

Appendix E - 1-hour TSP Monitoring Results

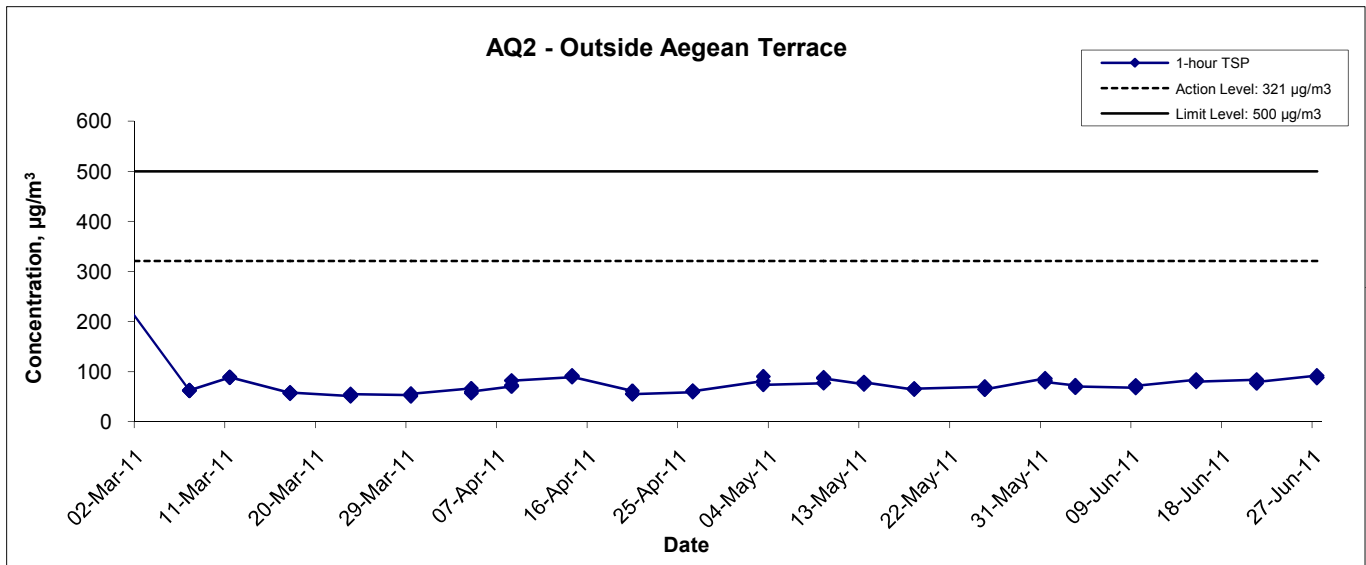
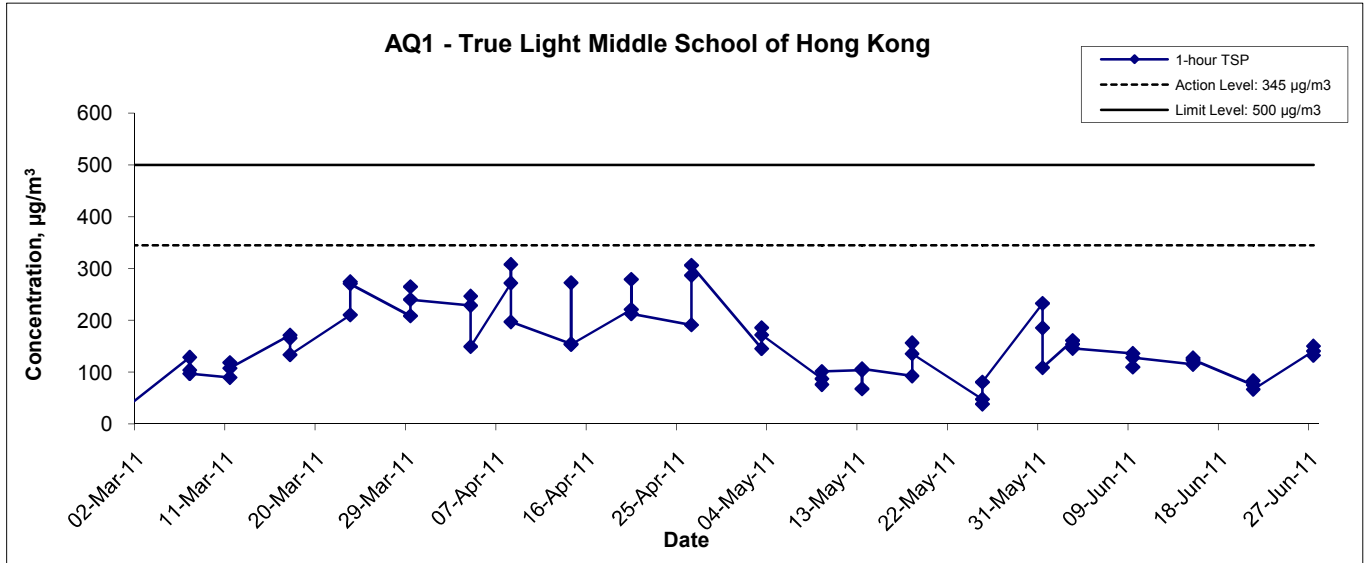
Station AQ1 (True Light Middle School of Hong Kong)

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			
3-Jun-11	9:00	Sunny	302.1	760.4	3.4329	3.4445	0.0116	6470.3	6471.3	1.0	1.20	1.20	1.20	72.1	160.9
3-Jun-11	10:00	Sunny	302.3	760.2	3.3951	3.4062	0.0111	6471.3	6472.3	1.0	1.20	1.20	1.20	72.0	154.1
3-Jun-11	11:00	Sunny	302.5	760.1	3.4270	3.4375	0.0105	6472.3	6473.3	1.0	1.20	1.20	1.20	72.0	145.8
9-Jun-11	9:00	Cloudy	302.3	758.5	3.4006	3.4104	0.0098	6497.3	6498.3	1.0	1.20	1.20	1.20	72.0	136.2
9-Jun-11	10:05	Cloudy	302.5	758.1	3.4099	3.4178	0.0079	6498.3	6499.3	1.0	1.20	1.20	1.20	71.9	109.8
9-Jun-11	11:08	Cloudy	302.7	757.9	3.4173	3.4265	0.0092	6499.3	6500.3	1.0	1.20	1.20	1.20	71.9	128.0
15-Jun-11	9:00	Cloudy	300.0	757.3	3.3938	3.4021	0.0083	6524.3	6525.3	1.0	1.20	1.20	1.20	72.2	115.0
15-Jun-11	14:00	Sunny	300.2	756.8	3.3601	3.3693	0.0092	6525.3	6526.3	1.0	1.20	1.20	1.20	72.1	127.6
15-Jun-11	15:05	Sunny	300.3	756.7	3.3691	3.3780	0.0089	6526.3	6527.3	1.0	1.20	1.20	1.20	72.1	123.4
21-Jun-11	9:00	Sunny	294.3	765.1	3.3967	3.4022	0.0055	6551.3	6552.3	1.0	1.22	1.22	1.22	73.1	75.2
21-Jun-11	10:05	Sunny	294.7	764.9	3.4134	3.4195	0.0061	6552.3	6553.3	1.0	1.22	1.22	1.22	73.1	83.5
21-Jun-11	11:08	Sunny	294.9	764.7	3.3507	3.3556	0.0049	6553.3	6554.3	1.0	1.22	1.22	1.22	73.0	67.1
27-Jun-11	13:00	Cloudy	304.9	754.5	3.3915	3.4017	0.0102	6578.3	6579.3	1.0	1.21	1.21	1.21	72.5	140.7
27-Jun-11	14:00	Cloudy	304.9	754.5	3.3392	3.3488	0.0096	6579.3	6580.3	1.0	1.21	1.21	1.21	72.5	132.4
27-Jun-11	15:00	Cloudy	304.9	754.5	3.3376	3.3485	0.0109	6580.3	6581.3	1.0	1.21	1.21	1.21	72.5	150.4
														Min	67.1
														Max	160.9
														Average	123.3

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
3-Jun-11	9:00	Sunny	72.0
3-Jun-11	10:00	Sunny	67.8
3-Jun-11	11:00	Sunny	70.4
9-Jun-11	9:00	Cloudy	67.6
9-Jun-11	10:00	Cloudy	71.9
9-Jun-11	11:00	Cloudy	71.4
15-Jun-11	9:00	Cloudy	83.6
15-Jun-11	10:00	Cloudy	81.7
15-Jun-11	11:00	Cloudy	79.7
21-Jun-11	13:00	Cloudy	83.9
21-Jun-11	14:00	Cloudy	76.7
21-Jun-11	15:00	Cloudy	79.5
27-Jun-11	13:00	Cloudy	91.9
27-Jun-11	14:00	Cloudy	88.5
27-Jun-11	15:00	Cloudy	87.3
		Average	78.3
		Maximum	91.9
		Minimum	67.6

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 Jun 11	Appendix E	