

## Appendix E - 1-hour TSP Monitoring Results

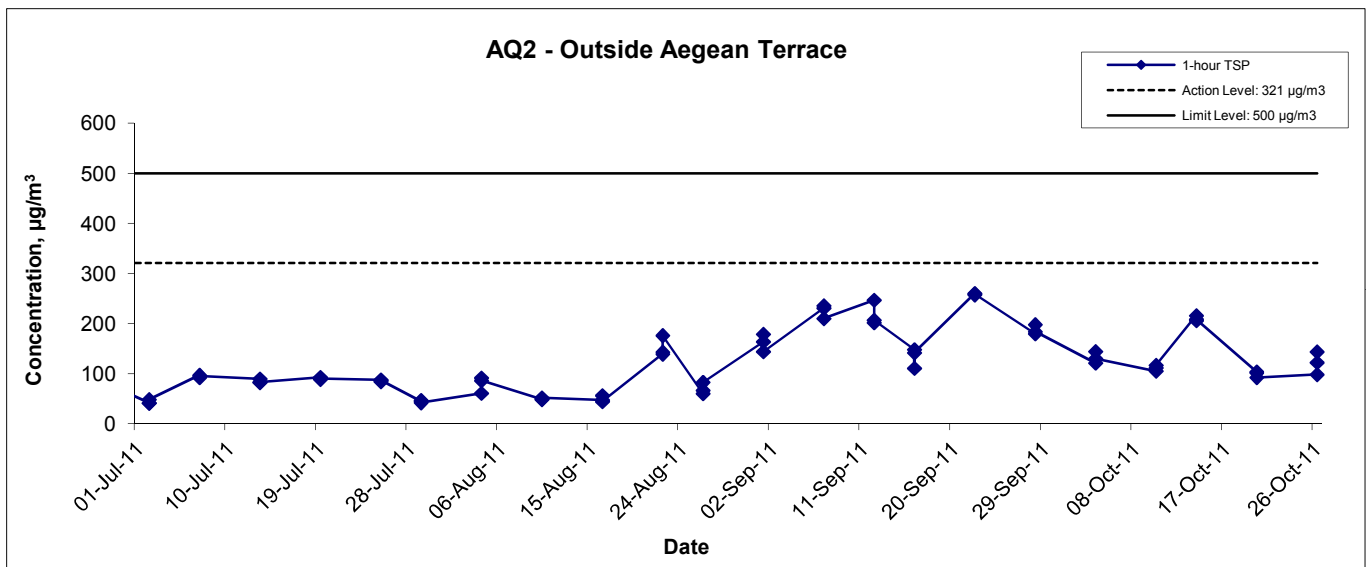
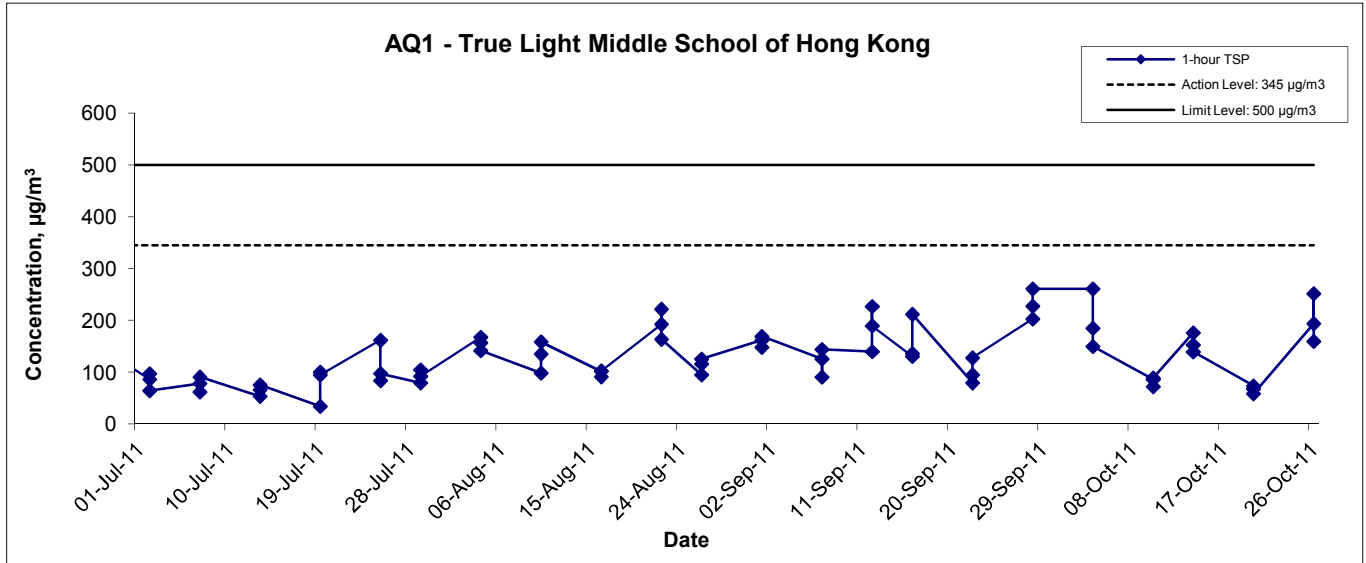
### Station AQ1 (True Light Middle School of Hong Kong)

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-Oct-11	13:00	Cloudy	298.1	761.2	3.3864	3.4056	0.0192	7040.3	7041.3	1.0	1.23	1.23	1.23	73.6	260.9
4-Oct-11	14:05	Cloudy	298.3	761.1	3.4244	3.4380	0.0136	7041.3	7042.3	1.0	1.23	1.23	1.23	73.6	184.8
4-Oct-11	15:10	Cloudy	298.5	760.9	3.3743	3.3853	0.0110	7042.3	7043.3	1.0	1.23	1.23	1.23	73.5	149.6
10-Oct-11	13:00	Cloudy	300.4	760.5	3.3516	3.3579	0.0063	7067.3	7068.3	1.0	1.22	1.22	1.22	73.3	85.9
10-Oct-11	14:05	Cloudy	300.6	760.3	3.3521	3.3574	0.0053	7068.3	7069.3	1.0	1.22	1.22	1.22	73.3	72.3
10-Oct-11	15:10	Cloudy	300.8	760.1	3.3584	3.3649	0.0065	7069.3	7070.3	1.0	1.22	1.22	1.22	73.3	88.7
14-Oct-11	13:00	Cloudy	300.1	759.4	3.4137	3.4266	0.0129	7094.3	7095.3	1.0	1.22	1.22	1.22	73.3	176.0
14-Oct-11	14:05	Cloudy	300.3	759.2	3.3927	3.4039	0.0112	7095.3	7096.3	1.0	1.22	1.22	1.22	73.3	152.8
14-Oct-11	15:10	Cloudy	300.5	759.1	3.3082	3.3184	0.0102	7096.3	7097.3	1.0	1.22	1.22	1.22	73.2	139.3
20-Oct-11	14:00	Sunny	299.3	763.3	3.3521	3.3575	0.0054	7121.3	7122.3	1.0	1.23	1.23	1.23	73.6	73.4
20-Oct-11	15:05	Sunny	299.5	763.1	3.3524	3.3574	0.0050	7122.3	7123.3	1.0	1.23	1.23	1.23	73.5	68.0
20-Oct-11	16:10	Sunny	299.7	762.9	3.4114	3.4157	0.0043	7123.3	7124.3	1.0	1.23	1.22	1.23	73.5	58.5
26-Oct-11	13:00	Sunny	297.7	764.7	3.4068	3.4209	0.0141	7148.3	7149.3	1.0	1.21	1.21	1.21	72.8	193.7
26-Oct-11	14:05	Sunny	297.9	764.5	3.3779	3.3962	0.0183	7149.3	7150.3	1.0	1.21	1.21	1.21	72.8	251.4
26-Oct-11	15:10	Sunny	298.1	764.3	3.3956	3.4072	0.0116	7150.3	7151.3	1.0	1.21	1.21	1.21	72.7	159.5
														Min	58.5
														Max	260.9
														Average	141.0

## Appendix E - 1-hour TSP Monitoring Results

Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
4-Oct-11	9:00	Cloudy	121.0
4-Oct-11	10:00	Cloudy	144.0
4-Oct-11	11:00	Cloudy	130.0
10-Oct-11	9:00	Cloudy	105.0
10-Oct-11	10:00	Cloudy	111.4
10-Oct-11	11:00	Cloudy	116.6
14-Oct-11	9:00	Cloudy	215.8
14-Oct-11	10:00	Cloudy	205.7
14-Oct-11	11:00	Cloudy	208.3
20-Oct-11	9:00	Sunny	103.6
20-Oct-11	10:00	Sunny	101.6
20-Oct-11	11:00	Sunny	92.2
26-Oct-11	9:00	Sunny	98.2
26-Oct-11	10:00	Sunny	122.2
26-Oct-11	11:00	Sunny	143.4
		Average	134.6
		Maximum	215.8
		Minimum	92.2

### 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 Oct 11	Appendix E	