

## Appendix E - 1-hour TSP Monitoring Results

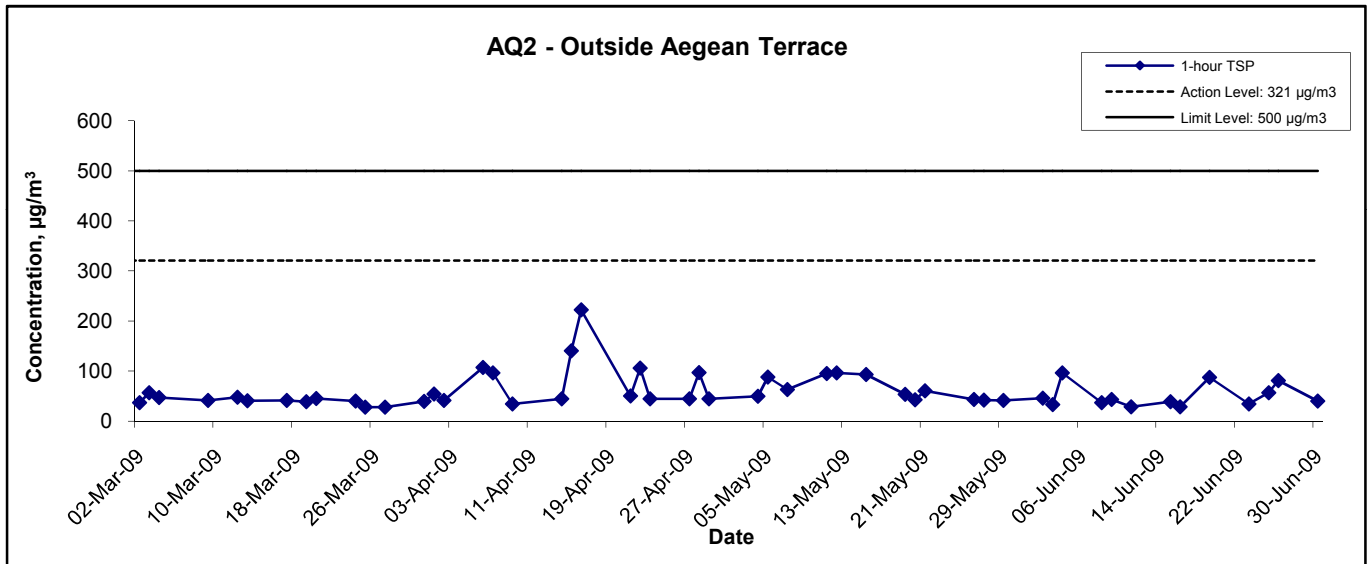
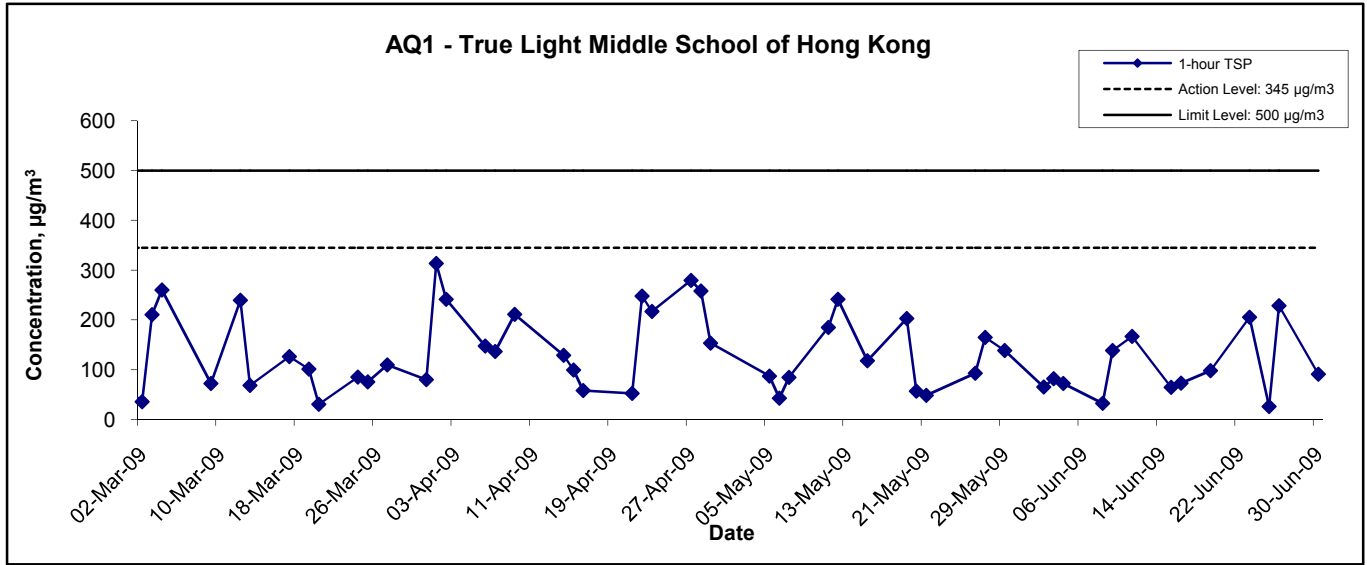
### Station AQ1 (True Light Middle School of Hong Kong)

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			
2-Jun-09	13:00	Cloudy	300.9	754.8	2.8674	2.8721	0.0047	3128.3	3129.3	1.0	1.20	1.20	1.20	71.9	65.4
3-Jun-09	09:00	Cloudy	300.4	753.8	2.8637	2.8696	0.0059	3129.3	3130.3	1.0	1.20	1.20	1.20	71.9	82.0
4-Jun-09	09:00	Cloudy	299.3	752.6	2.8465	2.8517	0.0052	3130.3	3131.3	1.0	1.20	1.20	1.20	72.0	72.2
8-Jun-09	13:00	Cloudy	301.1	757.2	2.7627	2.7650	0.0023	3155.3	3156.3	1.0	1.20	1.20	1.20	72.0	31.9
9-Jun-09	09:00	Cloudy	299.6	757.9	2.8098	2.8199	0.0101	3156.3	3157.3	1.0	1.22	1.22	1.22	73.0	138.3
11-Jun-09	09:00	Cloudy	298.9	757.3	2.8148	2.8270	0.0122	3157.3	3158.3	1.0	1.22	1.22	1.22	73.1	166.9
15-Jun-09	13:00	Cloudy	301.1	756.3	2.8679	2.8726	0.0047	3182.3	3183.3	1.0	1.21	1.21	1.21	72.8	64.5
16-Jun-09	09:00	Cloudy	299.2	758.4	2.8651	2.8704	0.0053	3183.3	3184.3	1.0	1.22	1.22	1.22	73.1	72.5
19-Jun-09	17:00	Sunny	301.9	753.4	2.8930	2.9001	0.0071	3208.3	3209.3	1.0	1.21	1.21	1.21	72.6	97.8
23-Jun-09	09:00	Cloudy	303.1	756.4	2.8731	2.8880	0.0149	3209.3	3210.3	1.0	1.21	1.21	1.21	72.6	205.2
25-Jun-09	14:05	Cloudy	301.3	755.4	2.9049	2.9068	0.0019	3233.3	3234.3	1.0	1.21	1.21	1.21	72.8	26.1
26-Jun-09	16:00	Cloudy	301.4	753.9	2.8416	2.8582	0.0166	3234.3	3235.3	1.0	1.21	1.21	1.21	72.7	228.4
30-Jun-09	09:00	Cloudy	303.3	759.6	2.8858	2.8924	0.0066	3235.3	3236.3	1.0	1.21	1.21	1.21	72.7	90.8
														Min	26.1
														Max	228.4
														Average	103.2

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
2-Jun-09	9:10	Cloudy	46.3
3-Jun-09	15:20	Cloudy	33.5
4-Jun-09	13:30	Sunny	96.9
8-Jun-09	10:00	Cloudy	37.5
9-Jun-09	9:15	Cloudy	43.3
11-Jun-09	13:00	Cloudy	28.7
15-Jun-09	15:20	Cloudy	39.1
16-Jun-09	11:00	Cloudy	28.7
19-Jun-09	15:25	Cloudy	87.8
23-Jun-09	13:25	Cloudy	34.8
25-Jun-09	16:20	Cloudy	57.1
26-Jun-09	13:45	Cloudy	81.1
30-Jun-09	16:20	Cloudy	40.3
		Average	50.4
		Maximum	96.9
		Minimum	28.7

### 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 Jun 09	Appendix E	