

## Appendix E - 1-hour TSP Monitoring Results

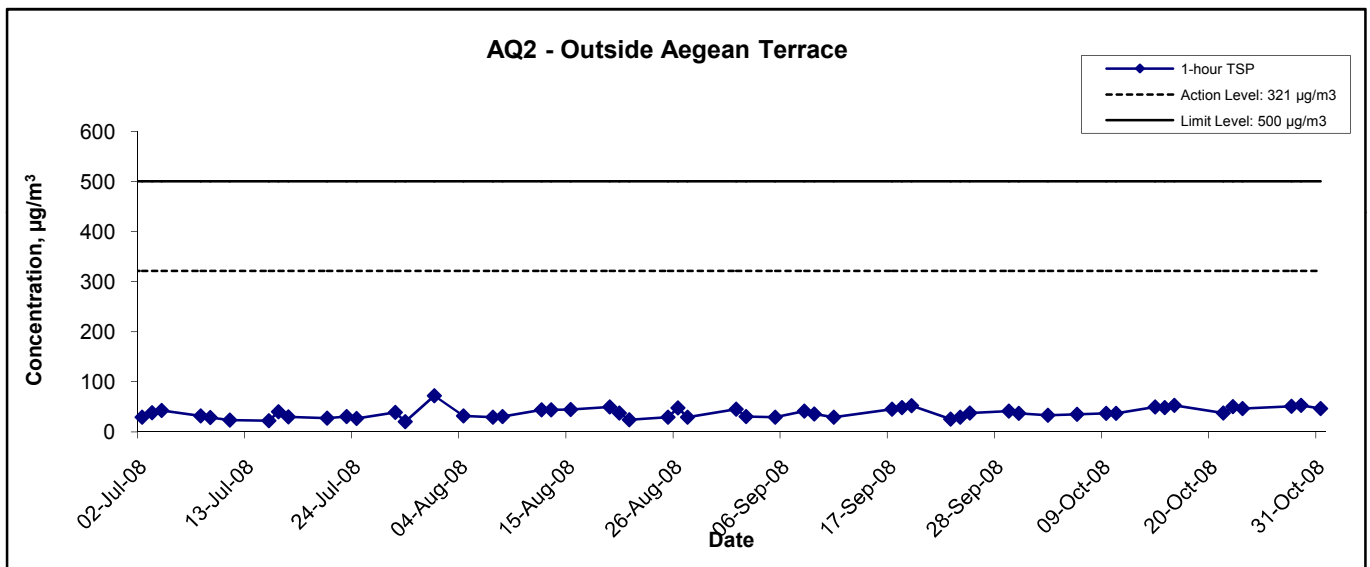
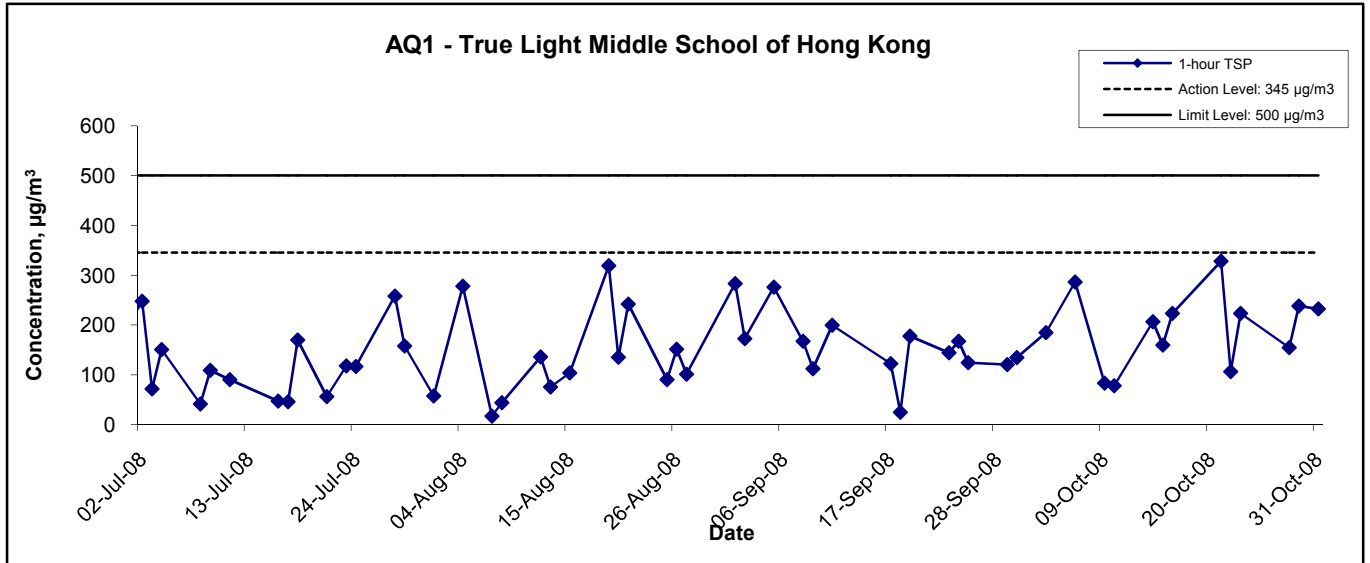
### Station AQ1 (True Light Middle School of Hong Kong)

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			
3-Oct-08	09:00	Cloudy	299.5	761.5	2.8442	2.8578	0.0136	2013.3	2014.3	1.0	1.23	1.23	1.23	73.7	184.5
6-Oct-08	14:00	Cloudy	298.3	759.7	2.8914	2.9125	0.0211	2021.3	2022.3	1.0	1.23	1.23	1.23	73.8	286.0
9-Oct-08	15:00	Cloudy	301.5	763.7	2.8532	2.8593	0.0061	2046.3	2047.3	1.0	1.23	1.23	1.23	73.6	82.9
10-Oct-08	16:00	Sunny	302.9	763.1	2.9014	2.9071	0.0057	2071.3	2072.3	1.0	1.22	1.22	1.22	73.4	77.6
14-Oct-08	09:00	Cloudy	298.3	765.9	2.8866	2.9019	0.0153	2072.3	2073.3	1.0	1.23	1.23	1.23	74.0	206.6
15-Oct-08	09:00	Cloudy	299.3	765.4	2.8149	2.8266	0.0117	2073.3	2074.3	1.0	1.22	1.22	1.22	73.2	159.8
16-Oct-08	14:15	Sunny	302.9	761.3	2.7956	2.8118	0.0162	2098.3	2099.3	1.0	1.21	1.21	1.21	72.7	223.0
21-Oct-08	09:00	Sunny	299.6	764.5	2.8318	2.8558	0.0240	2099.3	2100.3	1.0	1.22	1.22	1.22	73.2	328.1
22-Oct-08	15:00	Sunny	301.8	761.3	2.8129	2.8206	0.0077	2124.3	2125.3	1.0	1.21	1.21	1.21	72.8	105.8
23-Oct-08	09:00	Sunny	299.9	763.8	2.8496	2.8659	0.0163	2125.3	2126.3	1.0	1.22	1.22	1.22	73.1	223.0
28-Oct-08	10:40	Sunny	299.1	766.5	2.8530	2.8643	0.0113	2150.3	2151.3	1.0	1.22	1.22	1.22	73.3	154.2
29-Oct-08	09:00	Sunny	299.9	764.5	2.8685	2.8859	0.0174	2151.3	2152.3	1.0	1.22	1.22	1.22	73.1	238.0
31-Oct-08	09:00	Sunny	300.0	765.2	2.8651	2.8821	0.0170	2152.3	2153.3	1.0	1.22	1.22	1.22	73.1	232.4
														Min	77.6
														Max	328.1
														Average	192.4

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
3-Oct-08	15:05	Cloudy	32.9
6-Oct-08	15:15	Cloudy	35.3
9-Oct-08	15:00	Cloudy	37.2
10-Oct-08	16:00	Sunny	37.2
14-Oct-08	11:00	Cloudy	49.5
15-Oct-08	15:10	Cloudy	48.3
16-Oct-08	16:00	Sunny	52.9
21-Oct-08	15:00	Sunny	37.5
22-Oct-08	15:25	Sunny	50.4
23-Oct-08	15:30	Sunny	46.3
28-Oct-08	13:00	Sunny	51.2
29-Oct-08	16:15	Sunny	53.1
31-Oct-08	13:00	Sunny	46.7
		Average	44.5
		Maximum	53.1
		Minimum	32.9

### 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	CINOTECH
	Date Oct 08	Appendix E	