

Appendix E - 1-hour TSP Monitoring Results

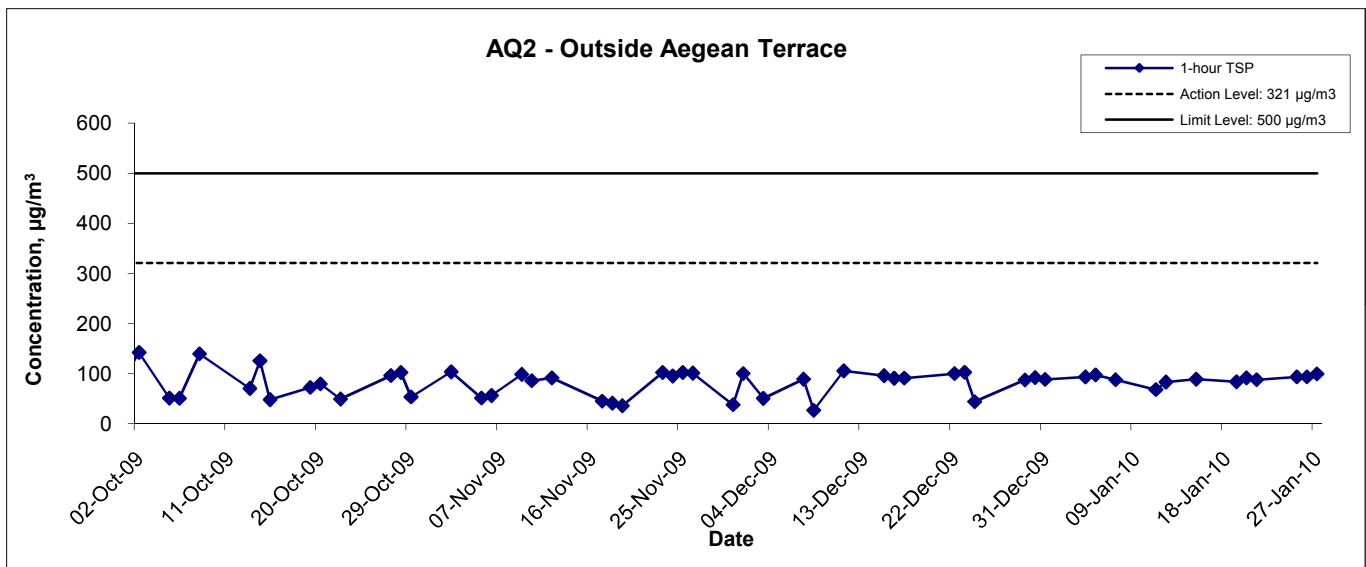
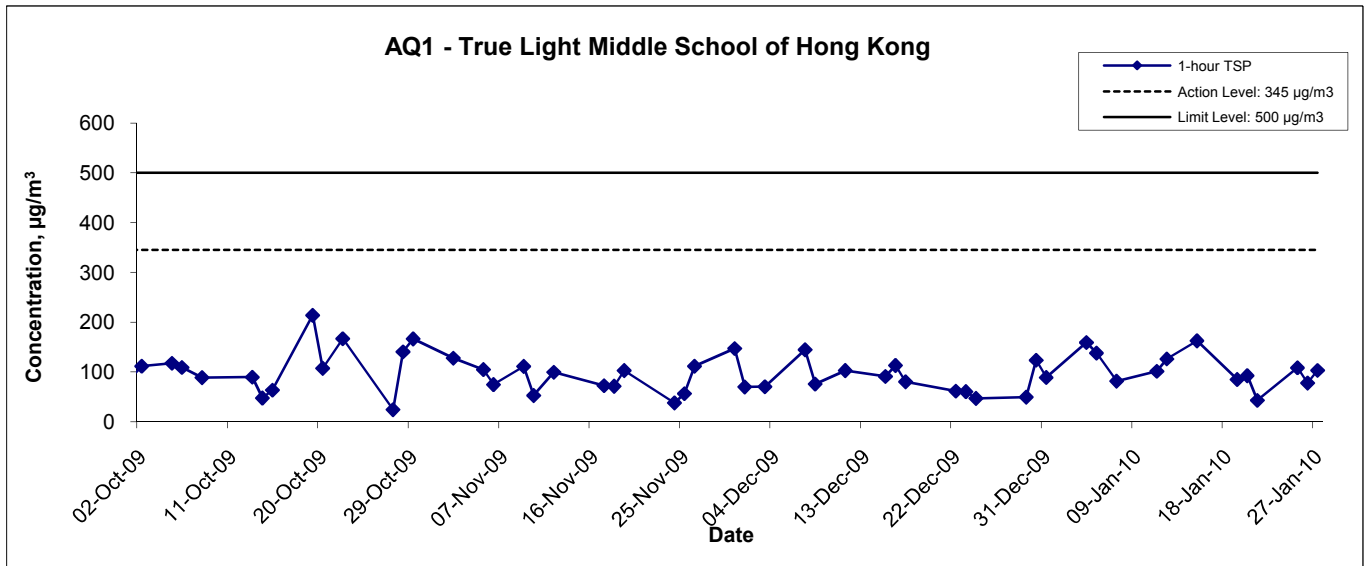
Station AQ1 (True Light Middle School of Hong Kong)

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			
4-Jan-10	14:00	Sunny	292.6	762.7	3.3478	3.3593	0.0115	4108.3	4109.3	1.0	1.20	1.20	1.20	72.1	159.5
5-Jan-10	09:00	Cloudy	290.9	765.5	3.4285	3.4385	0.0100	4109.3	4110.3	1.0	1.21	1.21	1.21	72.4	138.1
7-Jan-10	09:00	Cloudy	284.0	770.2	3.4135	3.4195	0.0060	4110.3	4111.3	1.0	1.22	1.22	1.22	73.4	81.8
11-Jan-10	15:00	Rainy	286.5	765.8	3.3327	3.3401	0.0074	4135.3	4136.3	1.0	1.22	1.21	1.22	72.9	101.5
12-Jan-10	09:00	Cloudy	283.1	771.7	3.3659	3.3752	0.0093	4136.3	4137.3	1.0	1.23	1.23	1.23	73.5	126.5
15-Jan-10	15:00	Sunny	292.1	770.1	3.2951	3.3069	0.0118	4161.3	4162.3	1.0	1.21	1.21	1.21	72.5	162.8
19-Jan-10	09:00	Sunny	289.5	769.9	3.2424	3.2486	0.0062	4162.3	4163.3	1.0	1.21	1.21	1.21	72.7	85.2
20-Jan-10	09:00	Sunny	294.4	768.5	3.2642	3.2709	0.0067	4163.3	4164.3	1.0	1.20	1.20	1.20	72.2	92.9
21-Jan-10	13:00	Sunny	295.8	765.8	3.3313	3.3344	0.0031	4188.3	4189.3	1.0	1.20	1.20	1.20	71.9	43.1
25-Jan-10	09:00	Cloudy	289.1	769.8	3.4235	3.4314	0.0079	4189.3	4190.3	1.0	1.21	1.21	1.21	72.8	108.5
26-Jan-10	09:00	Cloudy	287.8	772.0	3.3133	3.3190	0.0057	4190.3	4191.3	1.0	1.22	1.22	1.22	73.0	78.1
27-Jan-10	13:00	Cloudy	290.5	766.1	3.2237	3.2312	0.0075	4215.3	4216.3	1.0	1.21	1.21	1.21	72.5	103.5
														Min	43.1
														Max	162.8
														Average	106.8

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
4-Jan-10	15:25	Sunny	93.4
5-Jan-10	14:10	Cloudy	97.3
7-Jan-10	14:30	Cloudy	87.7
11-Jan-10	13:25	Cloudy	68.0
12-Jan-10	11:00	Sunny	83.2
15-Jan-10	14:00	Sunny	88.7
19-Jan-10	11:00	Sunny	83.6
20-Jan-10	13:45	Cloudy	91.5
21-Jan-10	13:50	Sunny	87.9
25-Jan-10	14:00	Cloudy	93.5
26-Jan-10	11:00	Cloudy	93.5
27-Jan-10	15:25	Cloudy	99.3
		Average	89.0
		Maximum	99.3
		Minimum	68.0

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 Jan 10	Appendix E	