

Appendix E - 1-hour TSP Monitoring Results

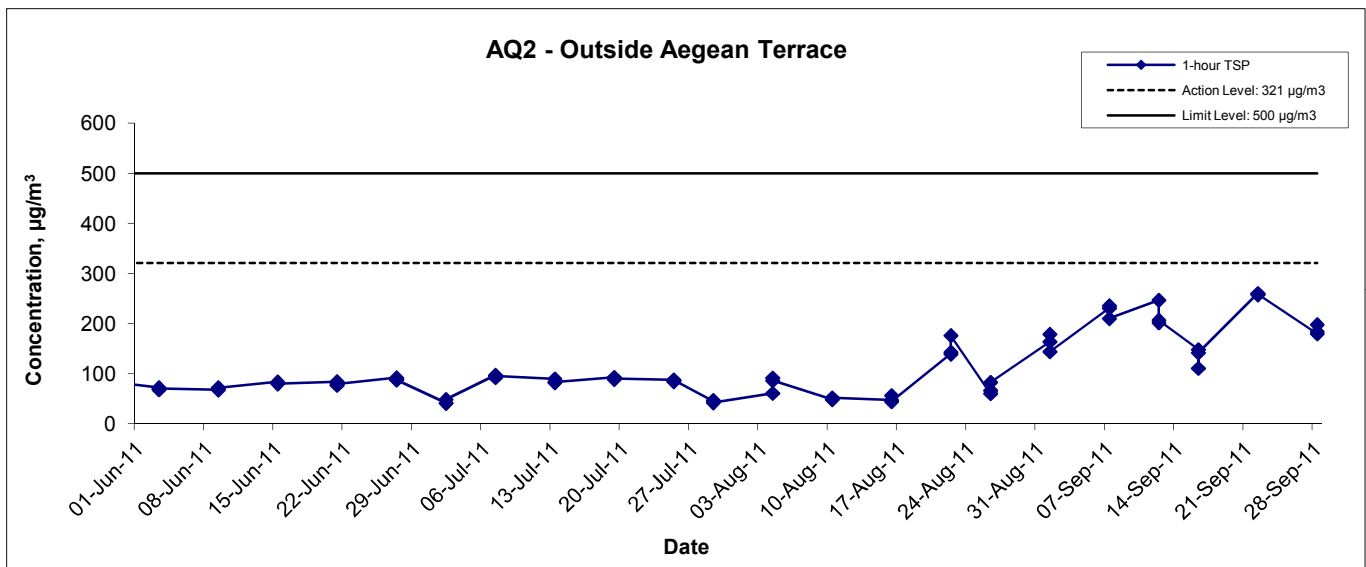
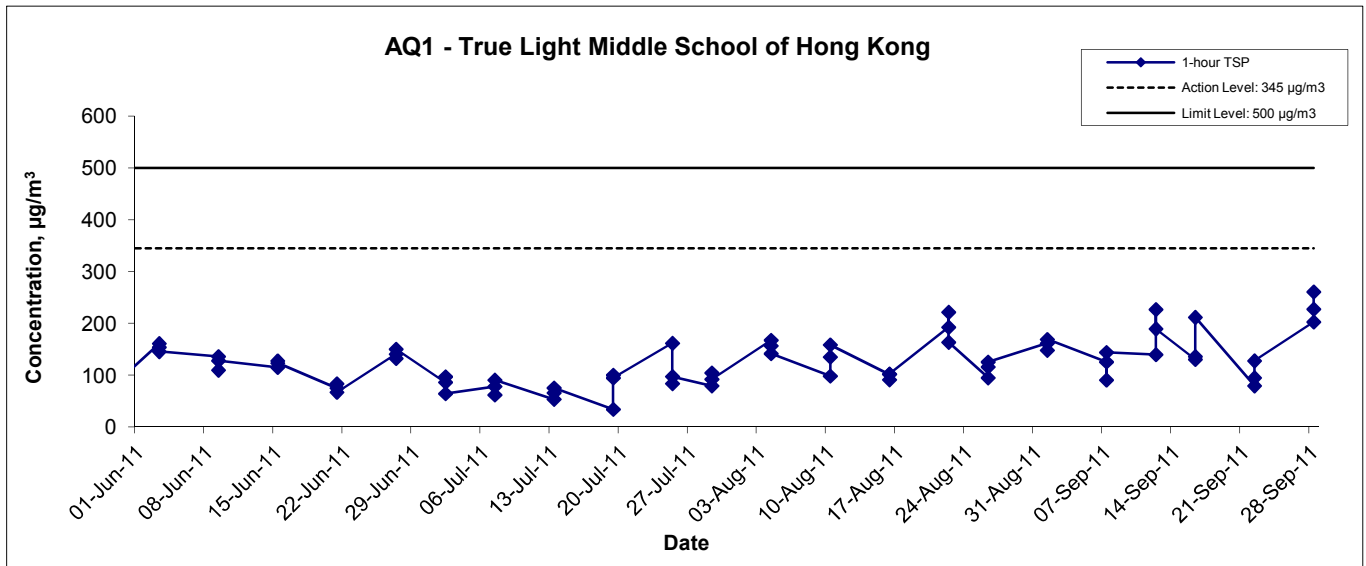
Station AQ1 (True Light Middle School of Hong Kong)

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			
1-Sep-11	9:30	Sunny	303.7	759.3	3.3898	3.4016	0.0118	6878.3	6879.3	1.0	1.22	1.22	1.22	72.9	161.8
1-Sep-11	10:30	Sunny	303.9	759.1	3.3943	3.4051	0.0108	6879.3	6880.3	1.0	1.22	1.21	1.21	72.9	148.2
1-Sep-11	13:00	Sunny	305.4	758.0	3.3772	3.3895	0.0123	6880.3	6881.3	1.0	1.21	1.21	1.21	72.7	169.2
7-Sep-11	9:30	Sunny	304.3	751.7	3.3728	3.3819	0.0091	6905.3	6906.3	1.0	1.21	1.21	1.21	72.5	125.5
7-Sep-11	10:30	Sunny	304.4	757.6	3.3376	3.3442	0.0066	6906.3	6907.3	1.0	1.21	1.21	1.21	72.8	90.7
7-Sep-11	13:00	Sunny	303.1	757.4	3.3552	3.3657	0.0105	6907.3	6908.3	1.0	1.21	1.22	1.22	72.9	144.0
12-Sep-11	13:30	Sunny	306.5	752.1	3.4256	3.4357	0.0101	6932.3	6933.3	1.0	1.21	1.21	1.21	72.3	139.7
12-Sep-11	14:30	Sunny	306.4	751.9	3.4761	3.4925	0.0164	6933.3	6934.3	1.0	1.21	1.21	1.21	72.3	226.8
12-Sep-11	15:30	Sunny	306.3	751.8	3.3777	3.3914	0.0137	6934.3	6935.3	1.0	1.21	1.21	1.21	72.3	189.4
16-Sep-11	9:00	Cloudy	303.8	756.5	3.3166	3.3261	0.0095	6959.3	6960.3	1.0	1.21	1.21	1.21	72.8	130.5
16-Sep-11	13:00	Cloudy	304.0	756.3	3.3378	3.3477	0.0099	6960.3	6961.3	1.0	1.21	1.21	1.21	72.8	136.1
16-Sep-11	9:00	Cloudy	304.2	756.1	3.3424	3.3578	0.0154	6961.3	6962.3	1.0	1.21	1.21	1.21	72.7	211.8
22-Sep-11	13:00	Cloudy	304.7	758.0	3.4047	3.4105	0.0058	6986.3	6987.3	1.0	1.21	1.21	1.21	72.8	79.7
22-Sep-11	14:00	Cloudy	304.9	757.8	3.3784	3.3853	0.0069	6987.3	6988.3	1.0	1.21	1.21	1.21	72.7	94.9
22-Sep-11	15:00	Cloudy	305.0	757.6	3.4007	3.4100	0.0093	6988.3	6989.3	1.0	1.21	1.21	1.21	72.7	127.9
28-Sep-11	13:00	Cloudy	306.6	757.3	3.3548	3.3695	0.0147	7013.3	7014.3	1.0	1.21	1.21	1.21	72.5	202.7
28-Sep-11	14:00	Cloudy	306.7	757.2	3.3491	3.3656	0.0165	7014.3	7015.3	1.0	1.21	1.21	1.21	72.5	227.6
28-Sep-11	15:00	Cloudy	306.9	757.1	3.4026	3.4215	0.0189	7015.3	7016.3	1.0	1.21	1.21	1.21	72.5	260.7
														Min	79.7
														Max	260.7
														Average	159.3

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Sep-11	9:00	Sunny	163.6
1-Sep-11	10:00	Sunny	178.5
1-Sep-11	11:00	Sunny	143.7
7-Sep-11	9:00	Sunny	230.8
7-Sep-11	10:00	Sunny	235.6
7-Sep-11	11:00	Sunny	210.0
12-Sep-11	9:00	Sunny	246.6
12-Sep-11	10:00	Sunny	201.5
12-Sep-11	11:00	Sunny	206.7
16-Sep-11	9:00	Cloudy	148.1
16-Sep-11	10:00	Cloudy	110.5
16-Sep-11	11:00	Cloudy	141.6
22-Sep-11	9:00	Cloudy	260.0
22-Sep-11	10:00	Cloudy	257.2
22-Sep-11	11:00	Cloudy	258.9
28-Sep-11	9:00	Cloudy	179.6
28-Sep-11	10:00	Cloudy	197.7
28-Sep-11	11:00	Cloudy	183.8
		Average	197.5
		Maximum	260.0
		Minimum	110.5

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 Sep 11	Appendix E	