

Appendix D - 1-hour TSP Monitoring Results

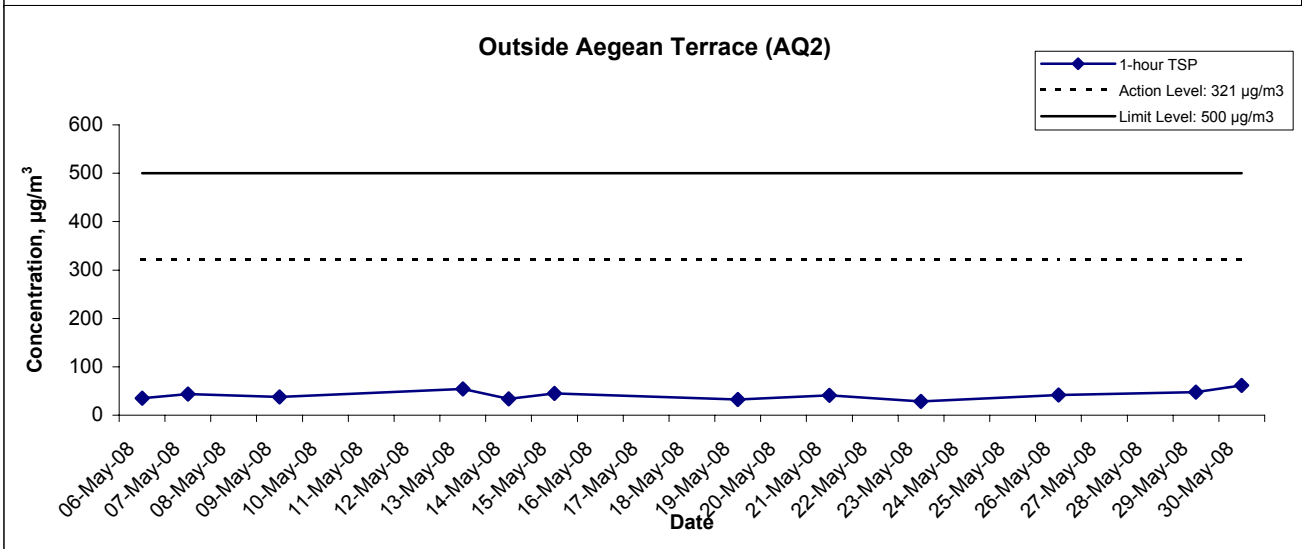
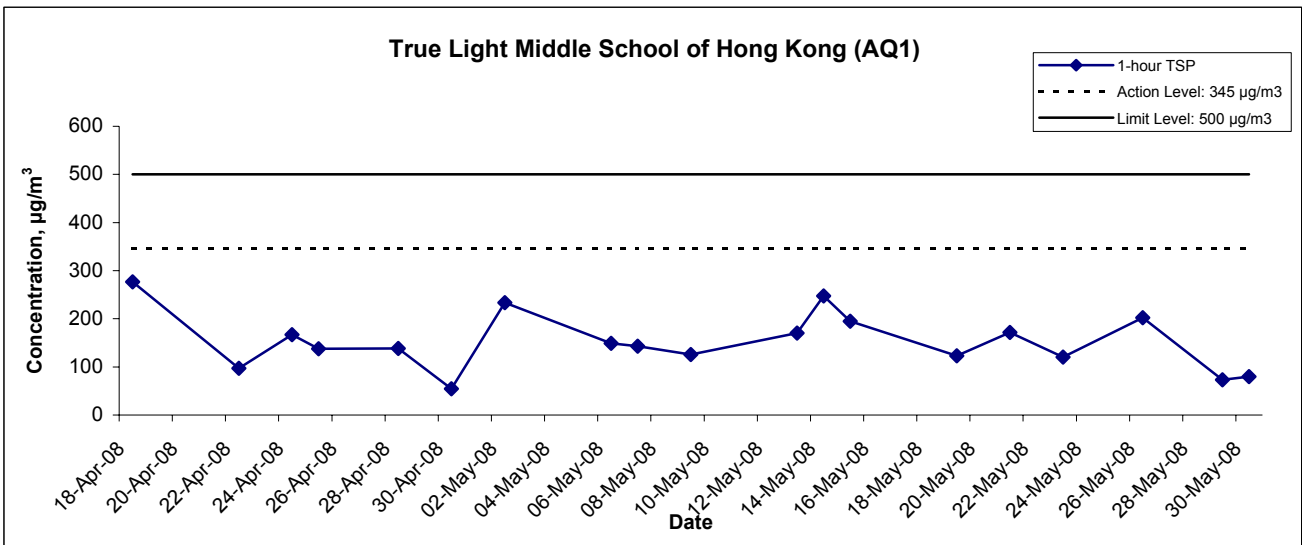
Station AQ1 (True Light Middle School of Hong Kong)

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			
30-Apr-08	10:10	Cloudy	296.3	762.3	2.8139	2.8179	0.0040	1305.9	1306.9	1.0	1.22	1.22	1.22	73.4	54.5
2-May-08	09:00	Cloudy	296.2	760.0	2.8329	2.8500	0.0171	1306.9	1307.9	1.0	1.22	1.22	1.22	73.3	233.2
6-May-08	14:00	Cloudy	296.4	759.6	2.8331	2.8440	0.0109	1332.9	1333.9	1.0	1.22	1.22	1.22	73.3	148.8
7-May-08	09:00	Sunny	296.2	760.8	2.8260	2.8365	0.0105	1333.9	1334.9	1.0	1.22	1.22	1.22	73.4	143.1
9-May-08	09:00	Sunny	301.5	756.9	2.8344	2.8435	0.0091	1334.9	1335.9	1.0	1.21	1.21	1.21	72.4	125.6
13-May-08	13:30	Sunny	300.7	762.1	2.8438	2.8562	0.0124	1359.9	1360.9	1.0	1.21	1.21	1.21	72.8	170.3
14-May-08	09:00	Sunny	298.1	763.3	2.8341	2.8522	0.0181	1360.9	1361.9	1.0	1.22	1.22	1.22	73.2	247.2
15-May-08	09:00	Sunny	297.5	762.5	2.8283	2.8426	0.0143	1361.9	1362.9	1.0	1.22	1.22	1.22	73.3	195.2
19-May-08	14:35	Cloudy	295.9	759.1	2.8875	2.8965	0.0090	1386.9	1387.9	1.0	1.22	1.22	1.22	73.3	122.8
21-May-08	09:00	Cloudy	295.2	759.6	2.8280	2.8406	0.0126	1387.9	1388.9	1.0	1.22	1.22	1.22	73.4	171.6
23-May-08	09:00	Sunny	299.1	760.0	2.8600	2.8688	0.0088	1412.9	1413.9	1.0	1.22	1.22	1.22	72.9	120.7
26-May-08	09:00	Cloudy	300.4	759.3	2.8474	2.8621	0.0147	1413.9	1414.9	1.0	1.21	1.21	1.21	72.7	202.2
29-May-08	15:05	Cloudy	299.7	754.9	2.8543	2.8596	0.0053	1438.9	1439.9	1.0	1.21	1.21	1.21	72.6	73.0
30-May-08	09:00	Cloudy	299.8	756.6	2.8682	2.8740	0.0058	1439.9	1440.9	1.0	1.21	1.21	1.21	72.7	79.8
														Min	54.5
														Max	247.2
														Average	149.1

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Station AQ2 - Outside Aegean Terrace			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
6-May-08	16:20	Cloudy	34.8
7-May-08	15:10	Sunny	43.7
9-May-08	10:20	Sunny	37.8
13-May-08	16:00	Sunny	54.5
14-May-08	16:15	Sunny	33.6
15-May-08	15:10	Sunny	45.0
19-May-08	13:00	Cloudy	32.7
21-May-08	14:20	Cloudy	41.1
23-May-08	15:00	Sunny	28.5
26-May-08	15:15	Cloudy	41.5
29-May-08	16:30	Cloudy	47.6
30-May-08	14:00	Cloudy	61.3
		Average	41.8
		Maximum	61.3
		Minimum	28.5

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 May 08	Appendix D	