

Appendix E - 1-hour TSP Monitoring Results

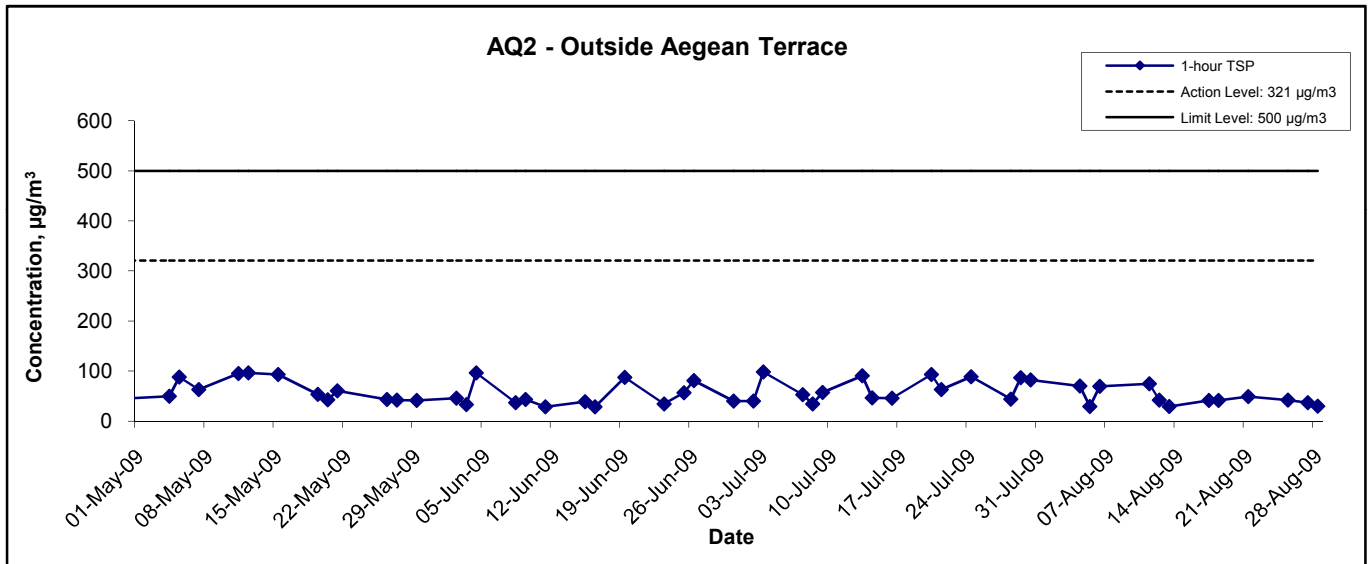
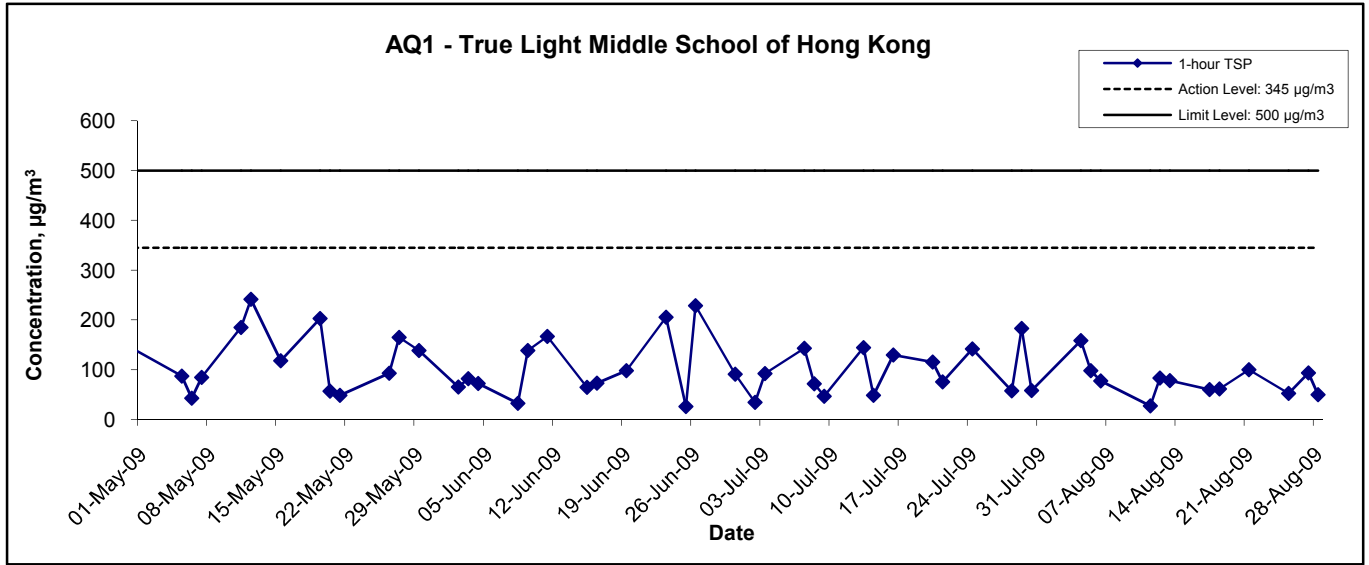
Station AQ1 (True Light Middle School of Hong Kong)

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			
4-Aug-09	09:00	Cloudy	300.9	750.2	3.3866	3.3981	0.0115	3394.3	3395.3	1.0	1.21	1.21	1.21	72.6	158.5
5-Aug-09	16:10	Cloudy	300.3	749.7	3.4053	3.4124	0.0071	3419.3	3420.3	1.0	1.21	1.21	1.21	72.6	97.8
6-Aug-09	14:00	Cloudy	300.2	750.8	3.4179	3.4235	0.0056	3420.3	3421.3	1.0	1.21	1.21	1.21	72.7	77.1
11-Aug-09	14:30	Cloudy	301.3	754.7	3.2925	3.2945	0.0020	3445.3	3446.3	1.0	1.22	1.22	1.22	73.0	27.4
12-Aug-09	09:00	Cloudy	300.3	757.0	3.3101	3.3162	0.0061	3446.3	3447.3	1.0	1.22	1.22	1.22	73.2	83.3
13-Aug-09	09:00	Cloudy	298.4	757.9	3.3502	3.3559	0.0057	3447.3	3448.3	1.0	1.22	1.22	1.22	73.4	77.6
17-Aug-09	14:00	Cloudy	301.2	760.2	3.2949	3.2993	0.0044	3472.3	3473.3	1.0	1.22	1.22	1.22	73.2	60.1
18-Aug-09	09:00	Sunny	302.1	761.2	3.1880	3.1925	0.0045	3473.3	3474.3	1.0	1.22	1.22	1.22	73.2	61.5
21-Aug-09	09:00	Sunny	302.6	760.0	3.2713	3.2786	0.0073	3474.3	3475.3	1.0	1.22	1.22	1.22	73.1	99.9
25-Aug-09	10:00	Sunny	302.4	759.4	3.4211	3.4249	0.0038	3499.3	3500.3	1.0	1.22	1.22	1.22	73.1	52.0
27-Aug-09	09:00	Sunny	304.1	759.2	3.4009	3.4077	0.0068	3500.3	3501.3	1.0	1.22	1.21	1.21	72.9	93.3
28-Aug-09	15:00	Sunny	307.6	757.1	3.3841	3.3877	0.0036	3525.3	3526.3	1.0	1.21	1.21	1.21	72.4	49.7
														Min	27.4
														Max	158.5
														Average	78.2

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
4-Aug-09	9:40	Cloudy	70.2
5-Aug-09	14:25	Cloudy	29.4
6-Aug-09	14:50	Sunny	69.9
11-Aug-09	14:30	Cloudy	74.8
12-Aug-09	14:20	Cloudy	42.1
13-Aug-09	10:25	Cloudy	29.4
17-Aug-09	16:10	Cloudy	41.8
18-Aug-09	9:35	Sunny	41.4
21-Aug-09	10:05	Sunny	49.2
25-Aug-09	10:20	Sunny	42.5
27-Aug-09	14:00	Sunny	36.9
28-Aug-09	9:30	Sunny	30.4
		Average	46.5
		Maximum	74.8
		Minimum	29.4

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 Aug 09	Appendix E	