

Appendix E - 1-hour TSP Monitoring Results

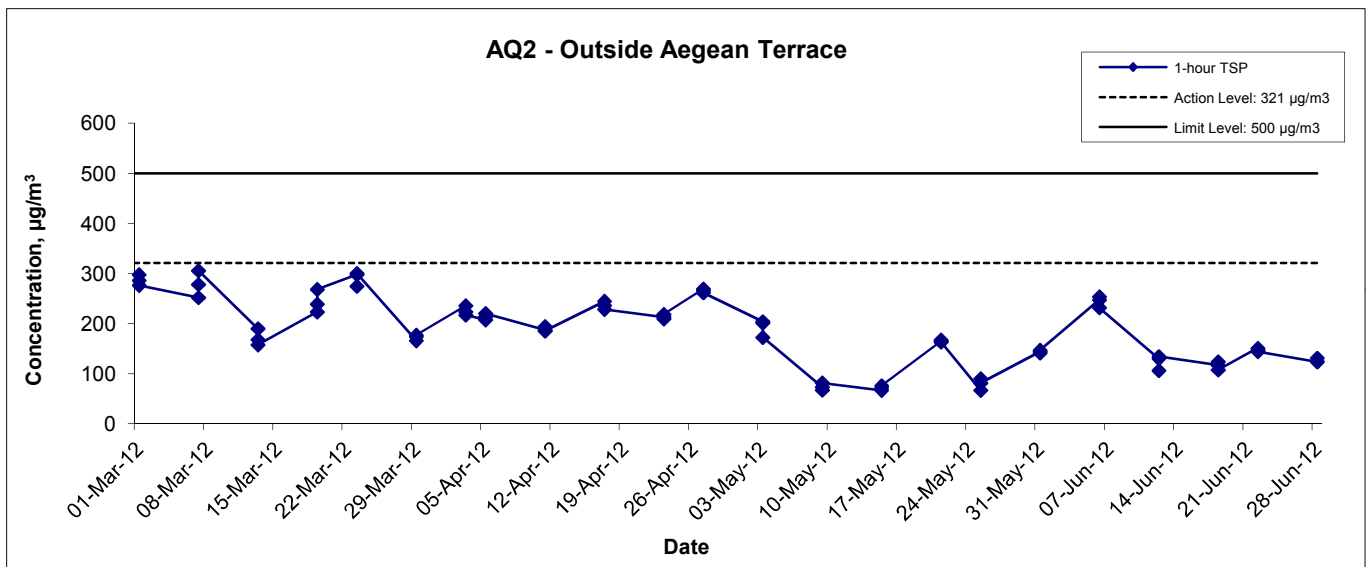
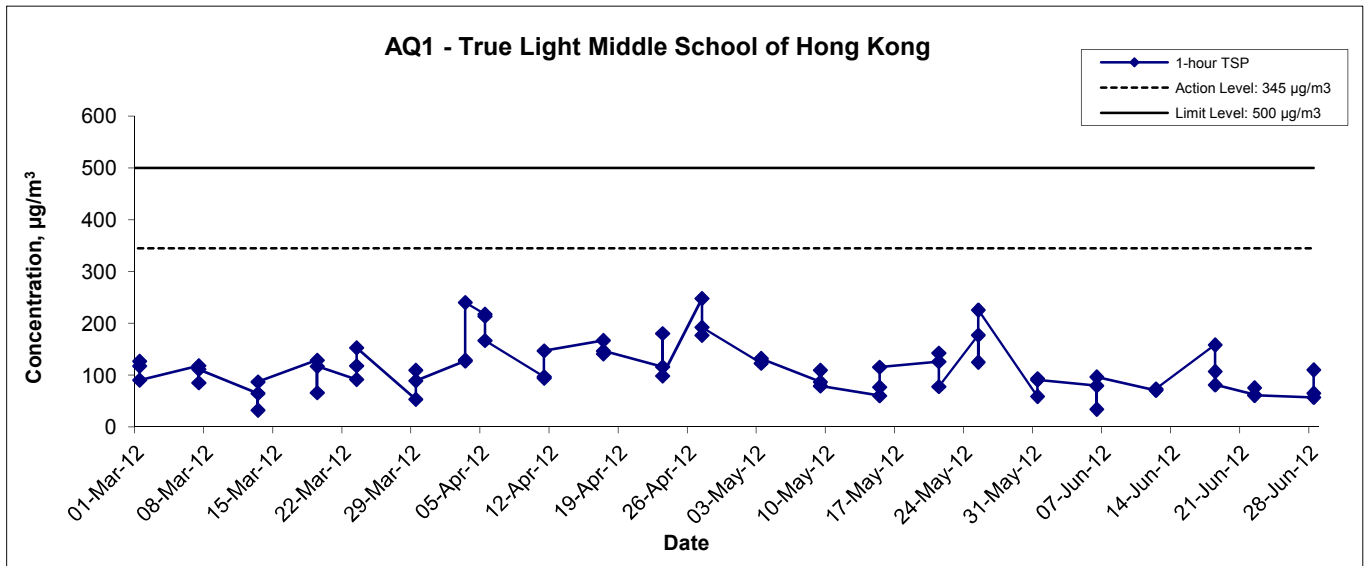
Station AQ1 (True Light Middle School of Hong Kong)

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			
6-Jun-12	09:00	Sunny	301.3	756.2	3.1723	3.1781	0.0058	8183.3	8184.3	1.0	1.21	1.21	1.21	72.5	80.0
6-Jun-12	13:31	Sunny	302.9	755.1	3.1682	3.1707	0.0025	8184.3	8185.3	1.0	1.21	1.20	1.21	72.3	34.6
6-Jun-12	14:31	Sunny	303.1	754.9	3.1648	3.1718	0.0070	8185.3	8186.3	1.0	1.20	1.20	1.20	72.3	96.9
12-Jun-12	09:00	Sunny	302.1	752.4	3.1769	3.1821	0.0052	8210.3	8211.3	1.0	1.22	1.22	1.22	73.5	70.8
12-Jun-12	11:55	Sunny	302.3	752.2	3.1735	3.1788	0.0053	8211.3	8212.3	1.0	1.22	1.22	1.22	73.4	72.2
12-Jun-12	13:15	Sunny	304.1	751.2	3.1236	3.1290	0.0054	8212.3	8213.3	1.0	1.22	1.22	1.22	73.2	73.8
18-Jun-12	13:00	Rainy	299.3	751.5	3.1119	3.1236	0.0117	8237.3	8238.3	1.0	1.23	1.23	1.23	73.7	158.7
18-Jun-12	14:00	Rainy	299.4	751.4	3.1120	3.1199	0.0079	8238.3	8239.3	1.0	1.23	1.23	1.23	73.7	107.2
18-Jun-12	15:00	Rainy	299.6	751.2	3.1108	3.1168	0.0060	8239.3	8240.3	1.0	1.23	1.23	1.23	73.7	81.4
22-Jun-12	11:00	Cloudy	299.9	755.3	3.0966	3.1012	0.0046	8264.3	8265.3	1.0	1.23	1.23	1.23	73.8	62.3
22-Jun-12	13:00	Cloudy	300.8	755.4	3.1032	3.1088	0.0056	8265.3	8266.3	1.0	1.23	1.23	1.23	73.7	76.0
22-Jun-12	15:00	Cloudy	301.4	755.0	3.1048	3.1093	0.0045	8266.3	8267.3	1.0	1.23	1.23	1.23	73.6	61.1
28-Jun-12	13:25	Sunny	303.7	755.6	3.1157	3.1199	0.0042	8291.3	8292.3	1.0	1.22	1.22	1.22	73.4	57.2
28-Jun-12	14:30	Sunny	303.9	755.4	3.1124	3.1172	0.0048	8292.3	8293.3	1.0	1.22	1.22	1.22	73.4	65.4
28-Jun-12	15:45	Sunny	304.1	755.2	3.1241	3.1322	0.0081	8293.3	8294.3	1.0	1.22	1.22	1.22	73.4	110.4
														Min	34.6
														Max	158.7
														Average	80.5

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
6-Jun-12	13:00	Sunny	247.0
6-Jun-12	14:00	Sunny	253.5
6-Jun-12	15:00	Sunny	231.5
12-Jun-12	13:00	Sunny	130.0
12-Jun-12	14:00	Sunny	106.1
12-Jun-12	15:00	Sunny	134.2
18-Jun-12	9:00	Rainy	116.8
18-Jun-12	10:00	Rainy	123.5
18-Jun-12	11:00	Rainy	107.5
22-Jun-12	9:00	Cloudy	150.6
22-Jun-12	10:00	Cloudy	145.9
22-Jun-12	11:00	Cloudy	144.1
28-Jun-12	9:00	Sunny	123.4
28-Jun-12	10:00	Sunny	131.0
28-Jun-12	11:00	Sunny	124.4
		Average	151.3
		Maximum	253.5
		Minimum	106.1

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 12	Appendix E	