

Appendix E - 1-hour TSP Monitoring Results

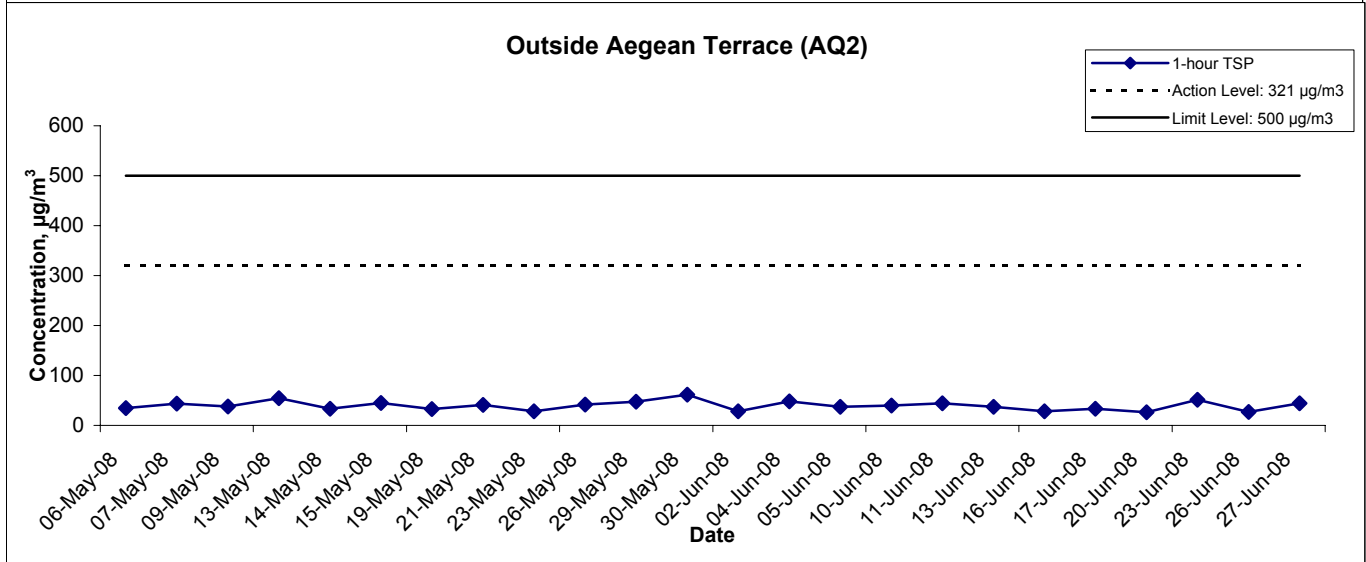
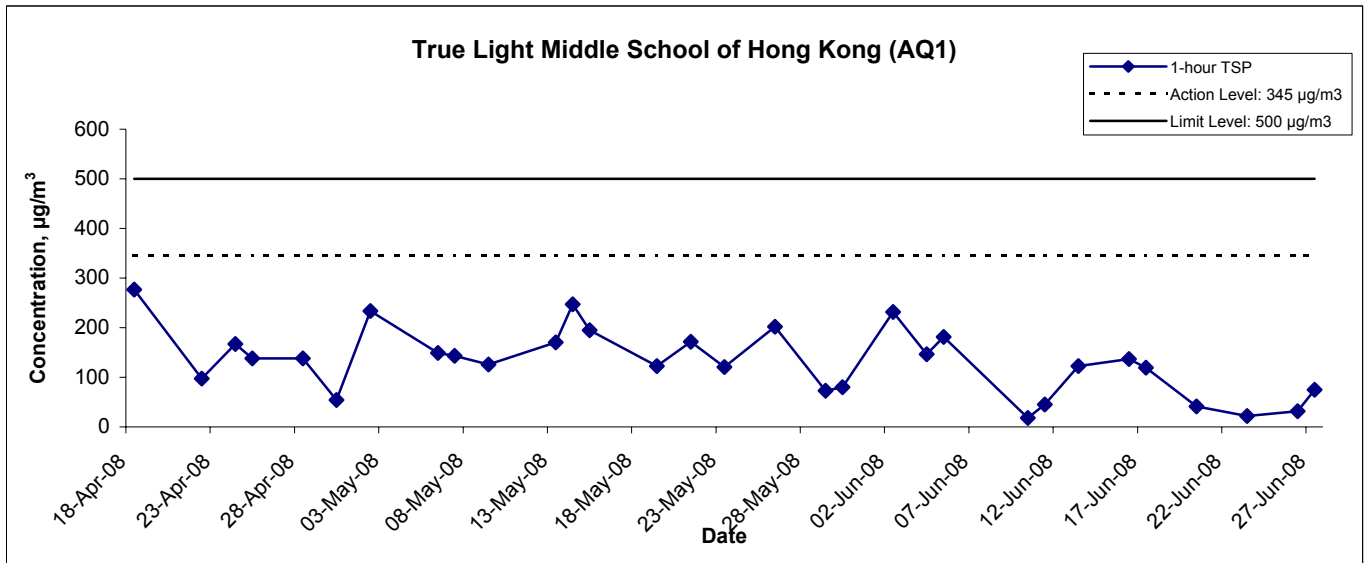
Station AQ1 (True Light Middle School of Hong Kong)

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			
2-Jun-08	09:00	Cloudy	297.4	757.8	2.8623	2.8792	0.0169	1440.9	1441.9	1.0	1.22	1.22	1.22	73.0	231.4
4-Jun-08	15:15	Cloudy	298.6	758.2	2.7988	2.8095	0.0107	1465.9	1466.9	1.0	1.22	1.21	1.22	72.9	146.8
5-Jun-08	09:00	Cloudy	299.5	758.8	2.8434	2.8566	0.0132	1467.9	1468.9	1.0	1.21	1.21	1.21	72.8	181.3
10-Jun-08	14:05	Cloudy	297.1	759.3	2.8317	2.8330	0.0013	1492.9	1493.9	1.0	1.22	1.22	1.22	73.2	17.8
11-Jun-08	09:00	Sunny	296.9	759.5	2.8757	2.8790	0.0033	1493.9	1494.9	1.0	1.22	1.22	1.22	73.2	45.1
13-Jun-08	09:00	Cloudy	300.1	755.8	2.8524	2.8613	0.0089	1494.9	1495.9	1.0	1.21	1.21	1.21	72.6	122.6
16-Jun-08	14:20	Cloudy	301.2	754.8	2.8454	2.8554	0.0100	1519.9	1520.9	1.0	1.22	1.22	1.22	73.1	136.8
17-Jun-08	09:00	Cloudy	298.2	756.2	2.8222	2.8310	0.0088	1520.9	1521.9	1.0	1.23	1.23	1.23	73.5	119.7
20-Jun-08	16:15	Cloudy	303.7	758.2	2.7958	2.7988	0.0030	1545.9	1546.9	1.0	1.22	1.22	1.22	73.0	41.1
23-Jun-08	09:00	Sunny	302.6	754.3	2.8416	2.8432	0.0016	1546.9	1547.9	1.0	1.22	1.22	1.22	72.9	21.9
26-Jun-08	09:00	Cloudy	298.7	755.8	2.8597	2.8620	0.0023	1571.9	1572.9	1.0	1.22	1.22	1.22	73.5	31.3
27-Jun-08	09:00	Cloudy	298.1	757.3	2.8161	2.8216	0.0055	1572.9	1573.9	1.0	1.23	1.23	1.23	73.6	74.7
														Min	17.8
														Max	231.4
														Average	94.5

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Jun-08	13:35	Cloudy	28.0
4-Jun-08	13:40	Cloudy	48.0
5-Jun-08	13:55	Cloudy	37.4
10-Jun-08	15:35	Cloudy	39.5
11-Jun-08	15:35	Sunny	44.5
13-Jun-08	13:00	Cloudy	36.9
16-Jun-08	13:00	Cloudy	28.1
17-Jun-08	9:05	Cloudy	33.6
20-Jun-08	14:15	Sunny	26.5
23-Jun-08	14:25	Sunny	51.2
26-Jun-08	15:30	Cloudy	26.9
27-Jun-08	15:45	Cloudy	44.2
		Average	39.6
		Maximum	61.3
		Minimum	26.5

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 08	Appendix E	