

Appendix E - 1-hour TSP Monitoring Results

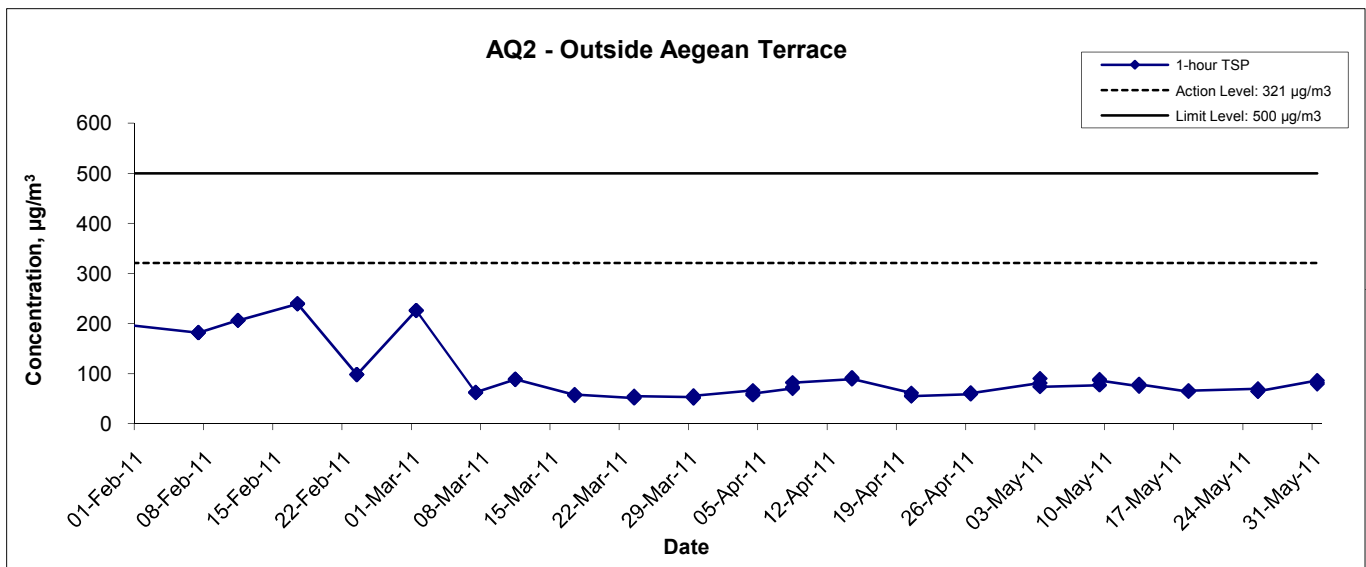
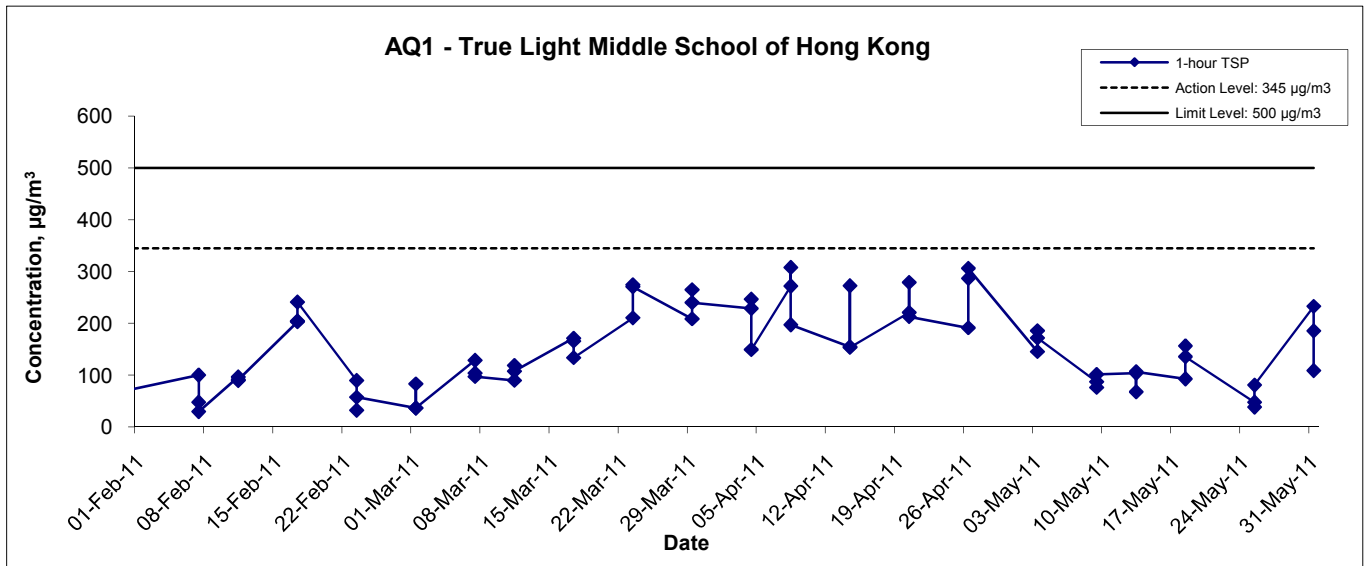
Station AQ1 (True Light Middle School of Hong Kong)

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-May-11	9:00	Cloudy	300.6	760.1	3.4297	3.4402	0.0105	6310.3	6311.3	1.0	1.20	1.20	1.20	72.2	145.4
3-May-11	10:05	Cloudy	300.8	759.9	3.4033	3.4167	0.0134	6312.3	6313.3	1.0	1.20	1.20	1.20	72.2	185.6
3-May-11	11:08	Cloudy	300.9	759.7	3.4110	3.4234	0.0124	6313.3	6314.3	1.0	1.20	1.20	1.20	72.2	171.8
9-May-11	9:00	Sunny	301.1	759.3	3.3866	3.3929	0.0063	6338.3	6339.3	1.0	1.20	1.20	1.20	72.1	87.3
9-May-11	10:00	Sunny	301.3	759.2	3.4076	3.4131	0.0055	6339.3	6340.3	1.0	1.20	1.20	1.20	72.1	76.3
9-May-11	11:00	Sunny	301.5	759.1	3.4225	3.4298	0.0073	6340.3	6341.3	1.0	1.20	1.20	1.20	72.1	101.3
13-May-11	13:00	Sunny	299.9	759.9	3.3963	3.4038	0.0075	6365.3	6366.3	1.0	1.20	1.20	1.20	72.3	103.8
13-May-11	14:00	Sunny	300.1	759.7	3.4110	3.4159	0.0049	6366.3	6367.3	1.0	1.20	1.20	1.20	72.3	67.8
13-May-11	15:00	Sunny	300.3	759.5	3.3362	3.3439	0.0077	6367.3	6368.3	1.0	1.20	1.20	1.20	72.2	106.6
18-May-11	13:00	Sunny	300.0	760.4	3.1730	3.1797	0.0067	6392.3	6393.3	1.0	1.21	1.21	1.21	72.3	92.7
18-May-11	14:00	Sunny	300.0	760.3	3.1946	3.2059	0.0113	6393.3	6394.3	1.0	1.21	1.20	1.20	72.3	156.3
18-May-11	15:00	Sunny	300.2	760.1	3.0925	3.1023	0.0098	6394.3	6395.3	1.0	1.20	1.20	1.20	72.3	135.6
25-May-11	9:00	Sunny	293.9	761.0	3.4150	3.4185	0.0035	6416.3	6417.3	1.0	1.22	1.22	1.22	73.0	48.0
25-May-11	10:00	Sunny	293.9	761.0	3.4025	3.4053	0.0028	6417.3	6418.3	1.0	1.22	1.22	1.22	73.0	38.4
25-May-11	11:00	Sunny	293.9	761.0	3.3816	3.3875	0.0059	6418.3	6419.3	1.0	1.22	1.22	1.22	73.0	80.8
31-May-11	13:00	Sunny	303.4	757.1	3.3251	3.3418	0.0167	6443.3	6444.3	1.0	1.20	1.20	1.20	71.8	232.6
31-May-11	14:00	Sunny	303.6	756.9	3.3351	3.3484	0.0133	6444.3	6445.3	1.0	1.20	1.20	1.20	71.8	185.3
31-May-11	15:00	Sunny	303.7	756.7	3.3117	3.3195	0.0078	6445.3	6446.3	1.0	1.20	1.20	1.20	71.7	108.7
														Min	38.4
														Max	232.6
														Average	118.0

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
3-May-11	13:00	Sunny	80.9
3-May-11	14:00	Sunny	90.1
3-May-11	15:00	Sunny	73.8
9-May-11	13:00	Sunny	76.9
9-May-11	14:00	Sunny	88.1
9-May-11	15:00	Sunny	86.5
13-May-11	9:00	Sunny	74.6
13-May-11	10:00	Sunny	77.6
13-May-11	11:00	Sunny	78.9
18-May-11	13:00	Sunny	64.2
18-May-11	14:00	Sunny	65.5
18-May-11	15:00	Sunny	65.9
25-May-11	9:00	Sunny	69.7
25-May-11	10:00	Sunny	64.4
25-May-11	11:00	Sunny	64.6
31-May-11	13:00	Sunny	86.2
31-May-11	14:00	Sunny	82.4
31-May-11	15:00	Sunny	79.0
		Average	76.1
		Maximum	90.1
		Minimum	64.2

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 May 11	Appendix E	