

Appendix E - 1-hour TSP Monitoring Results

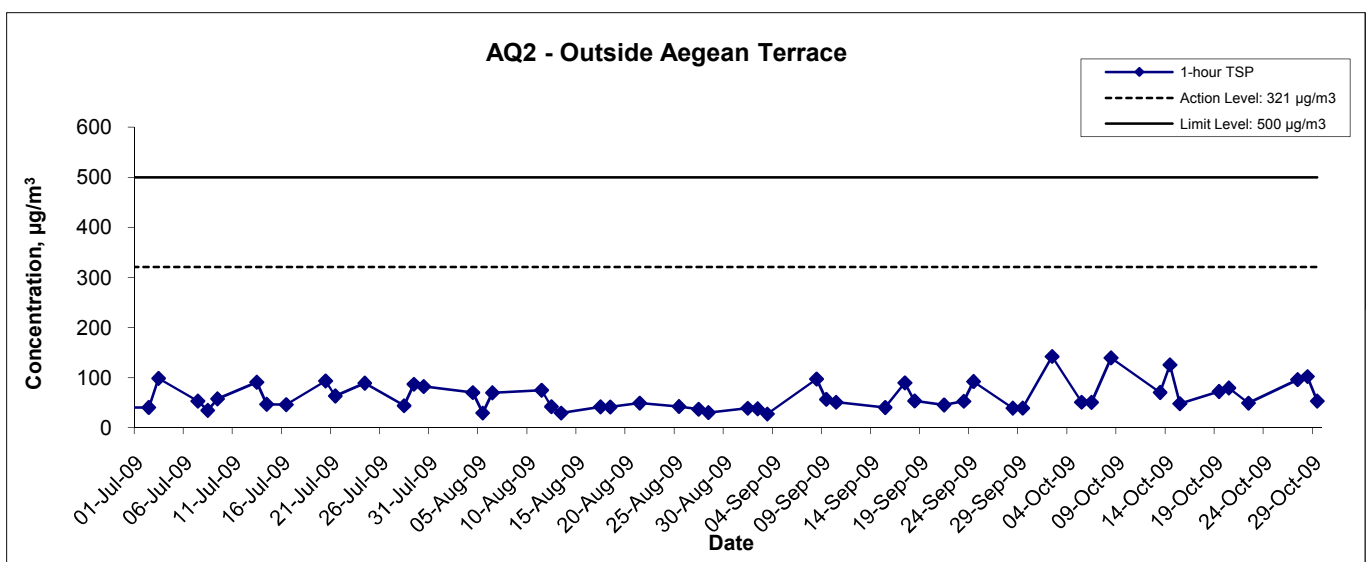
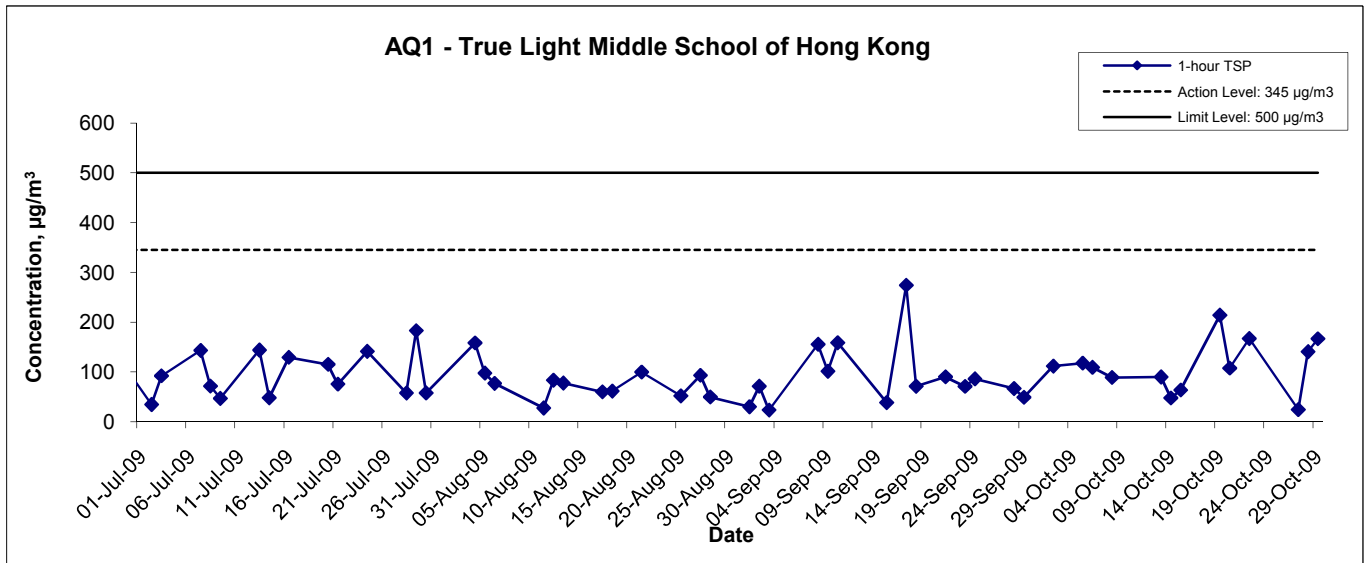
Station AQ1 (True Light Middle School of Hong Kong)

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			
2-Oct-09	09:00	Sunny	300.6	761.5	3.4137	3.4219	0.0082	3660.3	3661.3	1.0	1.22	1.22	1.22	73.4	111.8
5-Oct-09	14:00	Sunny	302.3	758.4	3.2458	3.2544	0.0086	3685.3	3686.3	1.0	1.22	1.22	1.22	73.0	117.7
6-Oct-09	09:00	Sunny	299.7	760.3	3.3394	3.3474	0.0080	3686.3	3687.3	1.0	1.22	1.22	1.22	73.3	109.2
8-Oct-09	13:05	Sunny	300.9	758.1	3.3799	3.3864	0.0065	3711.3	3712.3	1.0	1.22	1.22	1.22	73.0	89.0
13-Oct-09	09:00	Sunny	299.4	764.5	3.3602	3.3668	0.0066	3712.3	3713.3	1.0	1.23	1.22	1.22	73.5	89.8
14-Oct-09	14:20	Cloudy	301.7	764.1	3.2585	3.2620	0.0035	3737.3	3738.3	1.0	1.22	1.22	1.22	73.2	47.8
15-Oct-09	09:00	Sunny	297.2	765.3	3.2417	3.2464	0.0047	3738.3	3739.3	1.0	1.23	1.23	1.23	73.8	63.7
19-Oct-09	09:00	Cloudy	299.2	761.2	3.3567	3.3724	0.0157	3739.3	3740.3	1.0	1.22	1.22	1.22	73.4	214.0
20-Oct-09	16:00	Cloudy	298.5	761.1	3.2056	3.2135	0.0079	3764.3	3765.3	1.0	1.22	1.22	1.22	73.4	107.6
22-Oct-09	09:00	Sunny	298.4	764.1	3.2217	3.2340	0.0123	3765.3	3766.3	1.0	1.23	1.23	1.23	73.6	167.1
27-Oct-09	10:05	Sunny	298.1	765.4	3.3693	3.3711	0.0018	3790.3	3791.3	1.0	1.23	1.23	1.23	73.7	24.4
28-Oct-09	09:00	Sunny	297.2	767.2	3.4186	3.4290	0.0104	3791.3	3792.3	1.0	1.23	1.23	1.23	73.9	140.8
29-Oct-09	09:00	Sunny	298.2	766.9	3.3972	3.4095	0.0123	3792.3	3793.3	1.0	1.23	1.23	1.23	73.7	166.8
														Min	24.4
														Max	214.0
														Average	111.5

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Oct-09	9:45	Sunny	142.1
5-Oct-09	16:30	Sunny	51.0
6-Oct-09	9:30	Sunny	50.7
8-Oct-09	14:35	Sunny	139.5
13-Oct-09	15:35	Sunny	70.4
14-Oct-09	13:20	Cloudy	125.5
15-Oct-09	9:30	Sunny	48.0
19-Oct-09	11:05	Cloudy	72.4
20-Oct-09	14:35	Cloudy	79.4
22-Oct-09	10:00	Sunny	49.2
27-Oct-09	13:12	Sunny	96.1
28-Oct-09	11:25	Sunny	102.1
29-Oct-09	10:00	Sunny	53.3
		Average	83.1
		Maximum	142.1
		Minimum	48.0

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 Oct 09	Appendix E	