	10:00	Cloudy	302.6	759.0	3.2041	3.2181	0.0140	4863.3	4864.3	1.0	1.22	1.23	1.23	73.5	190.5
23-Jun-10	11:00	Cloudy	303.4	758.8	3.1957	3.2043	0.0086	4864.3	4865.3	1.0	1.22	1.22	1.22	73.4	117.1
29-Jun-10	09:00	Sunny	299.4	759.6	3.1732	3.1838	0.0106	4889.3	4890.3	1.0	1.23	1.23	1.23	73.9	143.4
29-Jun-10	10:00	Sunny	299.6	759.4	3.1638	3.1721	0.0083	4890.3	4891.3	1.0	1.23	1.23	1.23	73.9	112.4
29-Jun-10	11:00	Sunny	299.7	759.2	3.1485	3.1571	0.0086	4891.3	4892.3	1.0	1.23	1.23	1.23	73.8	116.5
														Min	36.5
														Max	238.1
														Average	112.3

Appendix E - 1-hour TSP Monitoring Results

Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Jun-10	13:00	Cloudy	63.0
1-Jun-10	14:00	Cloudy	63.1
1-Jun-10	15:00	Cloudy	63.6
7-Jun-10	14:00	Sunny	70.2
7-Jun-10	15:00	Sunny	93.9
7-Jun-10	16:00	Sunny	56.3
11-Jun-10	13:00	Sunny	82.2
11-Jun-10	14:00	Sunny	82.6
11-Jun-10	15:00	Sunny	82.8
17-Jun-10	13:00	Sunny	85.2
17-Jun-10	14:00	Sunny	84.7
17-Jun-10	15:00	Sunny	84.8
23-Jun-10	13:00	Cloudy	77.6
23-Jun-10	14:00	Cloudy	76.9
23-Jun-10	15:00	Cloudy	78.0
29-Jun-10	13:00	Sunny	72.4
29-Jun-10	14:00	Sunny	72.2
29-Jun-10	15:00	Sunny	72.1
		Average	75.6
		Maximum	93.9
		Minimum	56.3

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 Jun 10	Appendix E	