

Appendix E - 1-hour TSP Monitoring Results

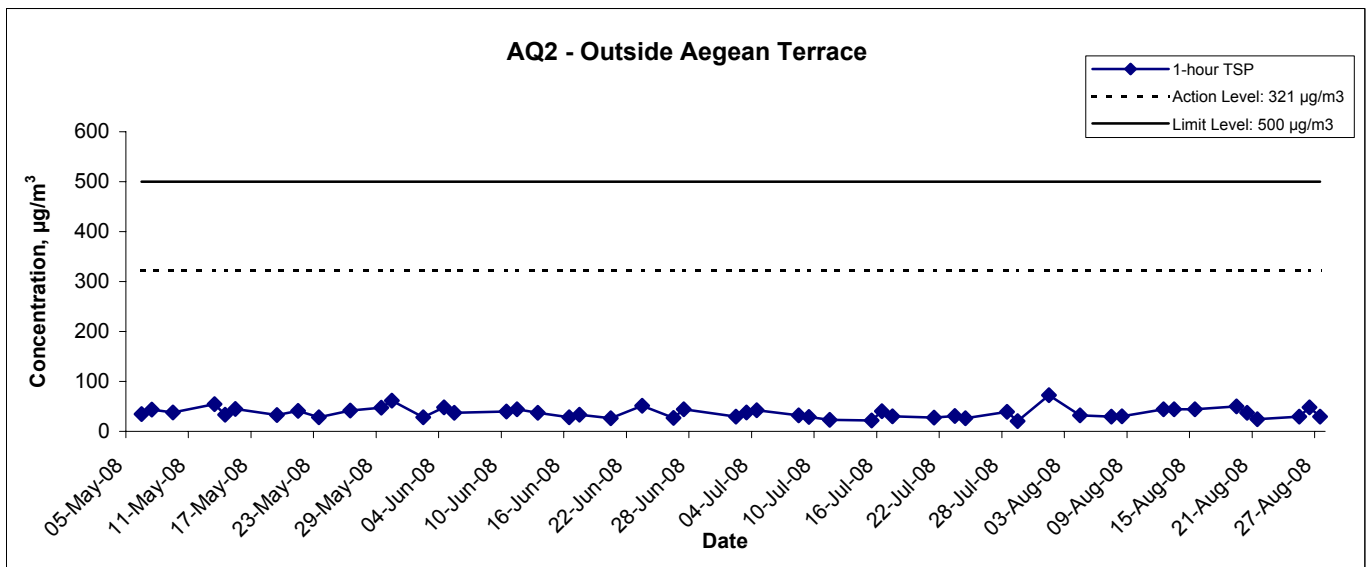
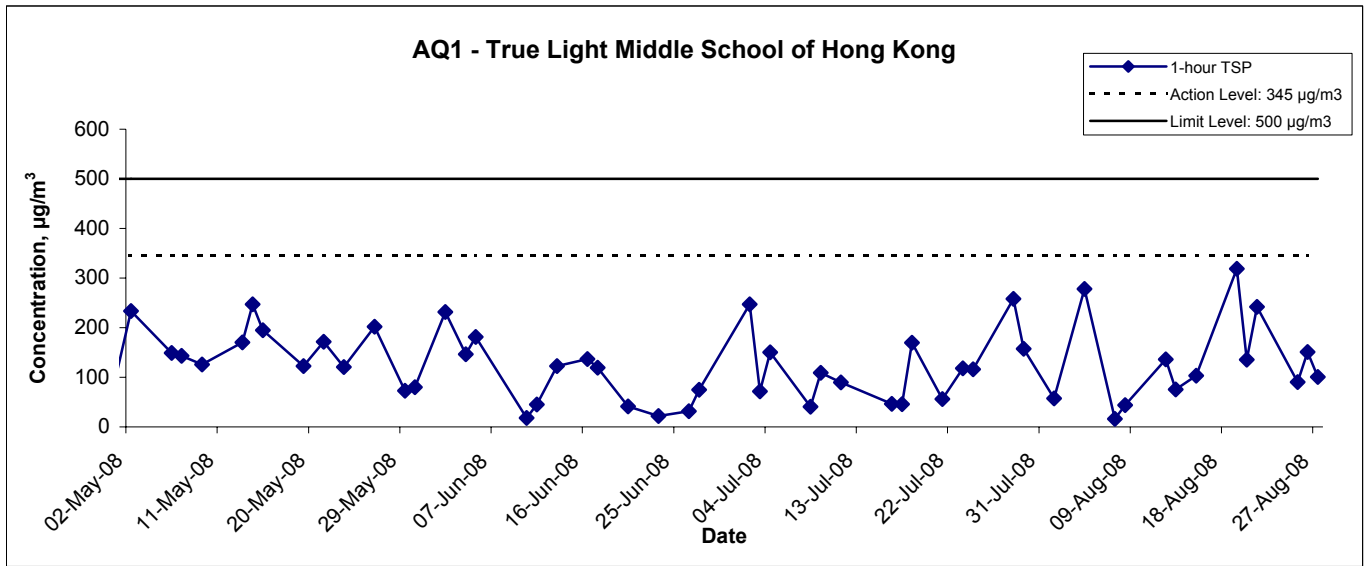
Station AQ1 (True Light Middle School of Hong Kong)

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			
1-Aug-08	10:00	Sunny	301.1	760.1	2.8137	2.8179	0.0042	1742.2	1743.2	1.0	1.22	1.22	1.22	73.4	57.2
4-Aug-08	09:00	Sunny	302.5	756.2	2.8109	2.8312	0.0203	1743.2	1744.2	1.0	1.22	1.22	1.22	73.0	278.0
7-Aug-08	14:00	Cloudy	300.5	754.3	2.8514	2.8526	0.0012	1748.2	1749.2	1.0	1.22	1.22	1.22	73.2	16.4
8-Aug-08	15:10	Cloudy	298.5	755.6	2.7911	2.7943	0.0032	1773.2	1774.2	1.0	1.22	1.22	1.22	73.5	43.5
12-Aug-08	09:00	Cloudy	299.6	760.2	2.8059	2.8159	0.0100	1774.2	1775.2	1.0	1.23	1.22	1.23	73.6	135.9
13-Aug-08	16:00	Cloudy	304.8	759.4	2.7923	2.7978	0.0055	1799.2	1800.2	1.0	1.22	1.21	1.22	72.9	75.4
15-Aug-08	13:30	Sunny	305.2	755.2	2.8546	2.8621	0.0075	1800.2	1801.2	1.0	1.21	1.21	1.21	72.7	103.2
19-Aug-08	14:30	Cloudy	304.3	759.2	2.8273	2.8506	0.0233	1825.2	1826.2	1.0	1.22	1.22	1.22	73.1	318.7
20-Aug-08	09:00	Sunny	303.7	758.9	2.8522	2.8621	0.0099	1826.2	1827.2	1.0	1.22	1.22	1.22	73.2	135.3
21-Aug-08	09:00	Sunny	302.3	756.6	2.8677	2.8854	0.0177	1827.2	1828.2	1.0	1.22	1.22	1.22	73.2	241.8
25-Aug-08	15:00	Cloudy	303.1	759.6	2.8086	2.8152	0.0066	1852.2	1853.2	1.0	1.22	1.22	1.22	73.3	90.1
26-Aug-08	09:00	Sunny	301.6	760.6	2.7952	2.8063	0.0111	1853.2	1854.2	1.0	1.22	1.22	1.22	73.5	151.1
27-Aug-08	09:00	Sunny	301.6	760.7	2.8620	2.8694	0.0074	1854.2	1855.2	1.0	1.22	1.22	1.22	73.5	100.7
														Min	16.4
														Max	318.7
														Average	134.4

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Aug-08	15:00	Sunny	72.4
4-Aug-08	16:30	Sunny	32.2
7-Aug-08	15:00	Cloudy	29.3
8-Aug-08	11:00	Cloudy	30.3
12-Aug-08	16:25	Cloudy	44.3
13-Aug-08	13:40	Cloudy	44.0
15-Aug-08	15:10	Sunny	44.5
19-Aug-08	16:10	Cloudy	49.9
20-Aug-08	15:10	Sunny	37.4
21-Aug-08	15:20	Sunny	24.4
25-Aug-08	16:45	Cloudy	29.2
26-Aug-08	14:20	Sunny	48.0
27-Aug-08	15:00	Sunny	29.4
		Average	39.6
		Maximum	72.4
		Minimum	24.4

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 Aug 08	Appendix E	