

Appendix E - 1-hour TSP Monitoring Results

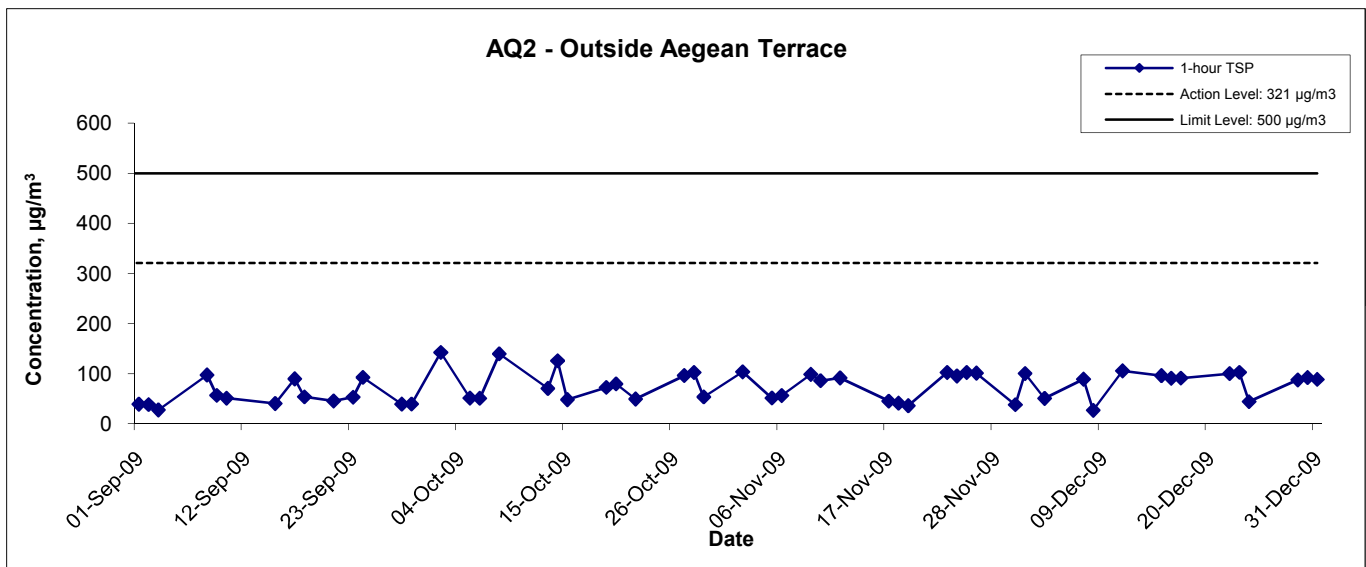
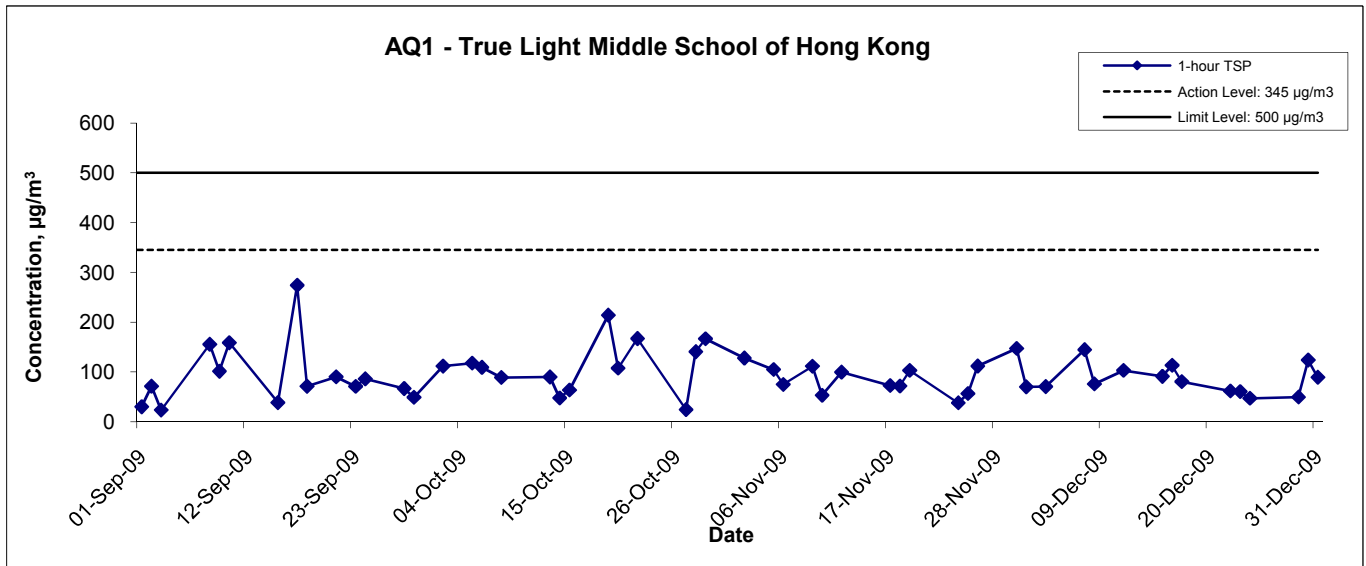
Station AQ1 (True Light Middle School of Hong Kong)

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-Dec-09	09:00	Sunny	288.8	770.9	3.3017	3.3070	0.0053	3950.3	3951.3	1.0	1.25	1.25	1.25	75.0	70.1
3-Dec-09	09:00	Sunny	289.0	770.3	3.4187	3.4240	0.0053	3951.3	3952.3	1.0	1.25	1.25	1.25	75.0	70.7
7-Dec-09	16:00	Sunny	289.8	764.9	3.3920	3.4025	0.0105	3976.3	3977.3	1.0	1.21	1.21	1.21	72.5	144.8
8-Dec-09	09:00	Cloudy	290.9	766.8	3.4156	3.4211	0.0055	3977.3	3978.3	1.0	1.21	1.21	1.21	72.5	75.9
11-Dec-09	14:00	Sunny	296.1	764.2	3.4453	3.4527	0.0074	4002.3	4003.3	1.0	1.20	1.20	1.20	71.8	103.1
15-Dec-09	09:00	Sunny	292.1	767.1	3.4359	3.4425	0.0066	4003.3	4004.3	1.0	1.21	1.21	1.21	72.3	91.2
16-Dec-09	09:00	Cloudy	285.7	769.8	3.4438	3.4521	0.0083	4004.3	4005.3	1.0	1.22	1.22	1.22	73.2	113.4
17-Dec-09	15:30	Cloudy	285.4	769.2	3.3836	3.3895	0.0059	4029.3	4030.3	1.0	1.22	1.22	1.22	73.2	80.6
22-Dec-09	09:00	Cloudy	288.8	770.6	3.3470	3.3515	0.0045	4030.3	4031.3	1.0	1.21	1.21	1.21	72.9	61.8
23-Dec-09	10:30	Cloudy	290.8	768.3	3.3893	3.3937	0.0044	4055.3	4056.3	1.0	1.21	1.21	1.21	72.5	60.7
24-Dec-09	09:00	Sunny	292.9	766.3	3.3445	3.3479	0.0034	4056.3	4057.3	1.0	1.20	1.20	1.20	72.2	47.1
29-Dec-09	13:30	Cloudy	288.6	763.3	3.4041	3.4077	0.0036	4081.3	4082.3	1.0	1.21	1.21	1.21	72.6	49.6
30-Dec-09	09:00	Cloudy	288.6	765.3	3.4048	3.4138	0.0090	4082.3	4083.3	1.0	1.21	1.21	1.21	72.7	123.9
31-Dec-09	09:00	Cloudy	287.7	767.9	3.3472	3.3537	0.0065	4083.3	4084.3	1.0	1.21	1.21	1.21	72.9	89.2
														Min	47.1
														Max	144.8
														Average	84.4

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Dec-09	11:00	Sunny	100.1
3-Dec-09	9:15	Sunny	50.5
7-Dec-09	15:00	Cloudy	88.9
8-Dec-09	13:00	Cloudy	26.6
11-Dec-09	15:30	Sunny	105.5
15-Dec-09	15:30	Cloudy	95.8
16-Dec-09	17:15	Cloudy	90.6
17-Dec-09	15:45	Cloudy	91.1
22-Dec-09	14:35	Sunny	100.0
23-Dec-09	15:20	Cloudy	102.6
24-Dec-09	13:00	Sunny	43.9
29-Dec-09	13:10	Cloudy	87.3
30-Dec-09	16:00	Cloudy	92.0
31-Dec-09	15:25	Cloudy	88.4
Average			83.1
Maximum			105.5
Minimum			26.6

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 Dec 09	Appendix E	