

## Appendix E - 1-hour TSP Monitoring Results

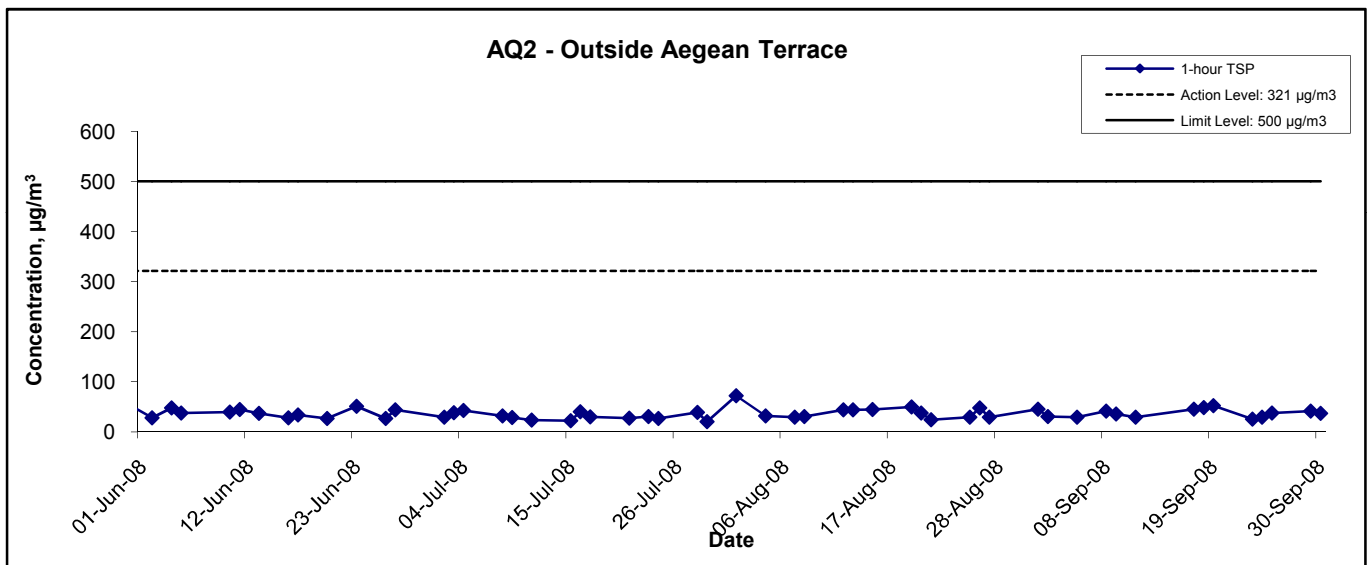
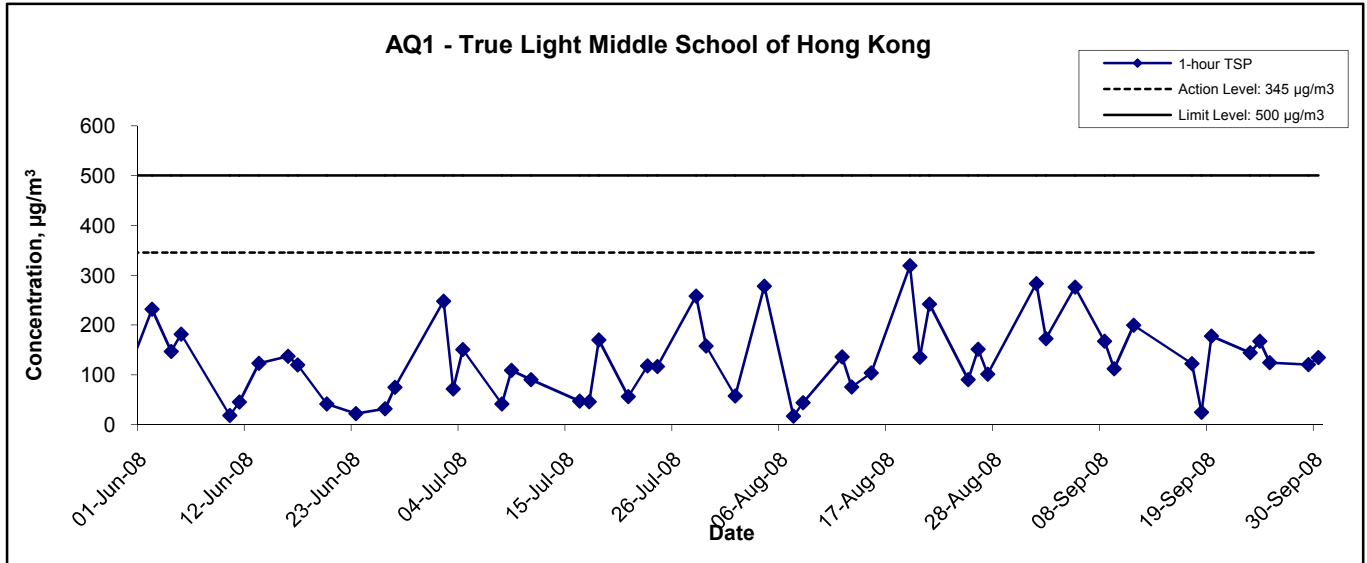
### Station AQ1 (True Light Middle School of Hong Kong)

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			
1-Sep-08	13:45	Sunny	306.0	758.8	2.8936	2.9142	0.0206	1879.2	1880.2	1.0	1.21	1.21	1.21	72.7	283.2
2-Sep-08	09:00	Cloudy	300.3	761.0	2.8986	2.9113	0.0127	1880.2	1881.2	1.0	1.23	1.23	1.23	73.6	172.5
5-Sep-08	16:00	Cloudy	299.7	759.9	2.8401	2.8606	0.0205	1905.2	1906.3	1.0	1.23	1.23	1.23	74.4	275.6
8-Sep-08	09:00	Sunny	301.3	762.4	2.9137	2.9260	0.0123	1906.3	1907.3	1.0	1.23	1.23	1.23	73.6	167.2
9-Sep-08	09:00	Sunny	301.9	761.1	2.8684	2.8766	0.0082	1907.3	1908.3	1.0	1.22	1.22	1.22	73.4	111.6
11-Sep-08	15:00	Sunny	306.4	757.1	2.8095	2.8240	0.0145	1932.3	1933.3	1.0	1.21	1.21	1.21	72.8	199.2
17-Sep-08	14:00	Sunny	305.7	757.3	2.8676	2.8765	0.0089	1957.3	1958.3	1.0	1.21	1.21	1.21	72.9	122.1
18-Sep-08	09:00	Sunny	300.1	760.2	2.8672	2.8690	0.0018	1958.3	1959.3	1.0	1.23	1.23	1.23	73.6	24.5
19-Sep-08	09:00	Sunny	299.3	761.5	2.8757	2.8888	0.0131	1959.3	1960.3	1.0	1.23	1.23	1.23	73.7	177.6
23-Sep-08	13:00	Cloudy	299.8	756.3	2.8434	2.8540	0.0106	1984.3	1985.3	1.0	1.22	1.22	1.22	73.5	144.3
24-Sep-08	09:00	Cloudy	299.7	756.2	2.8245	2.8368	0.0123	1985.3	1986.3	1.0	1.23	1.22	1.22	73.5	167.4
25-Sep-08	09:00	Cloudy	302.0	760.1	2.8994	2.9085	0.0091	1986.3	1987.3	1.0	1.22	1.22	1.22	73.4	124.0
29-Sep-08	15:00	Sunny	303.8	756.9	2.8617	2.8705	0.0088	2011.3	2012.3	1.0	1.22	1.22	1.22	73.1	120.4
30-Sep-08	09:00	Sunny	299.7	761.8	2.8626	2.8725	0.0099	2012.3	2013.3	1.0	1.23	1.23	1.23	73.7	134.3
														Min	24.5
														Max	283.2
														Average	158.9

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
1-Sep-08	16:15	Sunny	45.2
2-Sep-08	15:20	Cloudy	30.4
5-Sep-08	16:25	Cloudy	29.5
8-Sep-08	13:00	Sunny	41.7
9-Sep-08	15:00	Sunny	35.8
11-Sep-08	11:00	Sunny	29.2
17-Sep-08	15:10	Sunny	45.5
18-Sep-08	13:00	Sunny	48.5
19-Sep-08	13:00	Sunny	52.6
23-Sep-08	11:00	Cloudy	25.2
24-Sep-08	13:00	Cloudy	29.4
25-Sep-08	16:00	Cloudy	37.5
29-Sep-08	16:15	Sunny	41.3
30-Sep-08	15:00	Sunny	37.2
		Average	37.8
		Maximum	52.6
		Minimum	25.2

### 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 Sep 08	Appendix E	