

Appendix E - 1-hour TSP Monitoring Results

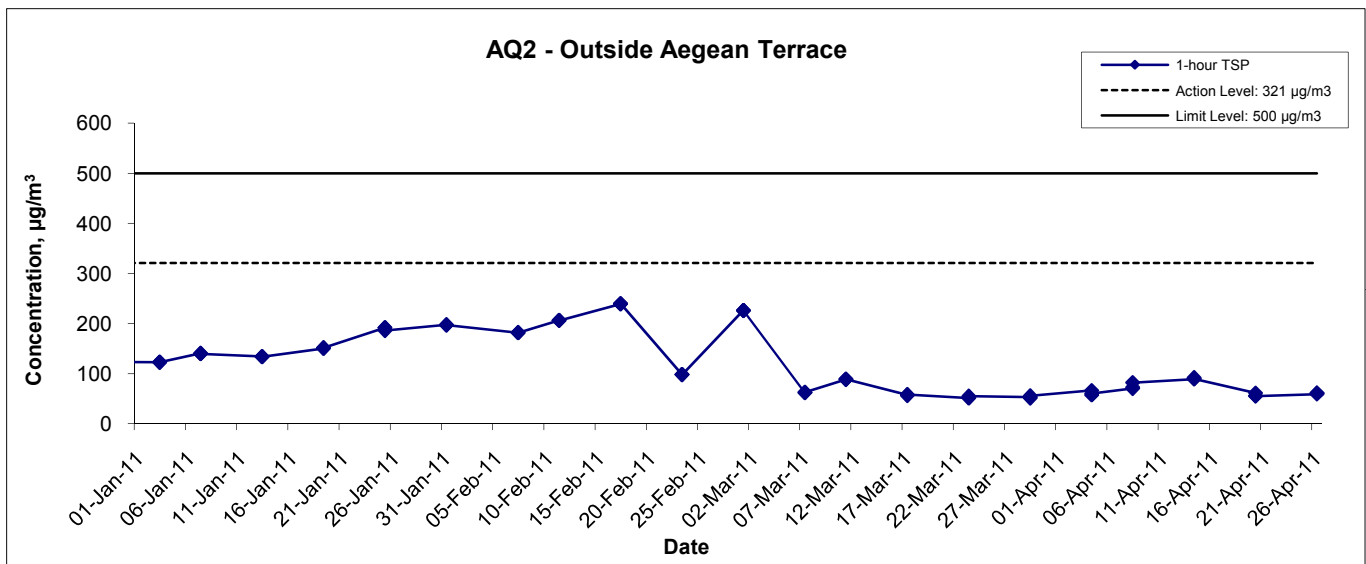
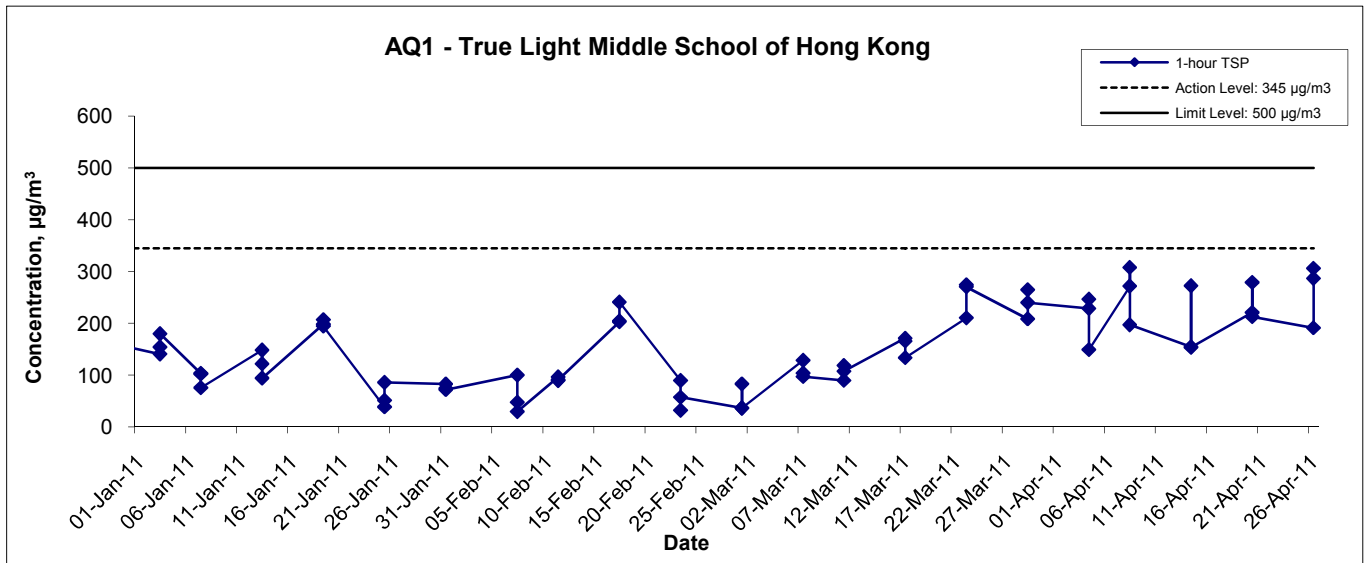
Station AQ1 (True Light Middle School of Hong Kong)

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-Apr-11	13:00	Sunny	290.7	765.3	3.4030	3.4197	0.0167	6175.3	6176.3	1.0	1.22	1.22	1.22	73.1	228.5
4-Apr-11	14:00	Sunny	290.9	765.1	3.4166	3.4346	0.0180	6176.3	6177.3	1.0	1.22	1.22	1.22	73.1	246.3
4-Apr-11	15:00	Sunny	291.0	764.9	3.4237	3.4346	0.0109	6177.3	6178.3	1.0	1.22	1.22	1.22	73.0	149.2
8-Apr-11	13:00	Sunny	298.9	765.1	3.4224	3.4420	0.0196	6202.3	6203.3	1.0	1.20	1.20	1.20	72.2	271.6
8-Apr-11	14:00	Sunny	299.1	764.9	3.4208	3.4430	0.0222	6203.3	6204.3	1.0	1.20	1.20	1.20	72.1	307.7
8-Apr-11	15:00	Sunny	299.3	764.7	3.4187	3.4329	0.0142	6204.3	6205.3	1.0	1.20	1.20	1.20	72.1	196.9
14-Apr-11	9:00	Sunny	296.5	764.1	3.4002	3.4114	0.0112	6229.3	6230.3	1.0	1.21	1.21	1.21	72.4	154.7
14-Apr-11	10:00	Sunny	296.7	763.9	3.3892	3.4089	0.0197	6230.3	6231.3	1.0	1.21	1.21	1.21	72.4	272.2
14-Apr-11	11:00	Sunny	296.8	763.7	3.3618	3.3729	0.0111	6231.3	6232.3	1.0	1.21	1.21	1.21	72.4	153.4
20-Apr-11	13:00	Sunny	296.3	765.4	3.3909	3.4069	0.0160	6256.3	6257.3	1.0	1.21	1.21	1.21	72.5	220.8
20-Apr-11	14:00	Sunny	296.5	765.2	3.3864	3.4066	0.0202	6257.3	6258.3	1.0	1.21	1.21	1.21	72.4	278.8
20-Apr-11	15:00	Sunny	296.7	765.1	3.3890	3.4044	0.0154	6258.3	6259.3	1.0	1.21	1.21	1.21	72.4	212.7
26-Apr-11	9:00	Sunny	297.4	761.8	3.3618	3.3756	0.0138	6283.3	6284.3	1.0	1.20	1.20	1.20	72.2	191.1
26-Apr-11	10:00	Sunny	293.6	761.6	3.3685	3.3893	0.0208	6284.3	6285.3	1.0	1.21	1.21	1.21	72.6	286.5
26-Apr-11	11:00	Sunny	293.8	761.3	3.3769	3.3991	0.0222	6285.3	6286.3	1.0	1.21	1.21	1.21	72.6	305.9
														Min	149.2
														Max	307.7
														Average	231.8

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
4-Apr-11	13:00	Sunny	66.2
4-Apr-11	14:00	Sunny	57.1
4-Apr-11	15:00	Sunny	59.8
8-Apr-11	13:00	Sunny	70.3
8-Apr-11	14:00	Sunny	72.9
8-Apr-11	15:00	Sunny	82.0
14-Apr-11	13:00	Sunny	89.1
14-Apr-11	14:00	Sunny	92.1
14-Apr-11	15:00	Sunny	89.8
20-Apr-11	13:00	Sunny	61.1
20-Apr-11	14:00	Sunny	55.4
20-Apr-11	15:00	Sunny	55.2
26-Apr-11	13:00	Sunny	59.1
26-Apr-11	14:00	Sunny	61.5
26-Apr-11	15:00	Sunny	60.9
		Average	68.8
		Maximum	92.1
		Minimum	55.2

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 Apr 11	Appendix E	