

Appendix E - 1-hour TSP Monitoring Results

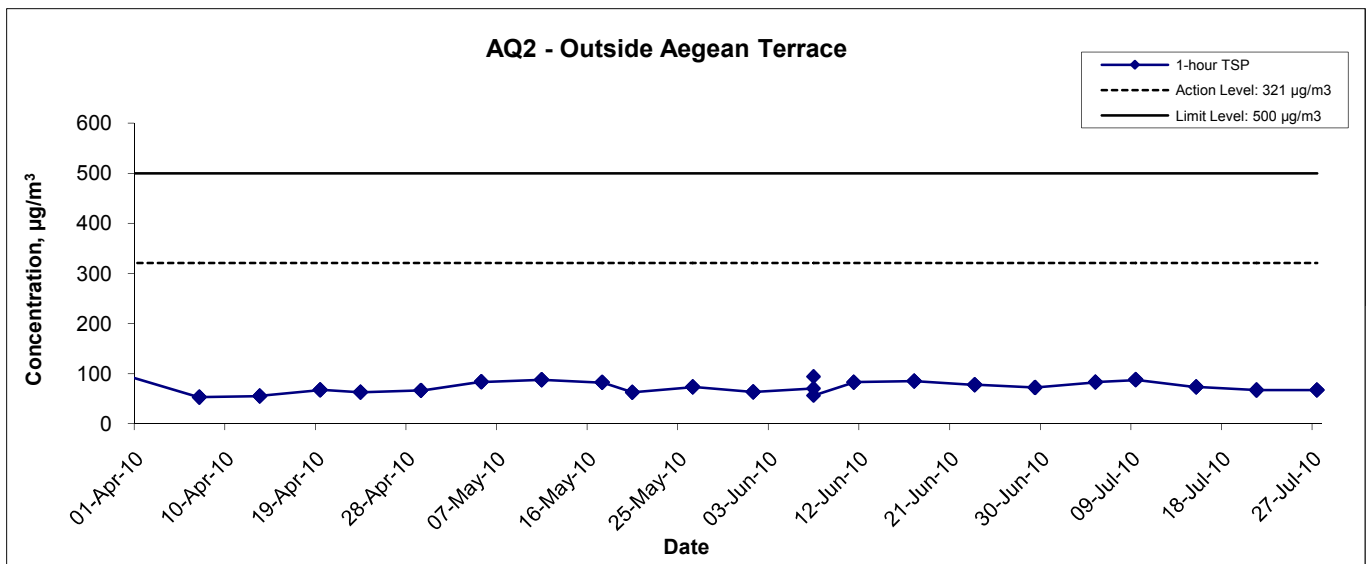
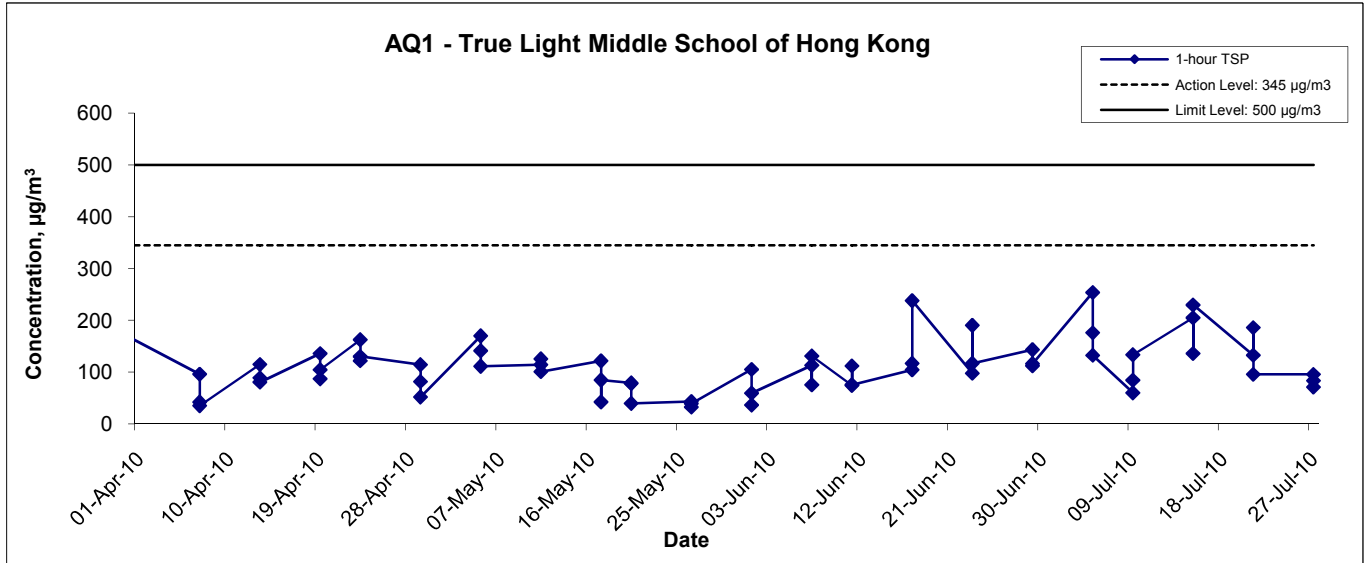
Station AQ1 (True Light Middle School of Hong Kong)

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-Jul-10	09:00	Sunny	304.3	757.4	3.1715	3.1901	0.0186	4916.3	4917.3	1.0	1.22	1.22	1.22	73.2	253.9
5-Jul-10	10:00	Sunny	304.5	757.2	3.1454	3.1583	0.0129	4917.3	4918.3	1.0	1.22	1.22	1.22	73.2	176.2
5-Jul-10	11:00	Sunny	304.7	757.0	3.1934	3.2031	0.0097	4918.3	4919.3	1.0	1.22	1.22	1.22	73.2	132.5
9-Jul-10	09:00	Sunny	303.3	758.9	3.1502	3.1546	0.0044	4943.3	4944.3	1.0	1.22	1.22	1.22	73.4	59.9
9-Jul-10	10:00	Sunny	303.5	758.7	3.1691	3.1753	0.0062	4944.3	4945.3	1.0	1.22	1.22	1.22	73.4	84.5
9-Jul-10	11:00	Sunny	303.7	758.5	3.1590	3.1688	0.0098	4945.3	4946.3	1.0	1.22	1.22	1.22	73.4	133.6
15-Jul-10	09:00	Sunny	301.6	758.5	3.1952	3.2103	0.0151	4970.3	4971.3	1.0	1.23	1.23	1.23	73.6	205.2
15-Jul-10	10:00	Sunny	301.8	758.2	3.1881	3.1981	0.0100	4971.3	4972.3	1.0	1.23	1.23	1.23	73.6	135.9
15-Jul-10	11:00	Sunny	302.0	758.0	3.1814	3.1983	0.0169	4972.3	4973.3	1.0	1.23	1.23	1.23	73.5	229.8
21-Jul-10	09:00	Cloudy	302.4	758.4	3.1741	3.1838	0.0097	4994.3	4995.3	1.0	1.22	1.22	1.22	73.1	132.6
21-Jul-10	10:00	Cloudy	302.6	758.2	3.1874	3.2010	0.0136	4995.3	4996.3	1.0	1.22	1.22	1.22	73.1	186.1
21-Jul-10	11:00	Cloudy	302.4	758.4	3.1700	3.1770	0.0070	4996.3	4997.3	1.0	1.22	1.22	1.22	73.1	95.7
27-Jul-10	09:00	Cloudy	302.2	758.3	3.1753	3.1823	0.0070	5018.3	5019.3	1.0	1.22	1.22	1.22	73.1	95.7
27-Jul-10	10:00	Cloudy	302.4	758.2	3.1547	3.1599	0.0052	5019.3	5020.3	1.0	1.22	1.22	1.22	73.1	71.1
27-Jul-10	11:00	Cloudy	302.6	758.0	3.1697	3.1758	0.0061	5020.3	5021.3	1.0	1.22	1.22	1.22	73.1	83.5
														Min	59.9
														Max	253.9
														Average	138.4

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
5-Jul-10	13:10	Sunny	82.6
5-Jul-10	14:10	Sunny	83.0
5-Jul-10	15:10	Sunny	83.2
9-Jul-10	13:00	Sunny	86.9
9-Jul-10	14:00	Sunny	88.4
9-Jul-10	15:00	Sunny	87.9
15-Jul-10	13:00	Sunny	73.2
15-Jul-10	14:00	Sunny	73.4
15-Jul-10	15:00	Sunny	73.4
21-Jul-10	13:00	Rainy	67.0
21-Jul-10	14:00	Rainy	67.2
21-Jul-10	15:00	Rainy	67.1
27-Jul-10	13:00	Cloudy	67.0
27-Jul-10	14:00	Cloudy	67.2
27-Jul-10	15:00	Cloudy	67.2
Average			75.6
Maximum			88.4
Minimum			67.0

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 Jul 10	Appendix E	