

Appendix E - 1-hour TSP Monitoring Results

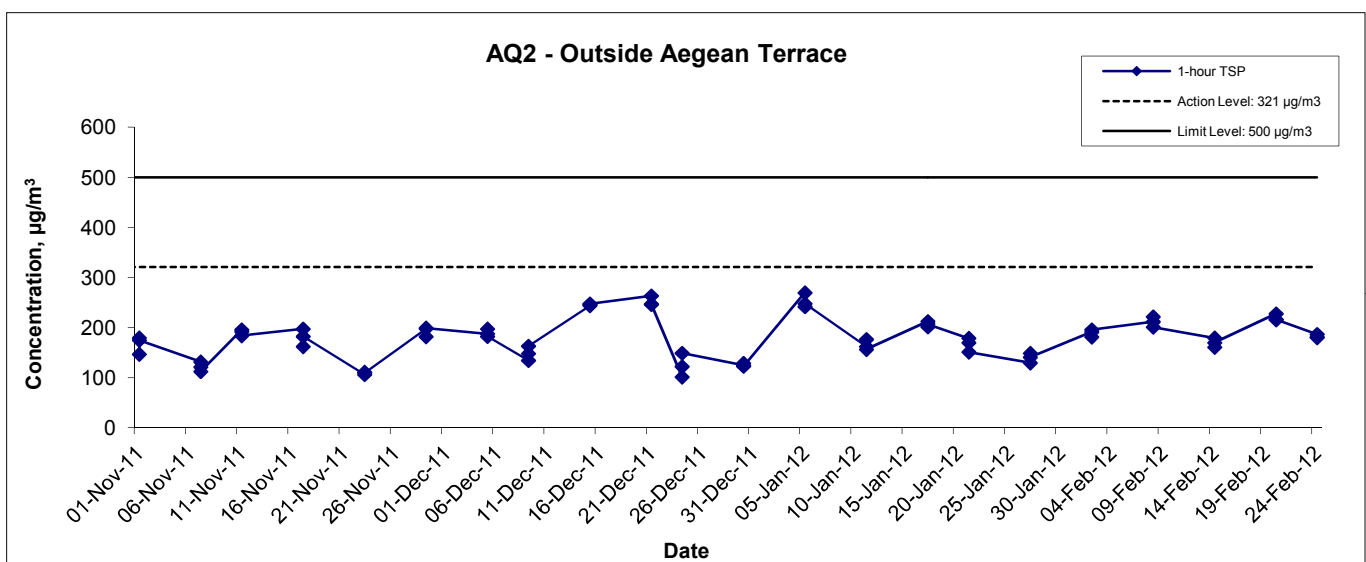
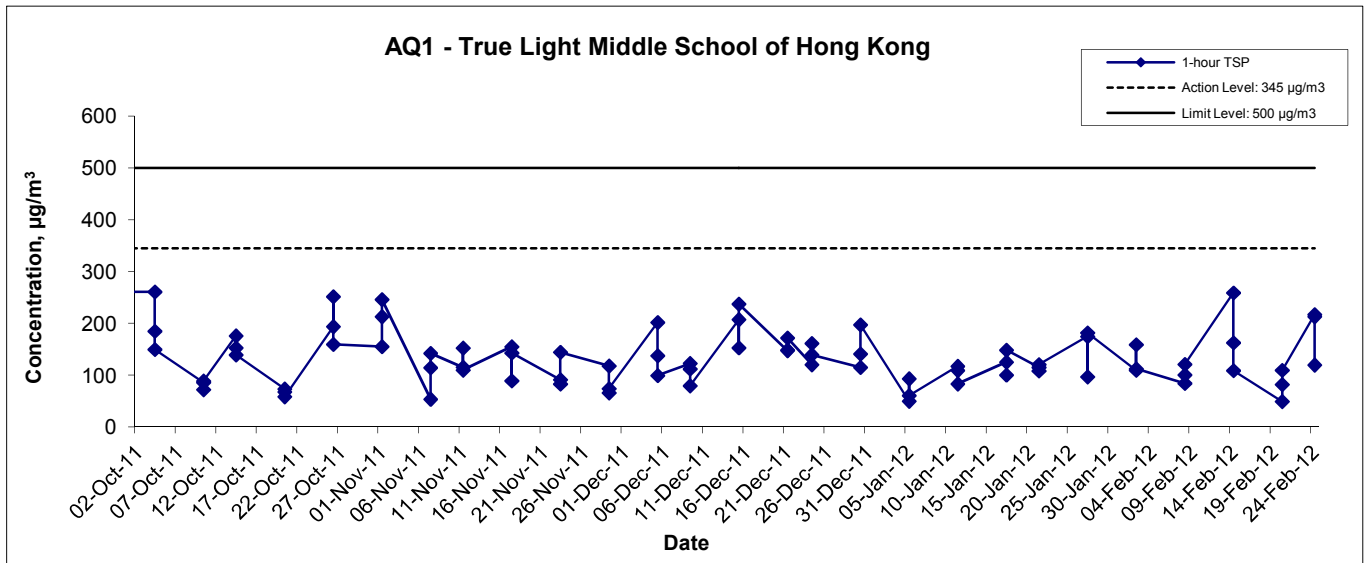
Station AQ1 (True Light Middle School of Hong Kong)

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-Feb-12	10:25	Cloudy	290.9	766.7	3.0990	3.1070	0.0080	7610.3	7611.3	1.0	1.22	1.22	1.22	73.0	109.6
2-Feb-12	13:10	Cloudy	290.8	766.5	3.0924	3.1040	0.0116	7611.3	7612.3	1.0	1.22	1.22	1.22	73.0	158.9
2-Feb-12	15:40	Cloudy	290.7	766.4	3.1275	3.1357	0.0082	7612.3	7613.3	1.0	1.22	1.22	1.22	73.0	112.3
8-Feb-12	10:50	Cloudy	285.7	768.4	3.1187	3.1249	0.0062	7637.3	7638.3	1.0	1.23	1.23	1.23	73.6	84.2
8-Feb-12	13:30	Cloudy	285.9	768.3	3.1175	3.1249	0.0074	7638.3	7639.3	1.0	1.23	1.23	1.23	73.6	100.5
8-Feb-12	15:55	Cloudy	286.0	768.1	3.1079	3.1168	0.0089	7639.3	7640.3	1.0	1.23	1.23	1.23	73.6	120.9
14-Feb-12	10:20	Cloudy	292.9	763.0	3.1070	3.1258	0.0188	7664.3	7665.3	1.0	1.21	1.21	1.21	72.6	258.9
14-Feb-12	14:15	Cloudy	293.1	762.8	3.1098	3.1216	0.0118	7665.3	7666.3	1.0	1.21	1.21	1.21	72.6	162.6
14-Feb-12	16:50	Cloudy	293.4	762.6	3.1168	3.1247	0.0079	7666.3	7667.3	1.0	1.21	1.21	1.21	72.5	108.9
20-Feb-12	10:55	Cloudy	290.3	765.2	3.1331	3.1367	0.0036	7691.3	7692.3	1.0	1.22	1.22	1.22	73.0	49.3
20-Feb-12	13:00	Cloudy	290.5	765.1	3.1213	3.1273	0.0060	7692.3	7693.3	1.0	1.22	1.22	1.22	73.0	82.2
20-Feb-12	14:50	Cloudy	290.6	764.9	3.1136	3.1216	0.0080	7693.3	7694.3	1.0	1.22	1.22	1.22	73.0	109.6
24-Feb-12	9:00	Cloudy	290.9	761.6	3.1199	3.1357	0.0158	7694.3	7695.3	1.0	1.21	1.21	1.21	72.8	217.1
24-Feb-12	13:05	Cloudy	291.1	761.4	3.1054	3.1209	0.0155	7695.3	7696.3	1.0	1.21	1.21	1.21	72.8	213.0
24-Feb-12	14:40	Cloudy	291.3	761.2	3.1008	3.1095	0.0087	7696.3	7697.3	1.0	1.21	1.21	1.21	72.7	119.6
														Min	49.3
														Max	258.9
														Average	133.8

Appendix E - 1-hour TSP Monitoring Results

Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Feb-12	9:00	Cloudy	191.2
2-Feb-12	10:00	Cloudy	181.3
2-Feb-12	11:00	Cloudy	195.6
8-Feb-12	13:00	Cloudy	211.6
8-Feb-12	14:00	Cloudy	221.4
8-Feb-12	15:00	Cloudy	200.8
14-Feb-12	9:00	Cloudy	179.2
14-Feb-12	10:00	Cloudy	160.7
14-Feb-12	11:00	Cloudy	169.8
20-Feb-12	9:00	Cloudy	227.4
20-Feb-12	10:00	Cloudy	215.6
20-Feb-12	11:00	Cloudy	216.0
24-Feb-12	9:00	Cloudy	186.6
24-Feb-12	10:00	Cloudy	179.9
24-Feb-12	11:00	Cloudy	181.2
		Average	194.6
		Maximum	227.4
		Minimum	160.7

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 Feb 12	Appendix E	