

Appendix E - 1-hour TSP Monitoring Results

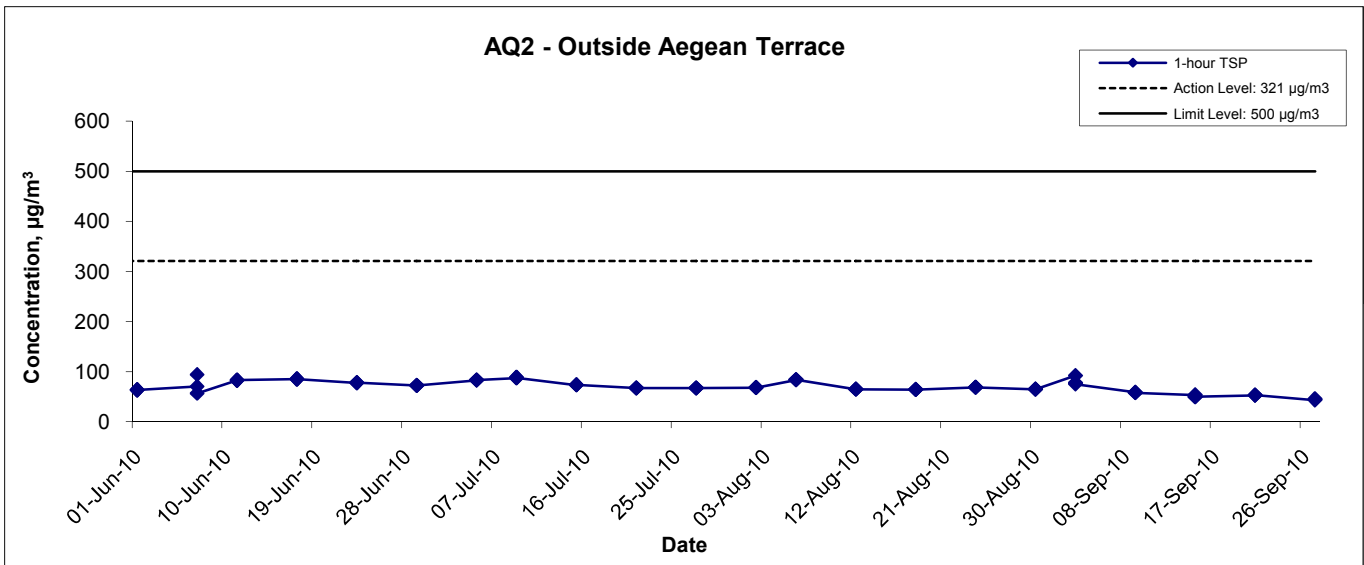
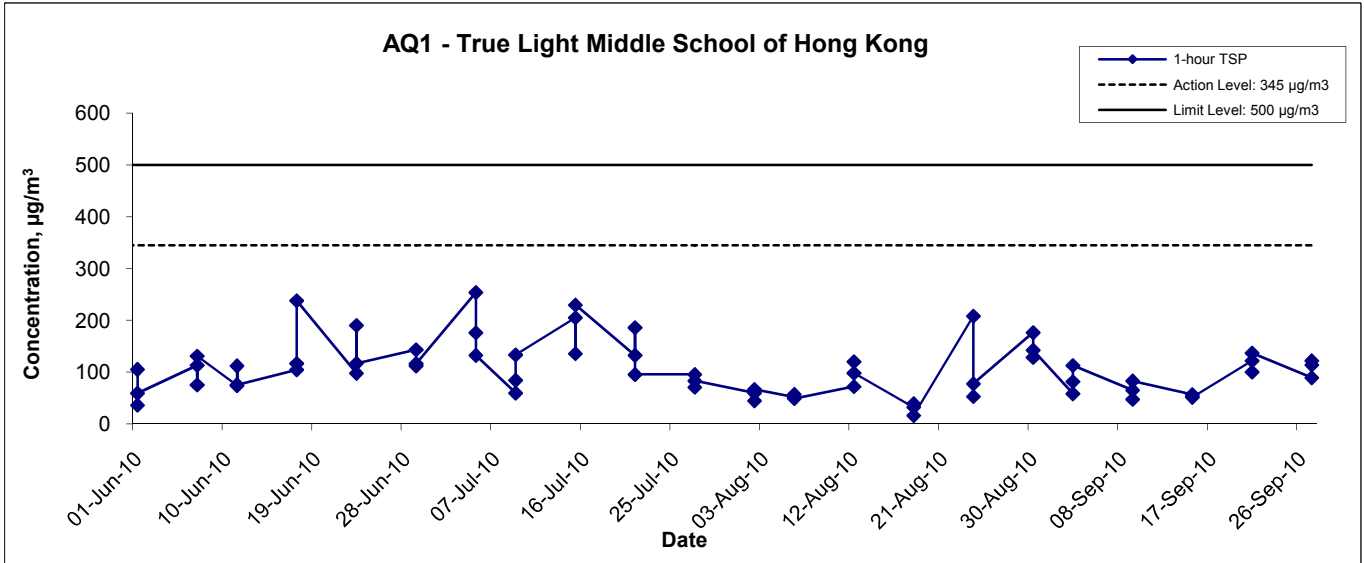
Station AQ1 (True Light Middle School of Hong Kong)

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-Sep-10	09:00	Cloudy	299.1	754.8	3.1974	3.2017	0.0043	5183.3	5184.3	1.0	1.22	1.22	1.22	73.3	58.6
3-Sep-10	10:15	Cloudy	299.3	754.6	3.2021	3.2081	0.0060	5184.3	5185.3	1.0	1.22	1.22	1.22	73.3	81.8
3-Sep-10	13:00	Cloudy	298.6	754.8	3.1992	3.2075	0.0083	5185.3	5186.3	1.0	1.22	1.22	1.22	73.4	113.1
9-Sep-10	09:00	Sunny	300.2	757.5	3.1647	3.1695	0.0048	5210.3	5211.3	1.0	1.22	1.22	1.22	73.3	65.4
9-Sep-10	10:00	Sunny	300.4	757.3	3.1395	3.1430	0.0035	5211.3	5212.3	1.0	1.22	1.22	1.22	73.3	47.7
9-Sep-10	11:00	Sunny	300.7	757.2	3.1803	3.1864	0.0061	5212.3	5213.3	1.0	1.22	1.22	1.22	73.3	83.2
15-Sep-10	09:00	Sunny	301.4	761.8	3.1857	3.1899	0.0042	5237.3	5238.3	1.0	1.23	1.23	1.23	73.6	57.1
15-Sep-10	10:05	Sunny	301.6	761.6	3.1611	3.1650	0.0039	5238.3	5239.3	1.0	1.23	1.23	1.23	73.6	53.0
15-Sep-10	11:08	Sunny	301.7	761.4	3.1234	3.1272	0.0038	5239.3	5240.3	1.0	1.23	1.23	1.23	73.5	51.7
21-Sep-10	09:00	Cloudy	298.3	758.1	3.1860	3.1950	0.0090	5264.3	5265.3	1.0	1.23	1.23	1.23	73.8	122.0
21-Sep-10	10:00	Cloudy	298.5	757.9	3.1514	3.1588	0.0074	5265.3	5266.3	1.0	1.23	1.23	1.23	73.7	100.3
21-Sep-10	11:00	Cloudy	298.8	757.7	3.1971	3.2072	0.0101	5266.3	5267.3	1.0	1.23	1.23	1.23	73.7	137.0
27-Sep-10	09:00	Sunny	301.1	763.1	3.1825	3.1891	0.0066	5291.3	5292.3	1.0	1.23	1.23	1.23	73.7	89.6
27-Sep-10	10:05	Sunny	301.3	762.9	3.2130	3.2214	0.0084	5292.3	5293.3	1.0	1.23	1.23	1.23	73.6	114.1
27-Sep-10	11:10	Sunny	301.5	762.7	3.2132	3.2222	0.0090	5293.3	5294.3	1.0	1.23	1.23	1.23	73.6	122.3
														Min	47.7
														Max	137.0
														Average	86.5

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
3-Sep-10	14:00	Cloudy	91.8
3-Sep-10	15:00	Cloudy	77.4
3-Sep-10	16:00	Cloudy	75.0
9-Sep-10	13:10	Sunny	58.6
9-Sep-10	14:10	Sunny	58.1
9-Sep-10	15:10	Sunny	57.5
15-Sep-10	13:00	Sunny	53.4
15-Sep-10	14:00	Sunny	49.3
15-Sep-10	15:00	Sunny	49.6
21-Sep-10	13:05	Rainy	52.5
21-Sep-10	14:05	Rainy	52.7
21-Sep-10	15:05	Rainy	53.2
27-Sep-10	13:00	Sunny	43.0
27-Sep-10	14:00	Sunny	45.8
27-Sep-10	15:00	Sunny	43.9
		Average	57.5
		Maximum	91.8
		Minimum	43.0

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 Sep 10	Appendix E	