

Appendix E - 1-hour TSP Monitoring Results

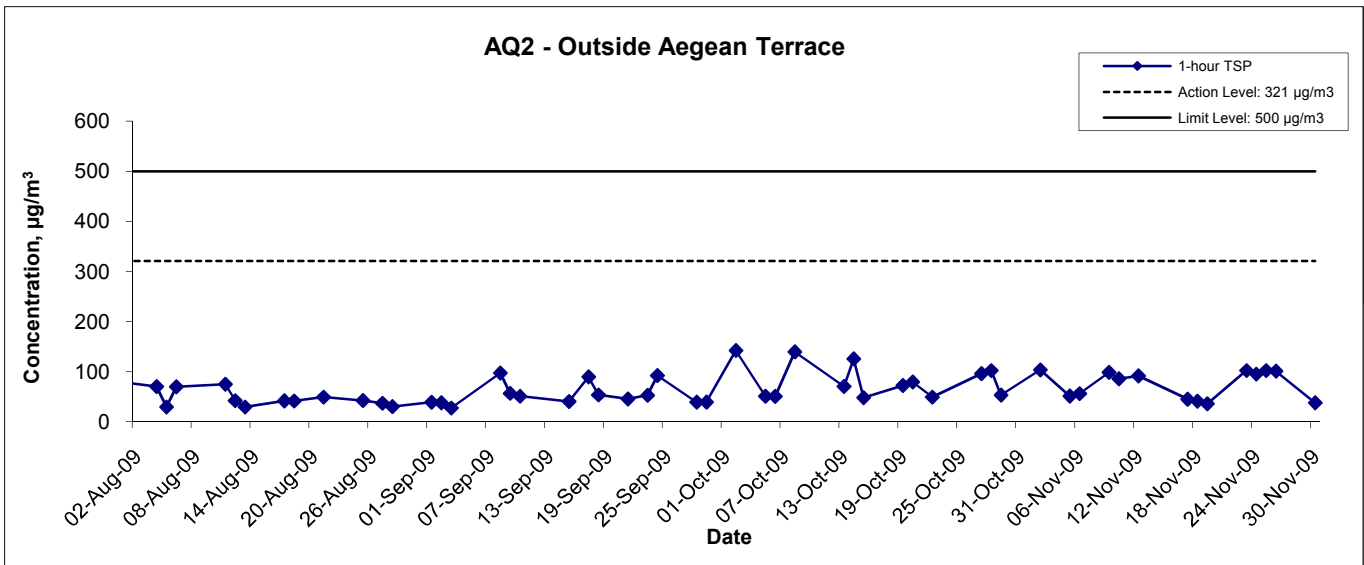
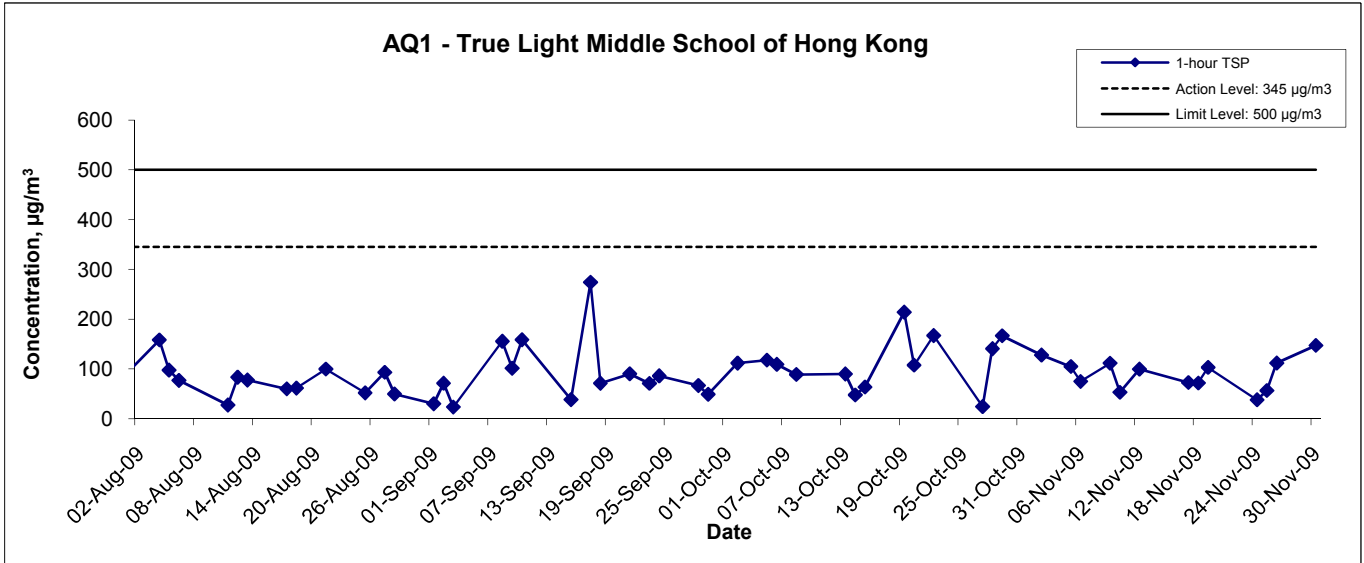
Station AQ1 (True Light Middle School of Hong Kong)

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-Nov-09	09:00	Sunny	295.5	771.1	3.4390	3.4485	0.0095	3817.3	3818.3	1.0	1.24	1.24	1.24	74.2	128.0
5-Nov-09	09:00	Cloudy	294.4	768.5	3.3664	3.3742	0.0078	3818.3	3819.3	1.0	1.24	1.24	1.24	74.3	105.0
6-Nov-09	13:10	Sunny	299.6	762.8	3.3724	3.3779	0.0055	3843.3	3844.3	1.0	1.22	1.22	1.22	73.4	74.9
9-Nov-09	09:00	Sunny	297.9	761.1	3.3646	3.3728	0.0082	3844.3	3845.3	1.0	1.23	1.22	1.23	73.5	111.5
10-Nov-09	09:00	Sunny	300.9	768.5	3.2588	3.2627	0.0039	3845.3	3846.3	1.0	1.23	1.22	1.23	73.5	53.1
12-Nov-09	15:00	Sunny	300.2	760.9	3.4381	3.4454	0.0073	3870.3	3871.3	1.0	1.22	1.22	1.22	73.2	99.7
17-Nov-09	09:00	Cloudy	283.9	770.8	3.2660	3.2715	0.0055	3871.3	3872.3	1.0	1.26	1.26	1.26	75.6	72.7
18-Nov-09	15:20	Cloudy	285.8	768.9	3.2423	3.2477	0.0054	3896.3	3897.3	1.0	1.26	1.25	1.26	75.3	71.7
19-Nov-09	09:00	Cloudy	284.0	772.4	3.1958	3.2036	0.0078	3897.3	3898.3	1.0	1.26	1.26	1.26	75.7	103.1
24-Nov-09	16:00	Sunny	297.3	762.1	3.2968	3.2996	0.0028	3922.3	3923.3	1.0	1.23	1.23	1.23	73.6	38.0
25-Nov-09	09:00	Sunny	294.3	766.7	3.2542	3.2584	0.0042	3923.3	3924.3	1.0	1.24	1.24	1.24	74.2	56.6
26-Nov-09	09:00	Sunny	294.1	766.3	3.4566	3.4649	0.0083	3924.3	3925.3	1.0	1.24	1.24	1.24	74.2	111.9
30-Nov-09	11:00	Sunny	291.4	769.7	3.4376	3.4486	0.0110	3949.3	3950.3	1.0	1.24	1.24	1.24	74.7	147.3
														Min	38.0
														Max	147.3
														Average	90.3

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Nov-09	10:15	Sunny	103.4
5-Nov-09	15:50	Cloudy	51.3
6-Nov-09	14:00	Sunny	56.1
9-Nov-09	15:40	Sunny	98.5
10-Nov-09	16:00	Sunny	85.8
12-Nov-09	15:45	Cloudy	91.4
17-Nov-09	9:00	Cloudy	45.1
18-Nov-09	14:00	Cloudy	41.0
19-Nov-09	9:10	Cloudy	35.9
23-Nov-09	15:00	Sunny	102.1
24-Nov-09	15:30	Sunny	95.1
25-Nov-09	15:00	Sunny	102.1
26-Nov-09	15:00	Sunny	100.9
30-Nov-09	10:35	Sunny	37.9
		Average	74.8
		Maximum	103.4
		Minimum	35.9

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	
	Date Nov 09	Appendix E	