

## Appendix E - 1-hour TSP Monitoring Results

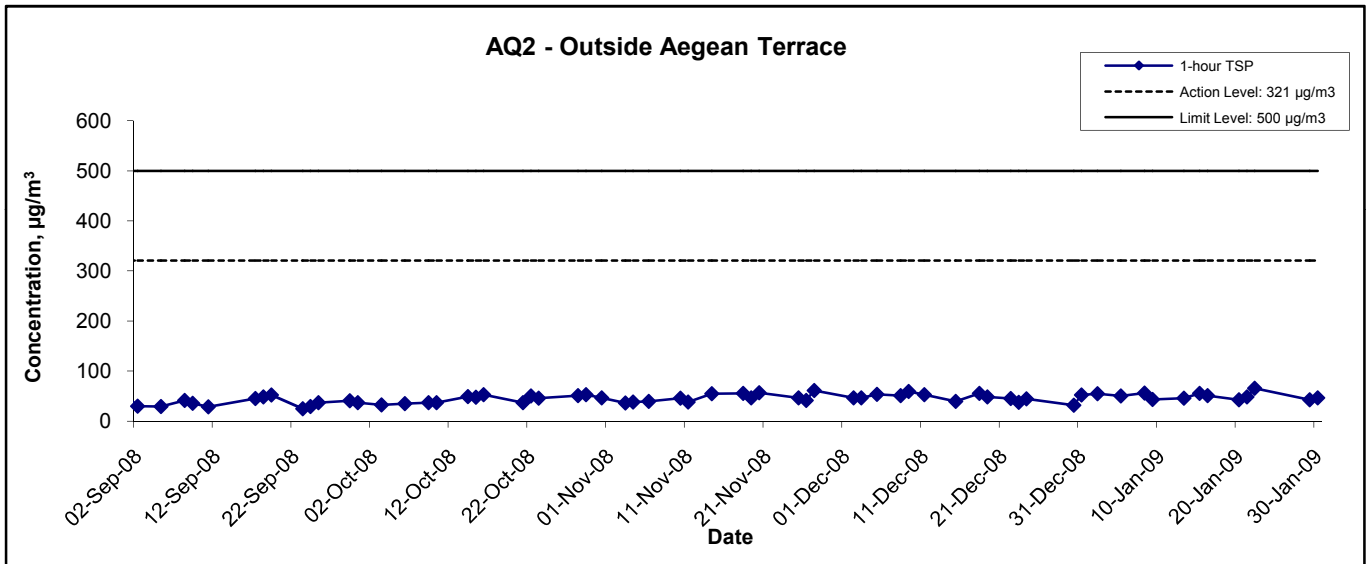
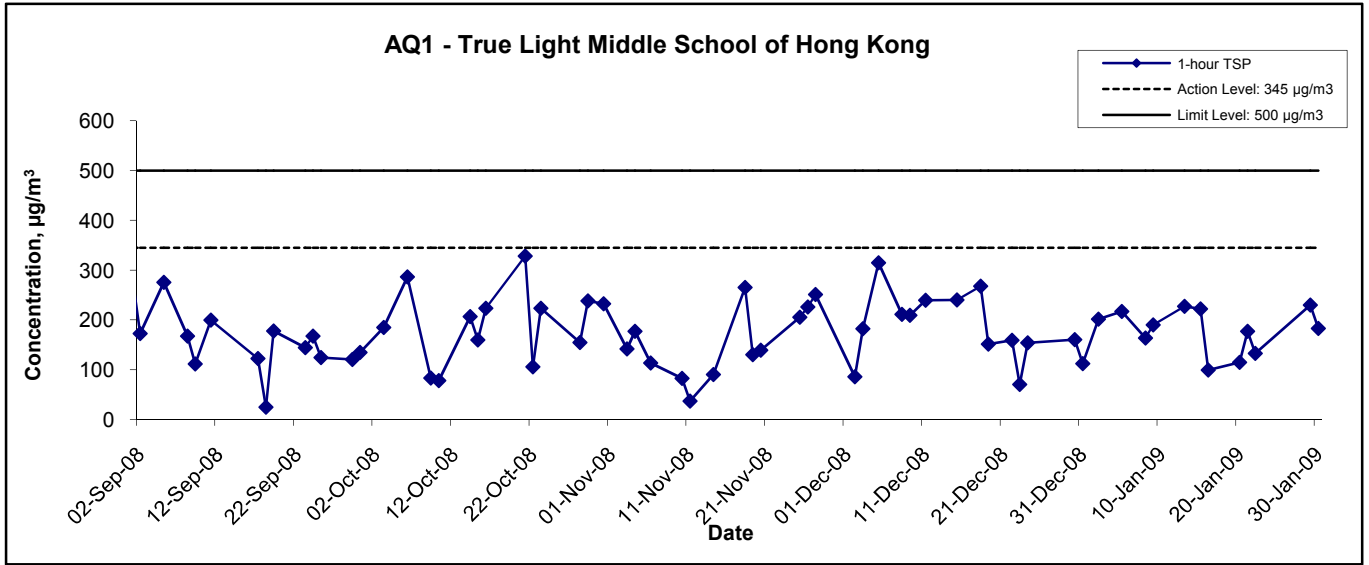
### Station AQ1 (True Light Middle School of Hong Kong)

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			
2-Jan-09	09:00	Sunny	289.3	770.8	2.8747	2.8895	0.0148	2443.3	2444.3	1.0	1.22	1.22	1.22	73.4	201.6
5-Jan-09	15:00	Sunny	292.9	766.9	2.8603	2.8761	0.0158	2468.3	2469.3	1.0	1.21	1.21	1.21	72.8	217.0
8-Jan-09	09:00	Sunny	285.1	772.6	2.7887	2.8008	0.0121	2469.3	2470.3	1.0	1.23	1.23	1.23	74.0	163.6
9-Jan-09	17:00	Sunny	286.8	770.5	2.7944	2.8084	0.0140	2494.3	2495.3	1.0	1.23	1.23	1.23	73.7	190.0
13-Jan-09	09:00	Sunny	283.9	777.3	2.8474	2.8643	0.0169	2495.3	2496.3	1.0	1.24	1.24	1.24	74.3	227.4
15-Jan-09	15:00	Sunny	289.3	772.1	2.8065	2.8228	0.0163	2520.3	2521.3	1.0	1.22	1.22	1.22	73.5	221.9
16-Jan-09	09:00	Sunny	285.1	767.5	2.8403	2.8476	0.0073	2521.3	2522.3	1.0	1.23	1.23	1.23	73.8	99.0
20-Jan-09	09:00	Sunny	289.9	767.0	2.8117	2.8201	0.0084	2522.3	2523.3	1.0	1.22	1.22	1.22	73.2	114.8
21-Jan-09	14:30	Sunny	295.9	764.1	2.8473	2.8601	0.0128	2547.3	2548.3	1.0	1.21	1.21	1.21	72.4	176.9
22-Jan-09	09:00	Sunny	290.2	764.8	2.8256	2.8353	0.0097	2548.3	2549.3	1.0	1.22	1.22	1.22	73.0	132.8
29-Jan-09	13:00	Sunny	293.1	764.2	2.8537	2.8704	0.0167	2573.3	2574.3	1.0	1.21	1.21	1.21	72.7	229.7
30-Jan-09	09:00	Sunny	287.7	766.6	2.8263	2.8397	0.0134	2574.3	2575.3	1.0	1.22	1.22	1.22	73.4	182.5
														Min	99.0
														Max	229.7
														Average	179.8

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
2-Jan-09	16:00	Sunny	55.0
5-Jan-09	17:00	Sunny	50.3
8-Jan-09	15:00	Sunny	56.5
9-Jan-09	13:00	Sunny	43.6
13-Jan-09	16:00	Sunny	46.4
15-Jan-09	16:20	Sunny	56.0
16-Jan-09	14:25	Sunny	51.4
20-Jan-09	15:00	Sunny	43.1
21-Jan-09	16:05	Sunny	48.8
22-Jan-09	14:15	Sunny	66.0
29-Jan-09	14:35	Sunny	42.8
30-Jan-09	16:00	Sunny	46.8
		Average	50.6
		Maximum	66.0
		Minimum	42.8

### 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 Jan 09	Appendix E	