

## Appendix E - 1-hour TSP Monitoring Results

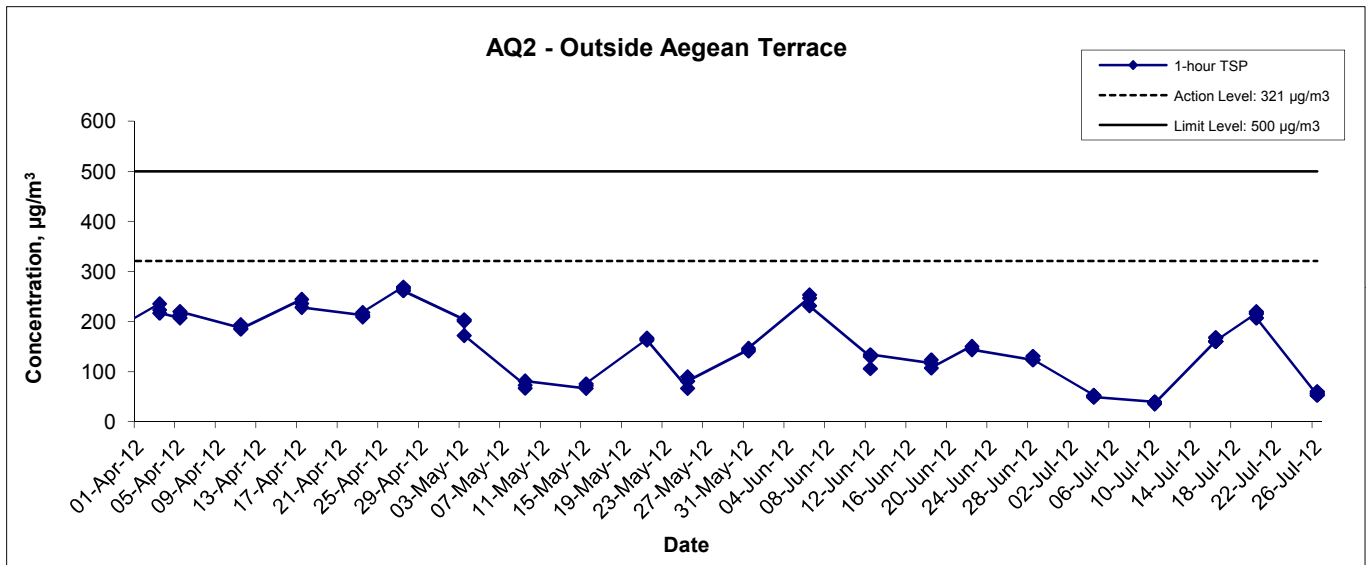
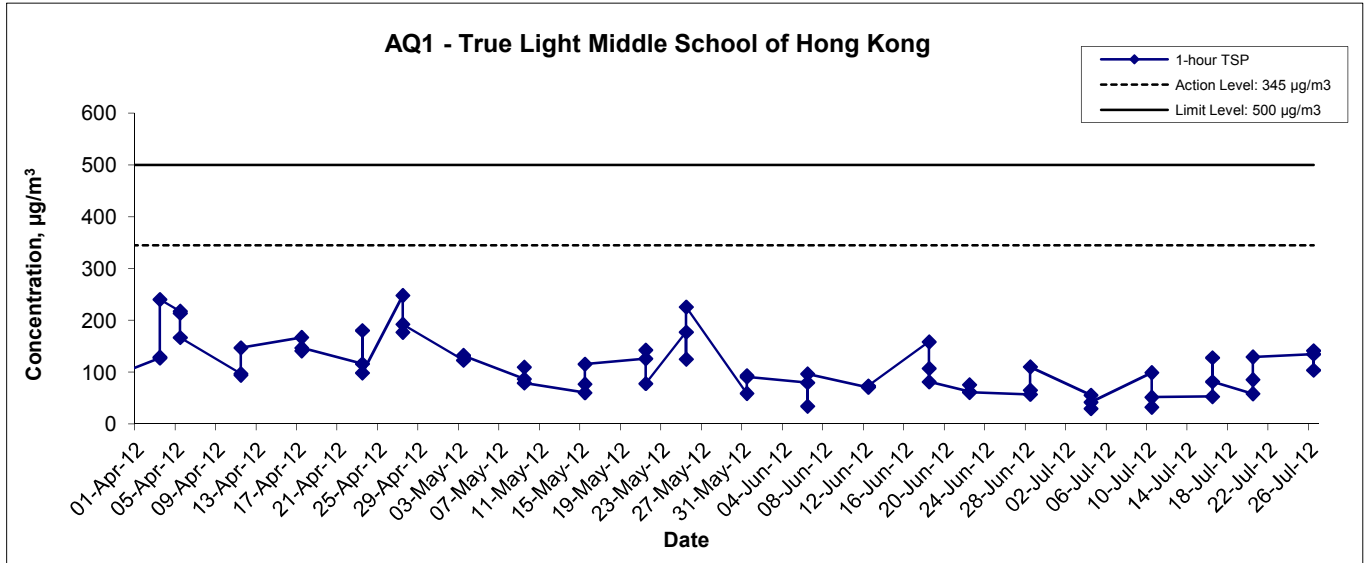
### Station AQ1 (True Light Middle School of Hong Kong)

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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )
					Initial	Final		Initial	Final		Initial	Final			
4-Jul-12	10:55	Sunny	302.6	756.1	3.1070	3.1111	0.0041	8318.3	8319.3	1.0	1.23	1.23	1.23	73.6	55.7
4-Jul-12	14:00	Sunny	303.6	755.5	3.1136	3.1158	0.0022	8319.3	8320.3	1.0	1.22	1.22	1.22	73.4	30.0
4-Jul-12	15:10	Sunny	303.8	755.3	3.1051	3.1082	0.0031	8320.3	8321.3	1.0	1.22	1.22	1.22	73.4	42.2
10-Jul-12	09:00	Sunny	303.1	758.4	3.1293	3.1366	0.0073	8345.3	8346.3	1.0	1.23	1.23	1.23	73.6	99.2
10-Jul-12	13:00	Sunny	304.9	757.1	3.1408	3.1432	0.0024	8346.3	8347.3	1.0	1.22	1.22	1.22	73.4	32.7
10-Jul-12	14:10	Sunny	305.1	756.9	3.0998	3.1036	0.0038	8347.3	8348.3	1.0	1.22	1.22	1.22	73.3	51.8
16-Jul-12	11:30	Cloudy	303.6	756.7	3.1454	3.1493	0.0039	8372.3	8373.3	1.0	1.22	1.22	1.22	73.5	53.1
16-Jul-12	13:00	Cloudy	304.0	756.2	3.1101	3.1195	0.0094	8373.3	8374.3	1.0	1.22	1.22	1.22	73.4	128.0
16-Jul-12	16:35	Cloudy	304.4	755.6	3.0901	3.0961	0.0060	8374.3	8375.3	1.0	1.22	1.22	1.22	73.4	81.8
20-Jul-12	10:45	Cloudy	302.7	756.9	3.1821	3.1864	0.0043	8399.3	8400.3	1.0	1.23	1.23	1.23	73.6	58.4
20-Jul-12	13:50	Cloudy	304.1	755.7	3.1767	3.1830	0.0063	8400.3	8401.3	1.0	1.22	1.22	1.22	73.4	85.9
20-Jul-12	15:10	Cloudy	304.5	755.5	3.1874	3.1969	0.0095	8401.3	8402.3	1.0	1.22	1.22	1.22	73.3	129.5
26-Jul-12	09:00	Cloudy	297.9	757.8	3.2162	3.2262	0.0100	8426.3	8427.3	1.0	1.24	1.24	1.24	74.1	134.9
26-Jul-12	10:05	Cloudy	298.1	757.6	3.1968	3.2045	0.0077	8427.3	8428.3	1.0	1.24	1.24	1.24	74.1	103.9
26-Jul-12	11:06	Cloudy	298.4	757.4	3.1584	3.1689	0.0105	8428.3	8429.3	1.0	1.24	1.23	1.23	74.1	141.7
														Min	30.0
														Max	141.7
														Average	81.9

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
4-Jul-12	9:00	Sunny	52.8
4-Jul-12	10:00	Sunny	50.7
4-Jul-12	11:00	Sunny	49.3
10-Jul-12	9:00	Sunny	39.4
10-Jul-12	10:00	Sunny	39.0
10-Jul-12	11:00	Sunny	36.2
16-Jul-12	9:00	Cloudy	160.3
16-Jul-12	10:00	Cloudy	168.1
16-Jul-12	11:00	Cloudy	160.8
20-Jul-12	9:00	Cloudy	215.8
20-Jul-12	10:00	Cloudy	219.7
20-Jul-12	11:00	Cloudy	207.4
26-Jul-12	13:00	Sunny	53.1
26-Jul-12	14:00	Sunny	60.1
26-Jul-12	15:00	Sunny	56.5
		Average	104.6
		Maximum	219.7
		Minimum	36.2

### 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 12	Appendix E	