

Appendix E - 1-hour TSP Monitoring Results

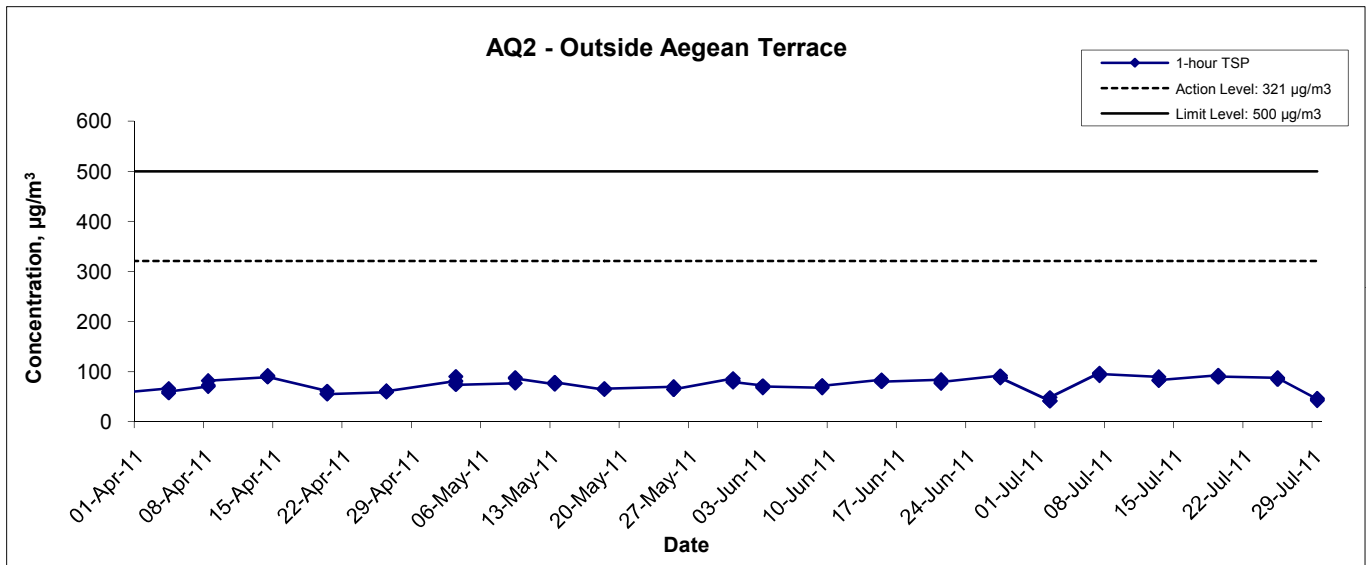
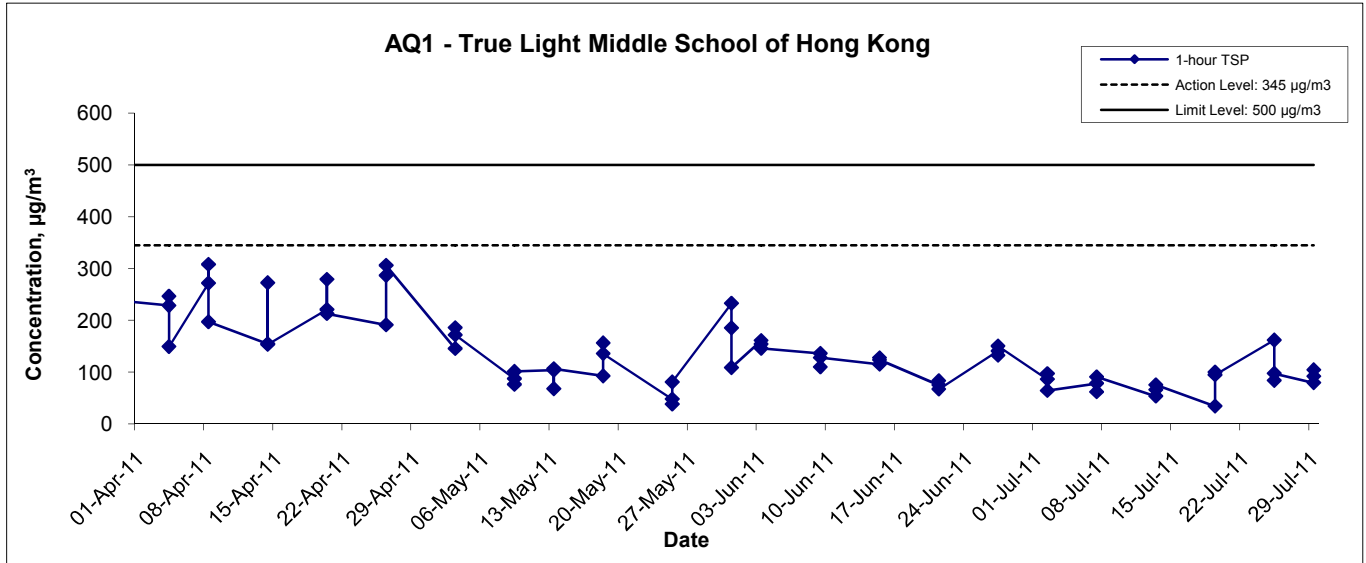
Station AQ1 (True Light Middle School of Hong Kong)

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-Jul-11	9:00	Sunny	301.1	759.2	3.3908	3.3971	0.0063	6605.3	6606.3	1.0	1.22	1.22	1.22	73.1	86.2
2-Jul-11	10:02	Sunny	301.3	759.0	3.4500	3.4571	0.0071	6606.3	6607.3	1.0	1.22	1.22	1.22	73.0	97.2
2-Jul-11	11:05	Sunny	301.5	758.8	3.4190	3.4237	0.0047	6607.3	6608.3	1.0	1.22	1.22	1.22	73.0	64.4
7-Jul-11	9:00	Sunny	302.9	756.5	3.3490	3.3547	0.0057	6632.3	6633.3	1.0	1.21	1.21	1.21	72.8	78.3
7-Jul-11	10:00	Sunny	303.1	756.3	3.3629	3.3674	0.0045	6633.3	6634.3	1.0	1.21	1.21	1.21	72.7	61.9
7-Jul-11	11:00	Sunny	303.3	756.1	3.3570	3.3636	0.0066	6634.3	6635.3	1.0	1.21	1.21	1.21	72.7	90.8
13-Jul-11	9:00	Sunny	300.5	754.7	3.3650	3.3689	0.0039	6659.3	6660.3	1.0	1.22	1.22	1.22	72.9	53.5
13-Jul-11	10:00	Sunny	300.7	754.5	3.3709	3.3757	0.0048	6660.3	6661.3	1.0	1.22	1.21	1.22	72.9	65.8
13-Jul-11	11:00	Sunny	300.9	754.3	3.3824	3.3879	0.0055	6661.3	6662.3	1.0	1.21	1.21	1.21	72.9	75.5
19-Jul-11	9:00	Sunny	300.3	753.0	3.4136	3.4161	0.0025	6686.3	6687.3	1.0	1.22	1.21	1.21	72.9	34.3
19-Jul-11	10:00	Sunny	300.5	752.9	3.4404	3.4477	0.0073	6687.3	6688.3	1.0	1.21	1.21	1.21	72.9	100.2
19-Jul-11	11:00	Sunny	300.7	752.7	3.4219	3.4288	0.0069	6688.3	6689.3	1.0	1.21	1.21	1.21	72.8	94.7
25-Jul-11	9:00	Sunny	302.4	758.5	3.4156	3.4274	0.0118	6713.3	6714.3	1.0	1.22	1.21	1.22	72.9	161.9
25-Jul-11	10:00	Sunny	302.7	758.3	3.3786	3.3847	0.0061	6714.3	6715.3	1.0	1.21	1.21	1.21	72.9	83.7
25-Jul-11	11:00	Sunny	302.9	758.1	3.4005	3.4076	0.0071	6715.3	6716.3	1.0	1.21	1.21	1.21	72.8	97.5
29-Jul-11	9:00	Cloudy	300.3	755.3	3.3434	3.3492	0.0058	6716.3	6717.3	1.0	1.22	1.22	1.22	73.0	79.5
29-Jul-11	14:00	Cloudy	302.4	753.9	3.3296	3.3372	0.0076	6717.3	6718.3	1.0	1.21	1.21	1.21	72.7	104.5
29-Jul-11	15:05	Cloudy	302.6	753.7	3.4072	3.4139	0.0067	6718.3	6719.3	1.0	1.21	1.21	1.21	72.7	92.2
														Min	34.3
														Max	161.9
														Average	84.6

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Jul-11	13:00	Sunny	41.4
2-Jul-11	14:00	Sunny	41.2
2-Jul-11	15:00	Sunny	48.3
7-Jul-11	13:00	Sunny	96.9
7-Jul-11	14:00	Sunny	92.1
7-Jul-11	15:00	Sunny	95.3
13-Jul-11	9:00	Sunny	89.6
13-Jul-11	10:00	Sunny	82.2
13-Jul-11	11:00	Sunny	83.0
19-Jul-11	9:00	Cloudy	92.7
19-Jul-11	10:00	Cloudy	88.5
19-Jul-11	11:00	Cloudy	90.4
25-Jul-11	13:00	Sunny	87.6
25-Jul-11	14:00	Sunny	84.2
25-Jul-11	15:00	Sunny	86.8
29-Jul-11	14:00	Cloudy	44.8
29-Jul-11	15:00	Cloudy	46.7
29-Jul-11	16:00	Cloudy	42.0
		Average	74.1
		Maximum	96.9
		Minimum	41.2

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 Jul 11	Appendix E	