

Appendix E - 1-hour TSP Monitoring Results

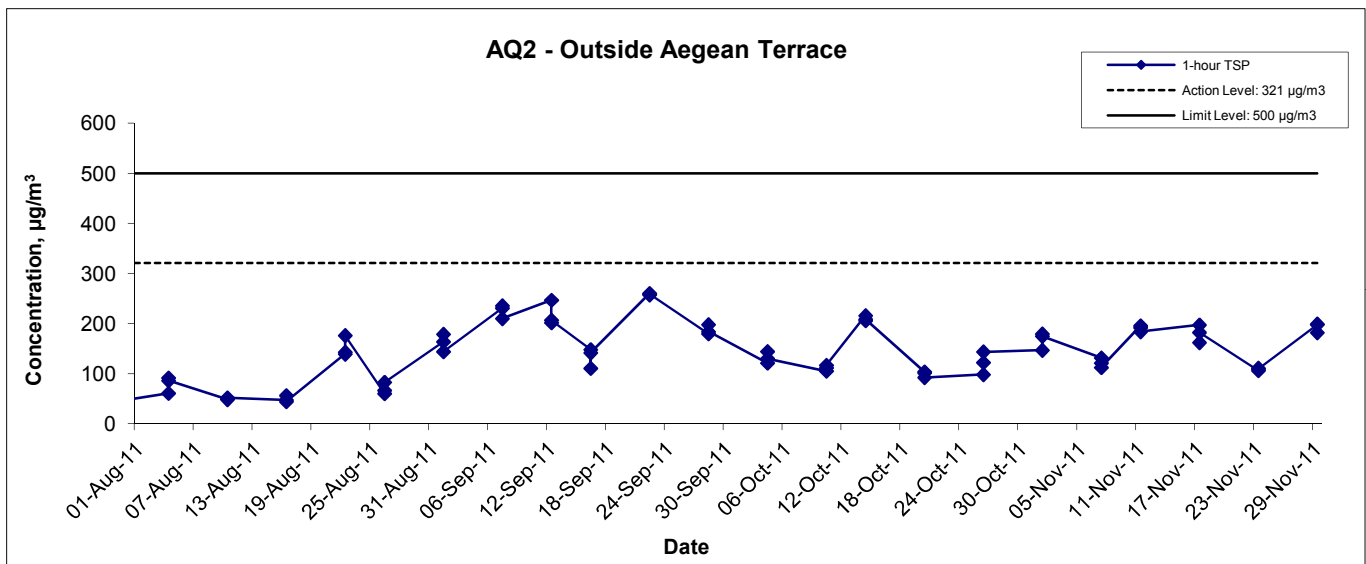
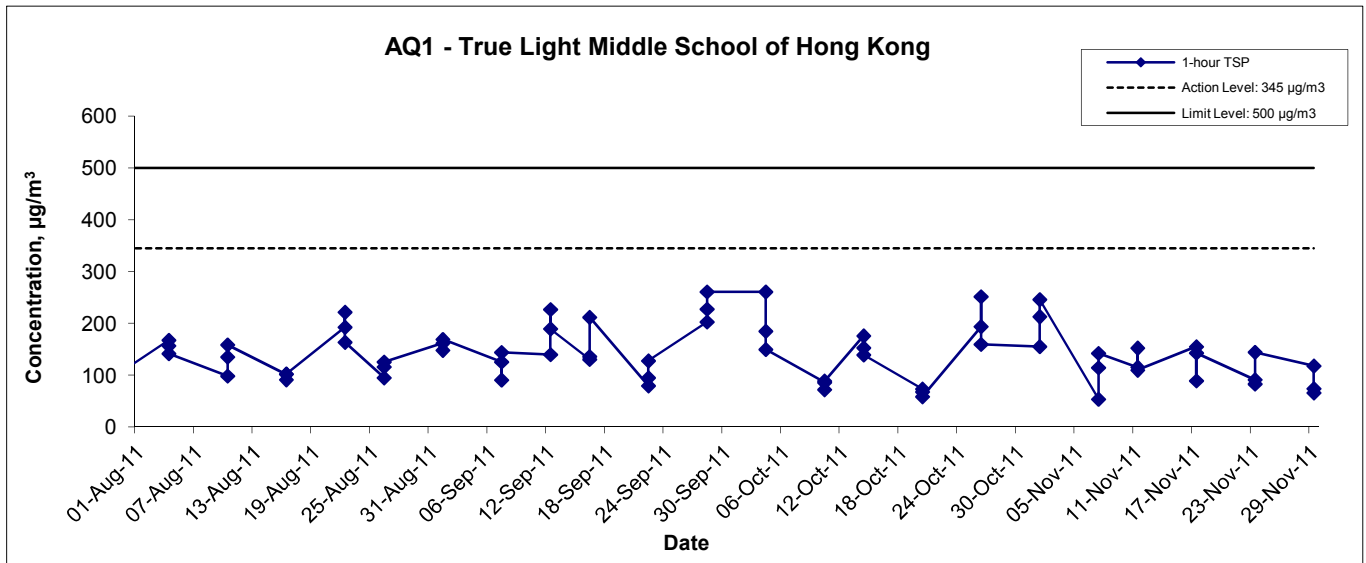
Station AQ1 (True Light Middle School of Hong Kong)

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-Nov-11	13:00	Sunny	298.2	766.1	3.3836	3.3949	0.0113	7175.3	7176.3	1.0	1.21	1.21	1.21	72.8	155.2
1-Nov-11	14:00	Sunny	298.4	765.9	3.3417	3.3572	0.0155	7176.3	7177.3	1.0	1.21	1.21	1.21	72.8	213.0
1-Nov-11	15:00	Sunny	298.6	765.5	3.3964	3.4143	0.0179	7177.3	7178.3	1.0	1.21	1.21	1.21	72.7	246.1
7-Nov-11	13:00	Sunny	299.5	761.8	3.3605	3.3644	0.0039	7202.3	7203.3	1.0	1.21	1.21	1.21	72.5	53.8
7-Nov-11	14:00	Sunny	299.7	761.6	3.3715	3.3798	0.0083	7203.3	7204.3	1.0	1.21	1.21	1.21	72.4	114.6
7-Nov-11	15:00	Sunny	299.9	761.3	3.3785	3.3888	0.0103	7204.3	7205.3	1.0	1.21	1.21	1.21	72.4	142.2
11-Nov-11	13:00	Sunny	298.2	766.1	3.3594	3.3678	0.0084	7205.3	7206.3	1.0	1.21	1.21	1.21	72.8	115.4
11-Nov-11	14:00	Sunny	298.4	765.8	3.3962	3.4073	0.0111	7206.3	7207.3	1.0	1.21	1.21	1.21	72.8	152.5
11-Nov-11	15:00	Sunny	298.6	765.6	3.3193	3.3273	0.0080	7207.3	7208.3	1.0	1.21	1.21	1.21	72.7	110.0
17-Nov-11	13:00	Cloudy	296.7	763.6	3.0881	3.0994	0.0113	7232.3	7233.3	1.0	1.21	1.21	1.21	72.9	155.1
17-Nov-11	14:00	Cloudy	296.9	763.4	3.0961	3.1026	0.0065	7233.3	7234.3	1.0	1.21	1.21	1.21	72.8	89.2
17-Nov-11	15:00	Cloudy	297.1	763.1	3.0949	3.1053	0.0104	7234.3	7235.3	1.0	1.21	1.21	1.21	72.8	142.8
23-Nov-11	9:00	Sunny	293.5	769.1	3.4121	3.4188	0.0067	7259.3	7260.3	1.0	1.23	1.22	1.22	73.5	91.2
23-Nov-11	10:00	Sunny	293.7	768.9	3.4229	3.4290	0.0061	7260.3	7261.3	1.0	1.22	1.22	1.22	73.5	83.0
23-Nov-11	11:00	Sunny	293.9	768.7	3.4006	3.4112	0.0106	7261.3	7262.3	1.0	1.22	1.22	1.22	73.4	144.4
29-Nov-11	13:00	Sunny	296.6	765.1	3.3463	3.3549	0.0086	7286.3	7287.3	1.0	1.22	1.22	1.22	72.9	117.9
29-Nov-11	14:00	Sunny	296.7	764.9	3.3863	3.3911	0.0048	7287.3	7288.3	1.0	1.22	1.22	1.22	72.9	65.8
29-Nov-11	15:00	Sunny	296.7	764.7	3.3878	3.3932	0.0054	7288.3	7289.3	1.0	1.22	1.22	1.22	72.9	74.1
														Min	53.8
														Max	246.1
														Average	125.9

Appendix E - 1-hour TSP Monitoring Results

Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Nov-11	9:00	Sunny	146.8
1-Nov-11	10:00	Sunny	179.1
1-Nov-11	11:00	Sunny	174.7
7-Nov-11	9:00	Sunny	131.5
7-Nov-11	10:00	Sunny	121.0
7-Nov-11	11:00	Sunny	112.2
11-Nov-11	9:00	Sunny	195.5
11-Nov-11	10:00	Sunny	191.7
11-Nov-11	11:00	Sunny	183.8
17-Nov-11	9:00	Cloudy	197.3
17-Nov-11	10:00	Cloudy	162.0
17-Nov-11	11:00	Cloudy	182.2
23-Nov-11	14:00	Sunny	106.0
23-Nov-11	15:00	Sunny	111.0
23-Nov-11	16:00	Sunny	109.4
29-Nov-11	9:00	Sunny	197.7
29-Nov-11	10:00	Sunny	181.8
29-Nov-11	11:00	Sunny	199.0
		Average	160.2
		Maximum	199.0
		Minimum	106.0

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 Nov 11	Appendix E	