

Appendix E - 1-hour TSP Monitoring Results

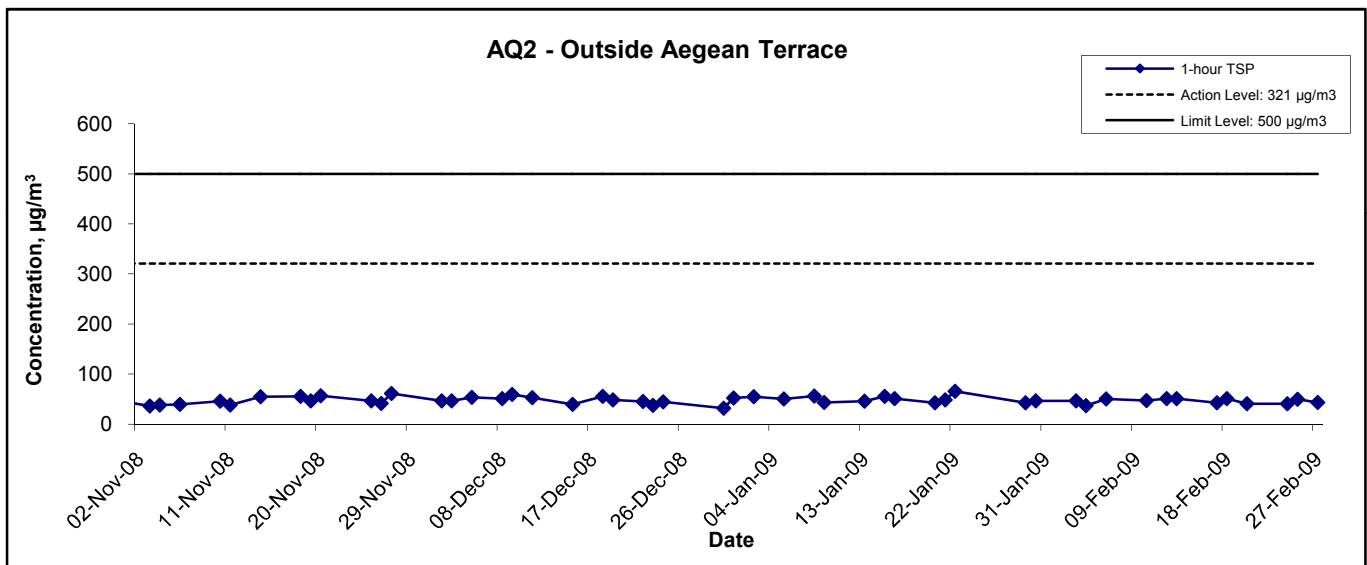
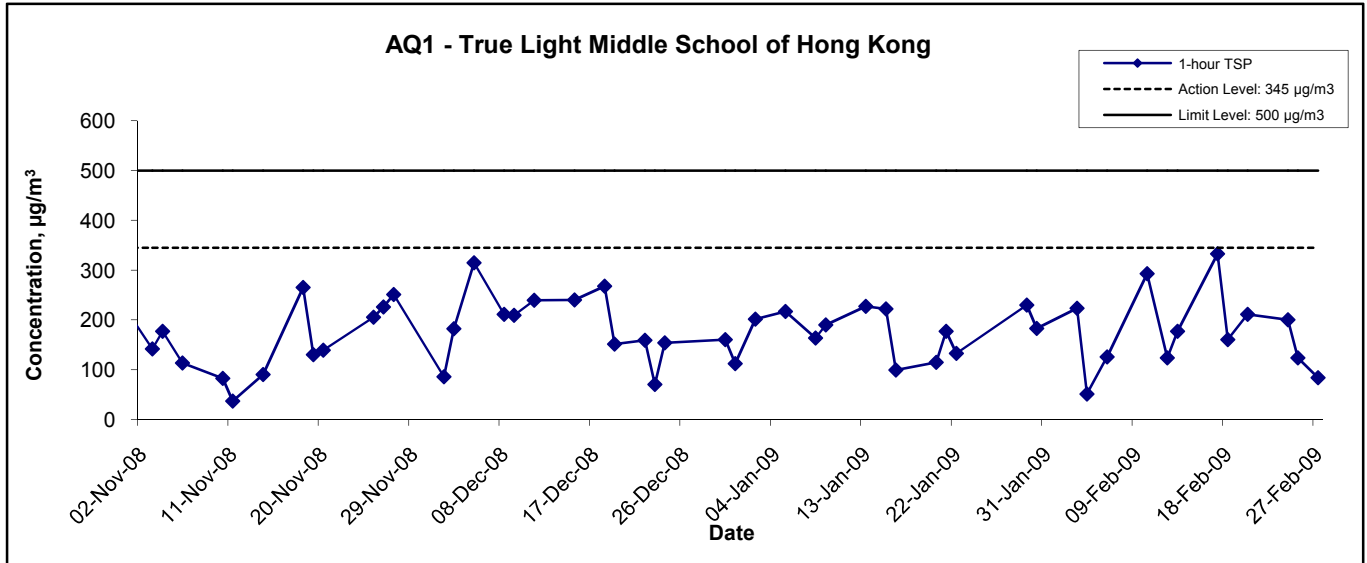
Station AQ1 (True Light Middle School of Hong Kong)

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			
3-Feb-09	14:45	Sunny	295.2	764.6	2.8681	2.8843	0.0162	2575.3	2576.3	1.0	1.21	1.21	1.21	72.5	223.5
4-Feb-09	13:00	Sunny	292.4	766.0	2.8237	2.8274	0.0037	2576.3	2577.3	1.0	1.21	1.21	1.21	72.8	50.8
6-Feb-09	13:00	Sunny	294.4	766.9	2.8212	2.8303	0.0091	2601.3	2602.3	1.0	1.21	1.21	1.21	72.7	125.2
10-Feb-09	09:00	Sunny	293.4	766.6	2.8616	2.8829	0.0213	2602.3	2603.3	1.0	1.21	1.21	1.21	72.8	292.8
12-Feb-09	12:30	Sunny	293.1	762.9	2.7979	2.8069	0.0090	2627.3	2628.3	1.0	1.21	1.22	1.21	72.9	123.5
13-Feb-09	09:00	Cloudy	296.1	759.2	2.8160	2.8288	0.0128	2628.3	2629.3	1.0	1.21	1.21	1.21	72.4	176.9
17-Feb-09	09:00	Cloudy	291.0	767.9	2.8717	2.8961	0.0244	2629.3	2630.3	1.0	1.22	1.22	1.22	73.3	332.8
18-Feb-09	10:55	Cloudy	292.0	766.8	2.8963	2.9080	0.0117	2654.3	2655.3	1.0	1.22	1.22	1.22	73.1	160.0
20-Feb-09	09:00	Cloudy	293.9	766.2	2.8566	2.8720	0.0154	2653.3	2654.3	1.0	1.22	1.21	1.22	72.9	211.2
24-Feb-09	15:55	Sunny	296.6	761.6	2.8864	2.9009	0.0145	2678.3	2679.3	1.0	1.21	1.21	1.21	72.4	200.3
25-Feb-09	09:00	Sunny	294.9	763.6	2.9326	2.9416	0.0090	2679.3	2680.3	1.0	1.21	1.21	1.21	72.7	123.8
27-Feb-09	09:00	Sunny	293.3	764.8	2.8538	2.8599	0.0061	2680.3	2681.3	1.0	1.22	1.21	1.22	72.9	83.7
														Min	50.8
														Max	332.8
														Average	175.4

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
3-Feb-09	16:25	Sunny	47.1
4-Feb-09	16:00	Sunny	37.2
6-Feb-09	16:45	Sunny	50.8
10-Feb-09	16:30	Sunny	47.5
12-Feb-09	17:16	Sunny	51.1
13-Feb-09	15:45	Cloudy	51.1
17-Feb-09	11:00	Cloudy	42.8
18-Feb-09	09:00	Cloudy	51.3
20-Feb-09	13:00	Cloudy	40.9
24-Feb-09	16:35	Sunny	41.3
25-Feb-09	9:00	Sunny	50.0
27-Feb-09	13:00	Sunny	43.9
		Average	46.3
		Maximum	51.3
		Minimum	37.2

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 09	Appendix E	