

## Appendix E - 1-hour TSP Monitoring Results

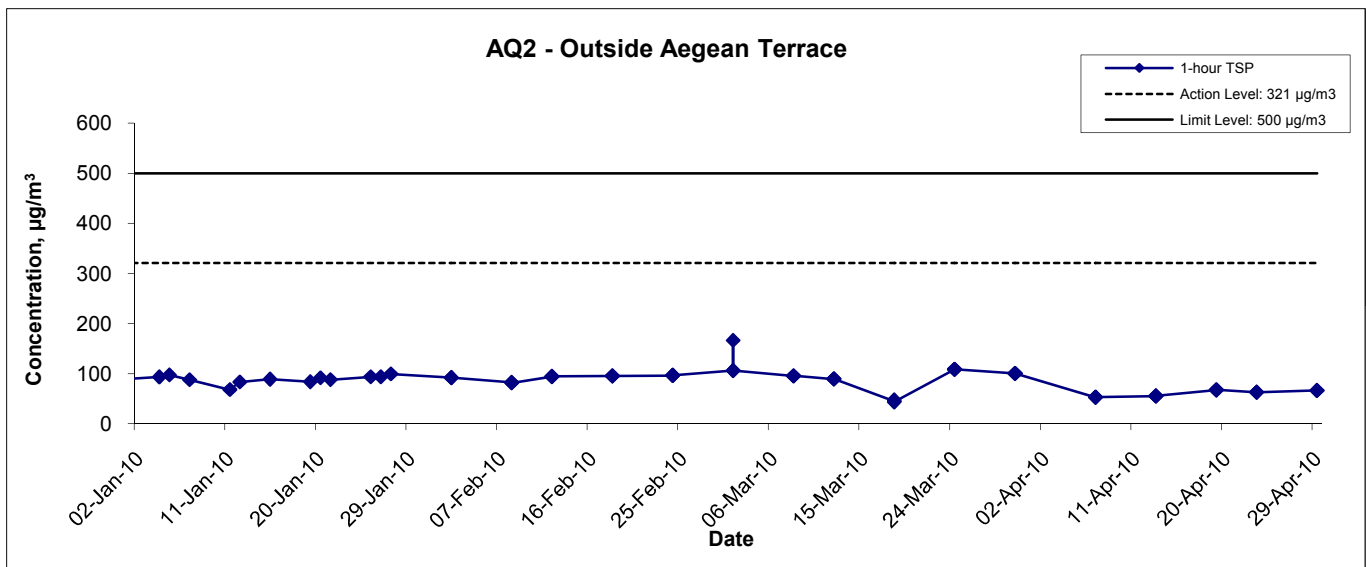
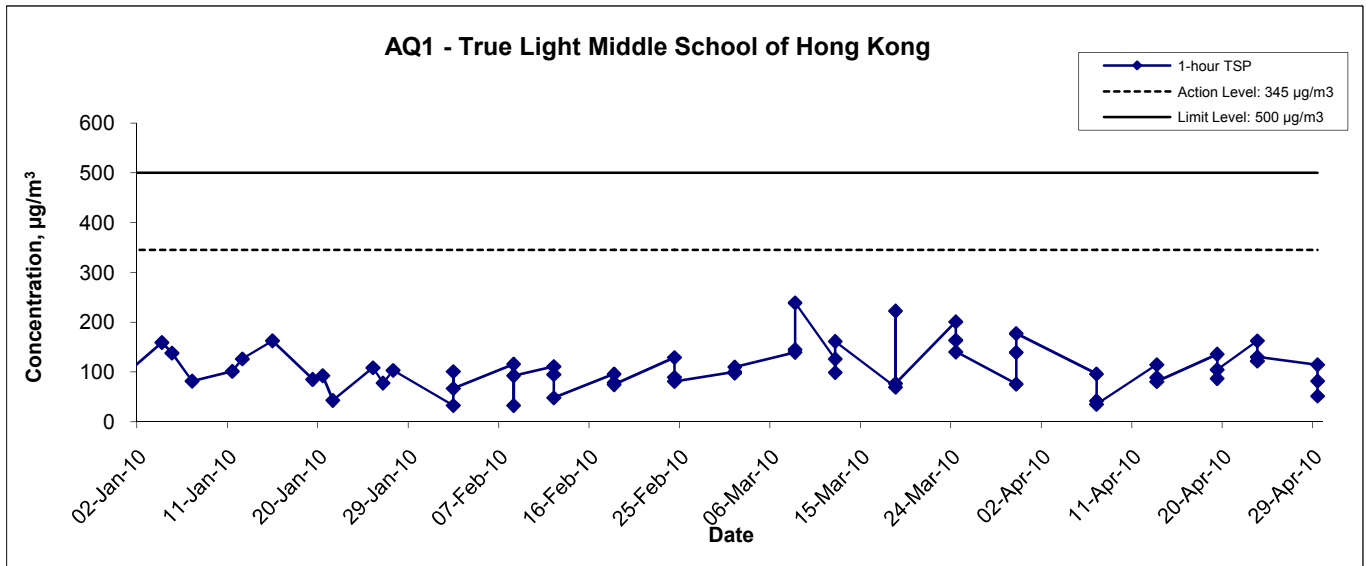
### Station AQ1 (True Light Middle School of Hong Kong)

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			
7-Apr-10	09:00	Cloudy	293.2	766.2	3.3774	3.3845	0.0071	4511.3	4512.3	1.0	1.23	1.23	1.23	73.8	96.2
7-Apr-10	10:00	Cloudy	293.2	766.2	3.3517	3.3548	0.0031	4512.3	4513.3	1.0	1.23	1.23	1.23	73.8	42.0
7-Apr-10	11:00	Cloudy	293.4	766.2	3.4419	3.4445	0.0026	4513.3	4514.3	1.0	1.23	1.23	1.23	73.8	35.3
13-Apr-10	09:00	Cloudy	297.8	763.4	3.4435	3.4519	0.0084	4514.3	4515.3	1.0	1.22	1.22	1.22	73.1	114.9
13-Apr-10	10:00	Cloudy	298.0	763.3	3.4428	3.4493	0.0065	4515.3	4516.3	1.0	1.22	1.22	1.22	73.1	88.9
13-Apr-10	11:00	Cloudy	298.3	763.1	3.4524	3.4583	0.0059	4516.3	4517.3	1.0	1.22	1.22	1.22	73.0	80.8
19-Apr-10	09:00	Cloudy	293.6	763.1	3.2119	3.2219	0.0100	4541.3	4542.3	1.0	1.23	1.23	1.23	73.6	135.9
19-Apr-10	10:00	Cloudy	293.8	762.9	3.2241	3.2305	0.0064	4542.3	4543.3	1.0	1.23	1.23	1.23	73.6	87.0
19-Apr-10	11:00	Cloudy	294.0	762.7	3.2391	3.2468	0.0077	4543.3	4544.3	1.0	1.23	1.23	1.23	73.5	104.7
23-Apr-10	09:00	Cloudy	293.3	765.8	3.3500	3.3620	0.0120	4568.3	4569.3	1.0	1.23	1.23	1.23	73.7	162.7
23-Apr-10	10:00	Cloudy	293.5	765.6	3.3373	3.3463	0.0090	4569.3	4570.3	1.0	1.23	1.23	1.23	73.7	122.1
23-Apr-10	11:00	Cloudy	293.7	765.4	3.3335	3.3431	0.0096	4570.3	4571.3	1.0	1.23	1.23	1.23	73.7	130.3
29-Apr-10	09:00	Cloudy	296.0	763.6	2.8496	2.8580	0.0084	4595.3	4596.3	1.0	1.22	1.22	1.22	73.3	114.6
29-Apr-10	10:00	Cloudy	296.2	763.5	3.8680	3.8740	0.0060	4596.3	4597.3	1.0	1.22	1.22	1.22	73.3	81.9
29-Apr-10	11:00	Cloudy	296.4	763.3	3.8433	3.8471	0.0038	4597.3	4598.3	1.0	1.22	1.22	1.22	73.3	51.9
														Min	35.3
														Max	162.7
														Average	96.6

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
7-Apr-10	13:00	Cloudy	52.7
7-Apr-10	14:00	Cloudy	52.8
7-Apr-10	15:00	Cloudy	53.2
13-Apr-10	13:10	Sunny	54.9
13-Apr-10	14:10	Sunny	55.2
13-Apr-10	15:10	Sunny	55.5
19-Apr-10	13:00	Cloudy	67.1
19-Apr-10	14:00	Cloudy	67.4
19-Apr-10	15:00	Cloudy	67.7
23-Apr-10	13:00	Cloudy	62.9
23-Apr-10	14:00	Cloudy	63.0
23-Apr-10	15:00	Cloudy	62.5
29-Apr-10	9:00	Cloudy	66.5
29-Apr-10	10:00	Cloudy	66.1
29-Apr-10	11:00	Cloudy	66.1
		Average	60.9
		Maximum	67.7
		Minimum	52.7

### 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 Apr 10	Appendix E	