

Appendix E - 1-hour TSP Monitoring Results

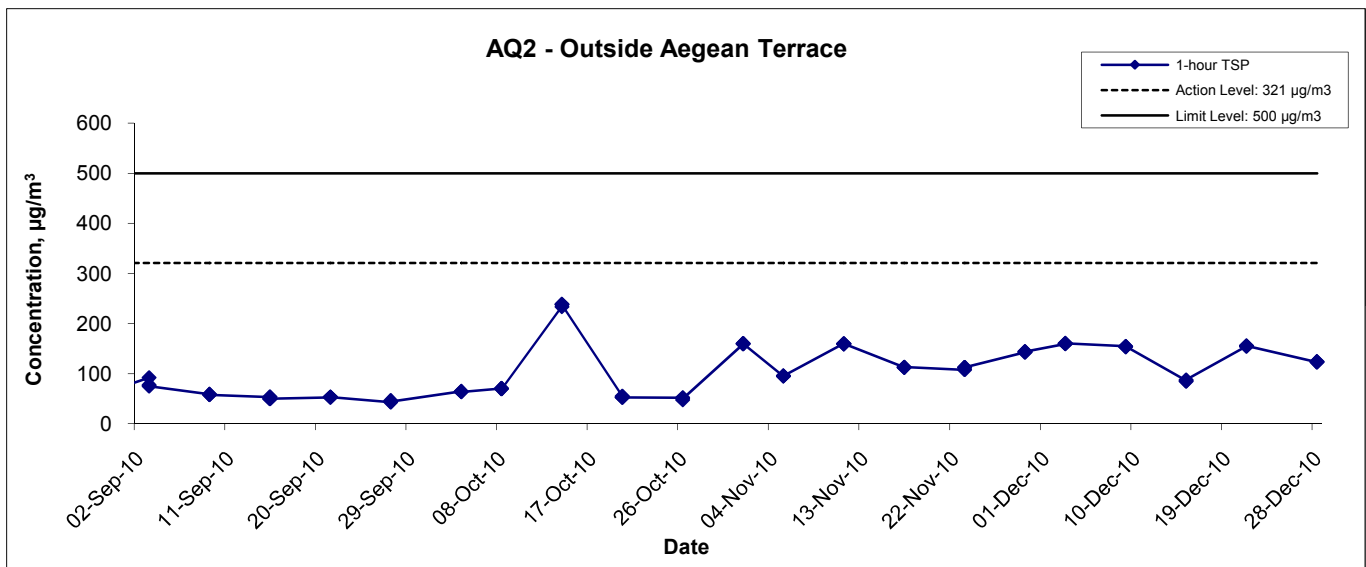
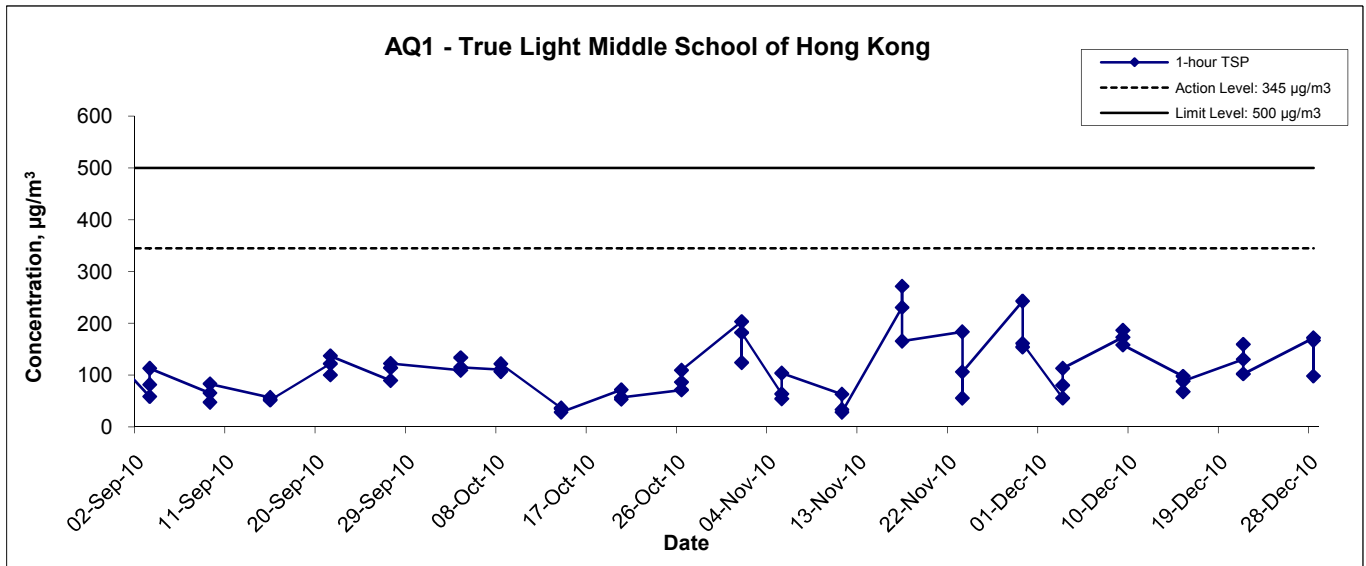
Station AQ1 (True Light Middle School of Hong Kong)

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			
3-Dec-10	9:00	Sunny	291.4	761.8	3.2500	3.2541	0.0041	5612.3	5613.3	1.0	1.22	1.22	1.22	73.5	55.8
3-Dec-10	10:00	Sunny	291.6	761.7	3.1961	3.2020	0.0059	5613.3	5614.3	1.0	1.22	1.22	1.22	73.4	80.3
3-Dec-10	11:00	Sunny	291.9	761.5	3.1912	3.1995	0.0083	5614.3	5615.3	1.0	1.22	1.22	1.22	73.4	113.1
9-Dec-10	9:00	Sunny	287.9	765.7	3.1474	3.1602	0.0128	5639.3	5640.3	1.0	1.23	1.23	1.23	74.1	172.9
9-Dec-10	10:00	Sunny	288.1	765.5	3.0996	3.1134	0.0138	5640.3	5641.3	1.0	1.23	1.23	1.23	74.0	186.4
9-Dec-10	11:00	Sunny	288.3	765.3	3.1019	3.1136	0.0117	5640.3	5641.3	1.0	1.23	1.23	1.23	74.0	158.1
15-Dec-10	9:30	Rainy	292.0	763.7	3.1816	3.1888	0.0072	5665.3	5666.3	1.0	1.22	1.22	1.22	73.5	98.0
15-Dec-10	10:33	Rainy	292.1	763.5	3.1812	3.1862	0.0050	5666.3	5667.3	1.0	1.22	1.22	1.22	73.5	68.1
15-Dec-10	13:00	Rainy	291.2	761.5	3.1907	3.1972	0.0065	5667.3	5668.3	1.0	1.22	1.22	1.22	73.5	88.5
21-Dec-10	9:00	Sunny	292.1	764.5	3.1888	3.1984	0.0096	5692.3	5693.3	1.0	1.23	1.22	1.23	73.5	130.6
21-Dec-10	10:00	Sunny	292.3	764.3	3.1886	3.2003	0.0117	5693.3	5694.3	1.0	1.22	1.22	1.22	73.5	159.2
21-Dec-10	11:00	Sunny	293.5	764.1	3.2595	3.2670	0.0075	5694.3	5695.3	1.0	1.22	1.22	1.22	73.3	102.3
28-Dec-10	9:00	Sunny	285.7	768.0	3.1819	3.1947	0.0128	5719.3	5720.3	1.0	1.24	1.24	1.24	74.4	172.0
28-Dec-10	10:00	Sunny	285.7	768.0	3.1996	3.2069	0.0073	5720.3	5721.3	1.0	1.24	1.24	1.24	74.4	98.1
28-Dec-10	11:00	Sunny	285.9	767.9	3.1751	3.1875	0.0124	5721.3	5722.3	1.0	1.24	1.24	1.24	74.4	166.7
														Min	55.8
														Max	186.4
														Average	123.3

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
3-Dec-10	13:10	Sunny	159.4
3-Dec-10	14:10	Sunny	160.2
3-Dec-10	15:10	Sunny	160.5
9-Dec-10	13:15	Sunny	154.4
9-Dec-10	14:15	Sunny	153.5
9-Dec-10	15:15	Sunny	154.0
15-Dec-10	9:00	Rainy	85.5
15-Dec-10	10:00	Rainy	84.4
15-Dec-10	11:00	Rainy	87.3
21-Dec-10	13:00	Sunny	154.8
21-Dec-10	14:00	Sunny	155.1
21-Dec-10	15:00	Sunny	155.5
28-Dec-10	13:00	Sunny	122.8
28-Dec-10	14:00	Sunny	124.0
28-Dec-10	15:00	Sunny	123.6
		Average	135.7
		Maximum	160.5
		Minimum	84.4

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 Dec 10	Appendix E	