

Appendix E - 1-hour TSP Monitoring Results

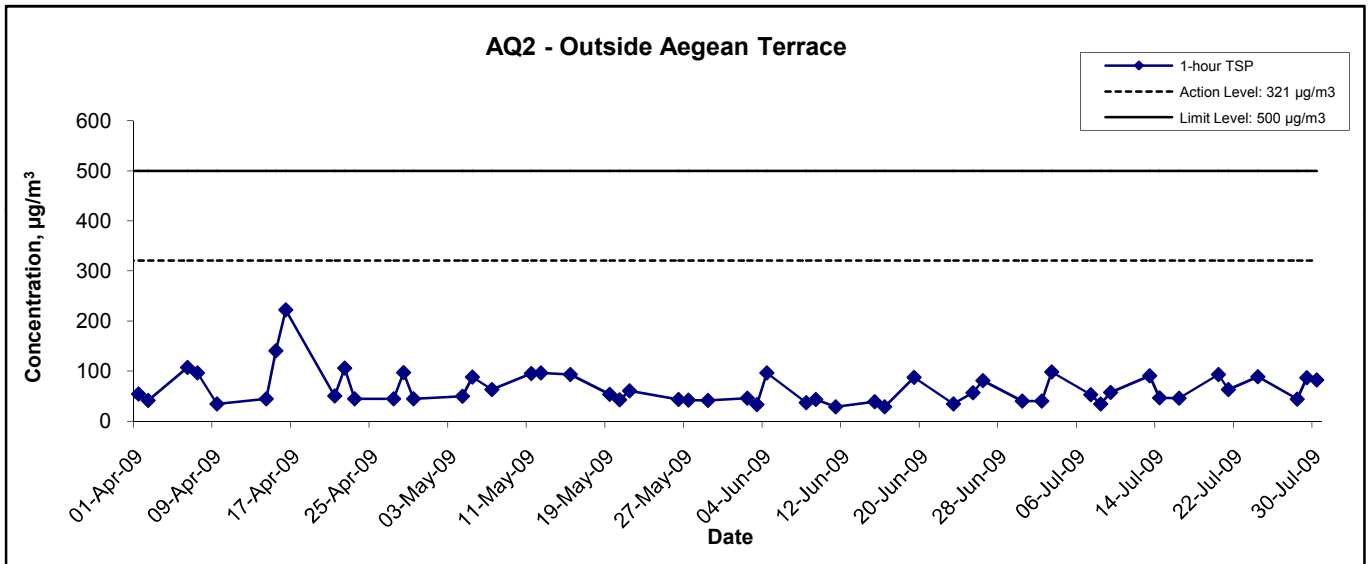
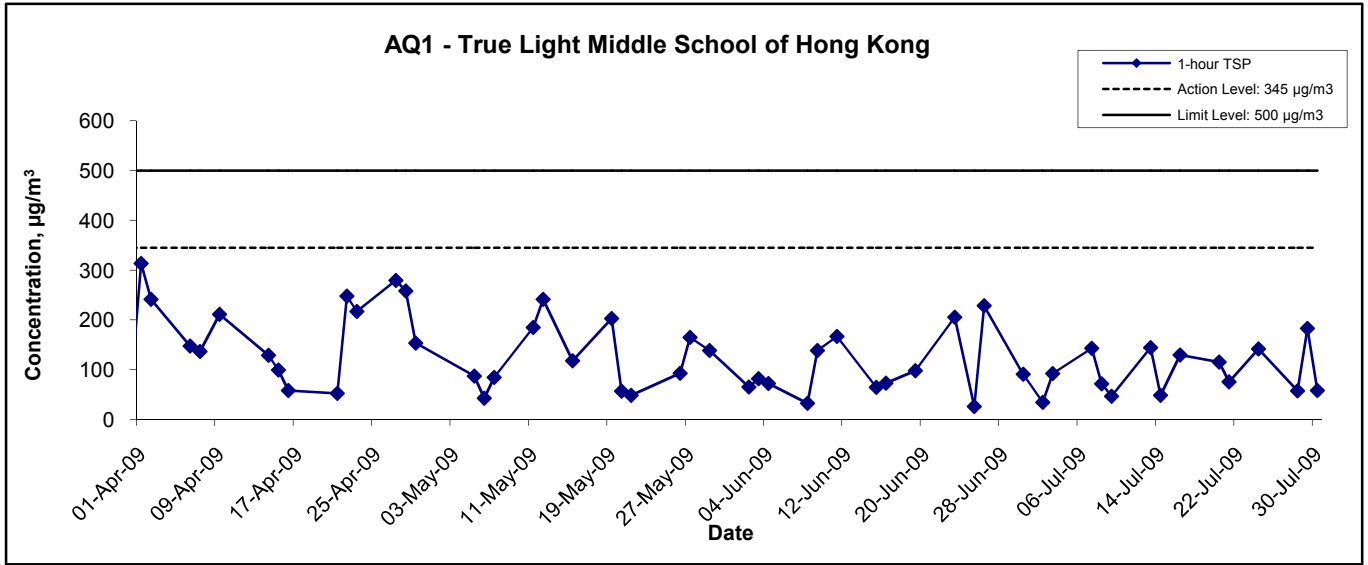
Station AQ1 (True Light Middle School of Hong Kong)

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-Jul-09	13:00	Sunny	304.5	757.1	2.8391	2.8416	0.0025	3260.3	3261.3	1.0	1.21	1.21	1.21	72.5	34.5
3-Jul-09	09:00	Sunny	301.7	756.3	2.8578	2.8645	0.0067	3261.3	3262.3	1.0	1.21	1.21	1.21	72.8	92.1
7-Jul-09	16:00	Sunny	303.6	758.5	2.8066	2.8170	0.0104	3286.3	3287.3	1.0	1.21	1.21	1.21	72.6	143.2
8-Jul-09	09:00	Sunny	302.6	758.3	2.8642	2.8694	0.0052	3287.3	3288.3	1.0	1.21	1.21	1.21	72.7	71.5
9-Jul-09	09:00	Sunny	302.4	759.2	2.7981	2.8015	0.0034	3288.3	3289.3	1.0	1.21	1.21	1.21	72.8	46.7
13-Jul-09	15:00	Sunny	305.5	754.9	3.2723	3.2827	0.0104	3313.3	3314.3	1.0	1.21	1.20	1.20	72.3	143.9
14-Jul-09	09:00	Cloudy	302.3	756.0	3.2863	3.2898	0.0035	3314.3	3315.3	1.0	1.21	1.21	1.21	72.7	48.2
16-Jul-09	09:00	Sunny	302.4	756.9	3.1854	3.1948	0.0094	3315.3	3316.3	1.0	1.21	1.21	1.21	72.7	129.3
20-Jul-09	14:00	Sunny	302.1	758.7	3.4068	3.4152	0.0084	3340.3	3341.3	1.0	1.21	1.21	1.21	72.8	115.4
21-Jul-09	09:00	Sunny	302.5	760.0	3.3800	3.3855	0.0055	3341.3	3342.3	1.0	1.21	1.21	1.21	72.8	75.5
24-Jul-09	11:00	Sunny	300.7	757.2	3.4402	3.4505	0.0103	3366.3	3367.3	1.0	1.22	1.21	1.21	72.9	141.3
28-Jul-09	09:00	Sunny	299.8	754.7	3.3900	3.3942	0.0042	3367.3	3368.3	1.0	1.21	1.21	1.21	72.9	57.6
29-Jul-09	09:00	Sunny	302.1	755.6	3.4002	3.4135	0.0133	3368.3	3369.3	1.0	1.21	1.21	1.21	72.7	183.0
30-Jul-09	15:00	Sunny	302.5	753.9	3.3647	3.3689	0.0042	3393.3	3394.3	1.0	1.21	1.21	1.21	72.6	57.9
														Min	34.5
														Max	183.0
														Average	95.7

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Jul-09	15:20	Sunny	40.6
3-Jul-09	14:30	Sunny	98.4
7-Jul-09	10:00	Sunny	53.2
8-Jul-09	13:00	Sunny	34.8
9-Jul-09	14:15	Sunny	57.7
13-Jul-09	15:20	Sunny	90.9
14-Jul-09	14:15	Cloudy	46.9
16-Jul-09	14:55	Sunny	46.1
20-Jul-09	14:00	Sunny	93.3
21-Jul-09	14:00	Sunny	63.4
24-Jul-09	9:30	Sunny	88.9
28-Jul-09	16:20	Cloudy	44.0
29-Jul-09	14:30	Sunny	86.8
30-Jul-09	13:50	Sunny	82.3
		Average	66.2
		Maximum	98.4
		Minimum	34.8

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 Jul 09	Appendix E	