

Appendix E - 1-hour TSP Monitoring Results

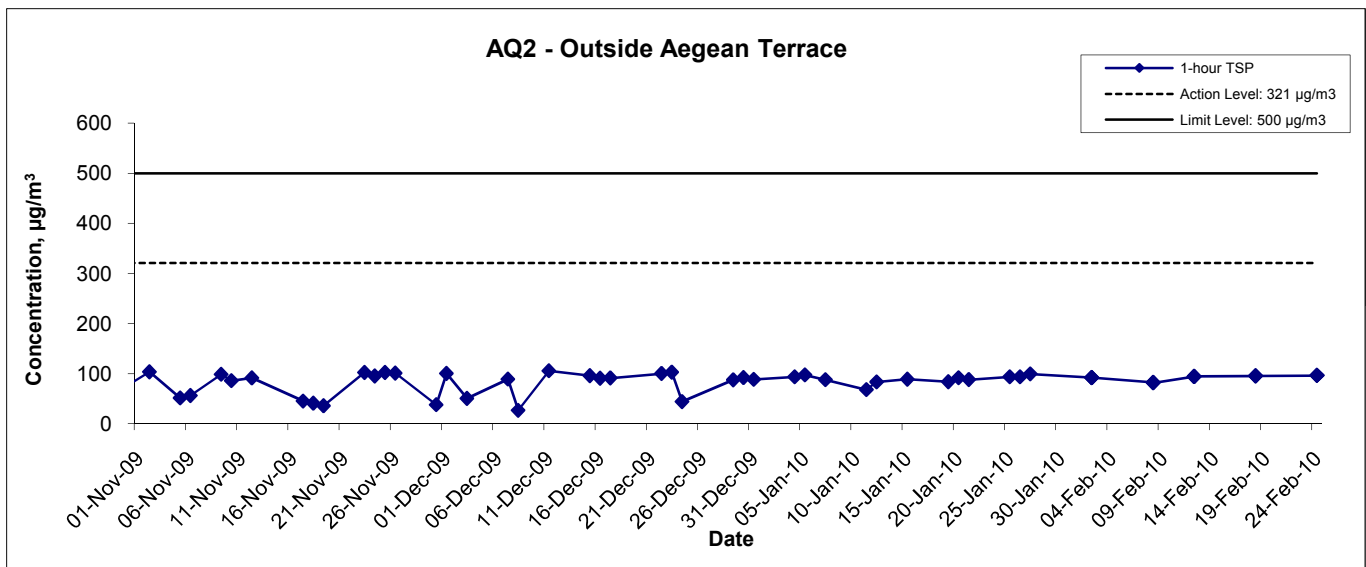
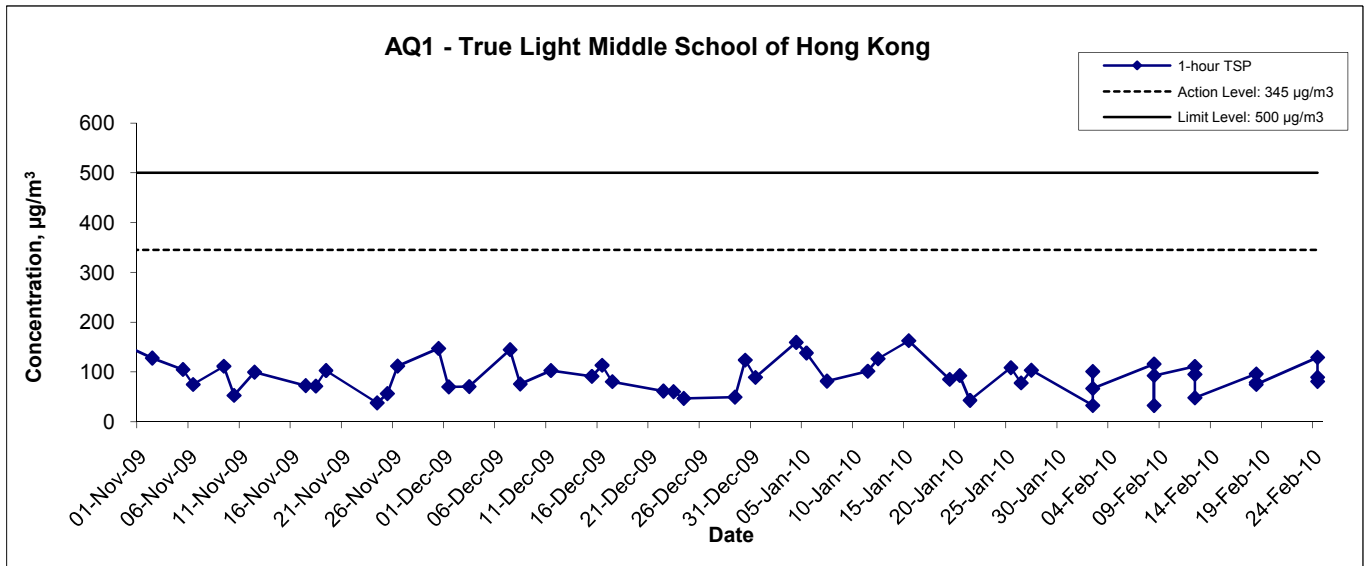
Station AQ1 (True Light Middle School of Hong Kong)

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-Feb-10	09:00	Sunny	291.2	764.8	3.3038	3.3062	0.0024	4240.3	4241.3	1.0	1.22	1.22	1.22	73.3	32.7
2-Feb-10	10:00	Sunny	291.4	764.7	3.3225	3.3299	0.0074	4241.3	4242.3	1.0	1.22	1.22	1.22	73.3	101.0
2-Feb-10	11:00	Sunny	291.6	764.6	3.3468	3.3517	0.0049	4242.3	4243.3	1.0	1.22	1.22	1.22	73.2	66.9
8-Feb-10	13:00	Cloudy	290.9	763.8	3.2472	3.2557	0.0085	4269.3	4270.3	1.0	1.22	1.22	1.22	73.3	116.0
8-Feb-10	14:00	Cloudy	291.1	763.6	3.2376	3.2400	0.0024	4268.3	4269.3	1.0	1.22	1.22	1.22	73.2	32.8
8-Feb-10	15:00	Cloudy	291.1	763.4	3.4263	3.4331	0.0068	4267.3	4268.3	1.0	1.22	1.22	1.22	73.2	92.9
12-Feb-10	13:00	Cloudy	281.3	769.9	3.3985	3.4068	0.0083	4268.3	4269.3	1.0	1.25	1.25	1.25	74.7	111.1
12-Feb-10	14:00	Cloudy	281.4	769.7	3.3719	3.3790	0.0071	4269.3	4270.3	1.0	1.25	1.24	1.24	74.7	95.1
12-Feb-10	15:00	Cloudy	281.3	769.5	3.4135	3.4171	0.0036	4270.3	4271.3	1.0	1.24	1.24	1.24	74.7	48.2
18-Feb-10	09:00	Cloudy	281.1	772.1	3.4325	3.4397	0.0072	4295.3	4296.3	1.0	1.25	1.25	1.25	74.8	96.2
18-Feb-10	10:00	Cloudy	281.3	771.9	3.4023	3.4082	0.0059	4296.3	4297.3	1.0	1.25	1.25	1.25	74.8	78.9
18-Feb-10	11:00	Cloudy	281.5	771.7	3.4294	3.4350	0.0056	4297.3	4298.3	1.0	1.25	1.25	1.25	74.8	74.9
24-Feb-10	09:00	Cloudy	294.7	761.5	3.3943	3.4037	0.0094	4322.3	4323.3	1.0	1.21	1.21	1.21	72.7	129.2
24-Feb-10	10:00	Cloudy	294.9	761.3	3.3749	3.3814	0.0065	4323.3	4324.3	1.0	1.21	1.21	1.21	72.7	89.4
24-Feb-10	11:00	Cloudy	295.1	761.1	3.3727	3.3786	0.0059	4324.3	4325.3	1.0	1.21	1.21	1.21	72.7	81.2
														Min	32.7
														Max	129.2
														Average	83.1

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Feb-10	14:30	Cloudy	92.2
2-Feb-10	15:30	Cloudy	91.5
2-Feb-10	16:30	Cloudy	92.0
8-Feb-10	13:25	Cloudy	82.3
8-Feb-10	14:25	Cloudy	82.0
8-Feb-10	15:25	Cloudy	81.5
12-Feb-10	9:00	Cloudy	93.9
12-Feb-10	10:00	Cloudy	94.1
12-Feb-10	11:00	Cloudy	94.6
18-Feb-10	13:00	Cloudy	95.4
18-Feb-10	14:00	Cloudy	95.2
18-Feb-10	15:00	Cloudy	95.5
24-Feb-10	13:00	Cloudy	96.1
24-Feb-10	14:00	Cloudy	96.5
24-Feb-10	15:00	Cloudy	96.7
		Average	92.0
		Maximum	96.7
		Minimum	81.5

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 Feb 10	Appendix E	