

Appendix E - 1-hour TSP Monitoring Results

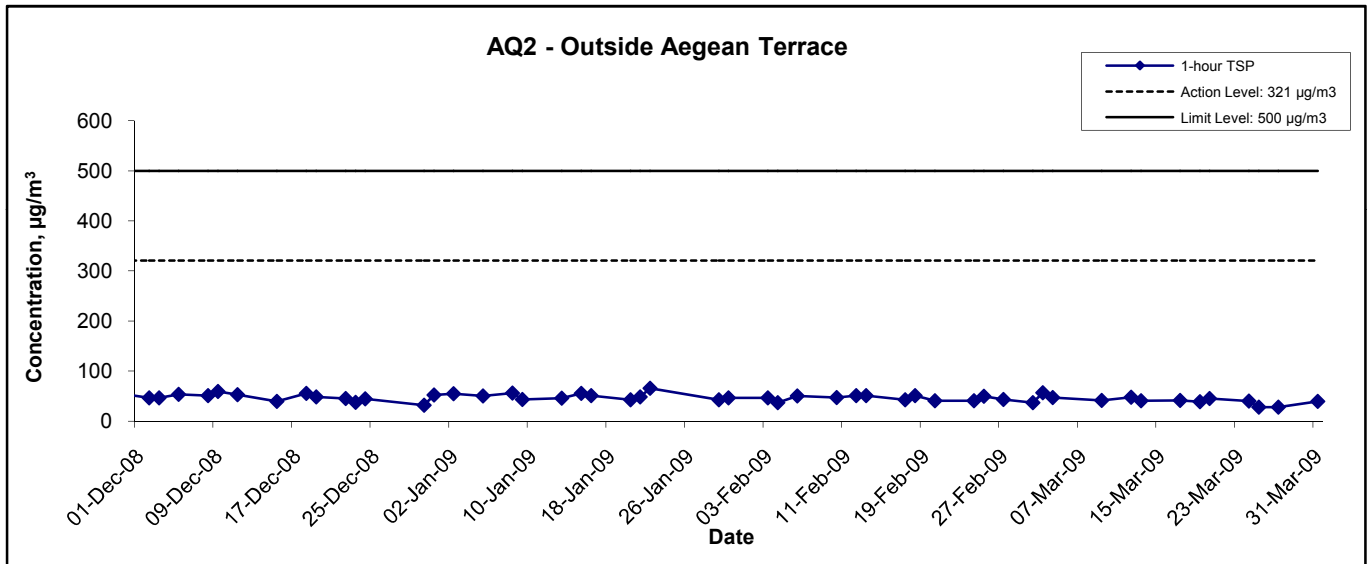
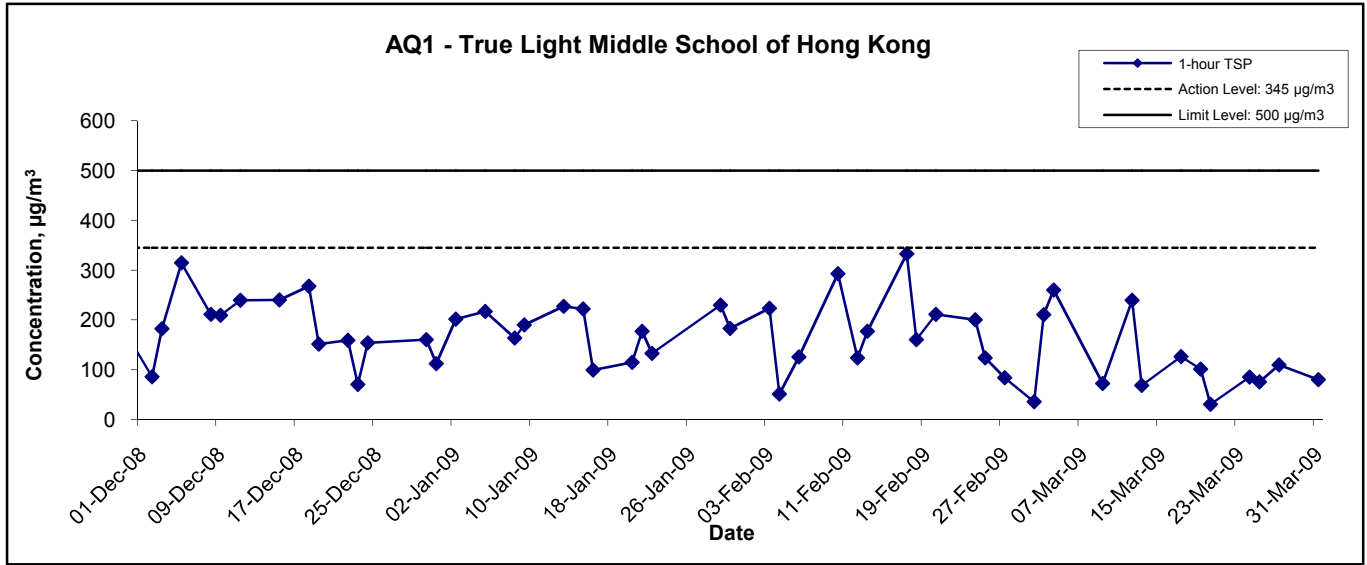
Station AQ1 (True Light Middle School of Hong Kong)

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-Mar-09	16:15	Cloudy	291.9	765.3	2.8959	2.8985	0.0026	2705.3	2706.3	1.0	1.22	1.22	1.22	73.1	35.6
3-Mar-09	09:00	Cloudy	290.7	766.6	2.9169	2.9323	0.0154	2706.3	2707.3	1.0	1.22	1.22	1.22	73.3	210.1
4-Mar-09	09:00	Cloudy	291.1	764.0	2.8566	2.8756	0.0190	2707.3	2708.3	1.0	1.22	1.22	1.22	73.1	259.8
9-Mar-09	16:30	Cloudy	290.6	764.4	2.8409	2.8462	0.0053	2732.3	2733.3	1.0	1.22	1.22	1.22	73.2	72.4
12-Mar-09	09:00	Cloudy	291.8	765.8	2.8647	2.8822	0.0175	2733.3	2734.3	1.0	1.22	1.22	1.22	73.1	239.3
13-Mar-09	16:30	Cloudy	287.3	762.9	2.8748	2.8798	0.0050	2758.3	2759.3	1.0	1.23	1.23	1.23	73.5	68.0
17-Mar-09	09:00	Sunny	293.6	764.8	4.2053	4.2145	0.0092	2759.3	2760.3	1.0	1.21	1.21	1.21	72.9	126.2
19-Mar-09	16:30	Sunny	299.9	760.7	2.8525	2.8598	0.0073	2784.3	2785.3	1.0	1.20	1.20	1.20	72.0	101.4
20-Mar-09	09:00	Sunny	296.7	762.9	4.2012	4.2034	0.0022	2785.3	2786.3	1.0	1.21	1.21	1.21	72.4	30.4
24-Mar-09	09:00	Cloudy	292.1	763.9	4.2113	4.2175	0.0062	2786.3	2787.3	1.0	1.22	1.22	1.22	73.0	84.9
25-Mar-09	15:30	Cloudy	290.8	765.5	2.8358	2.8413	0.0055	2811.3	2812.3	1.0	1.22	1.22	1.22	73.2	75.1
27-Mar-09	09:00	Cloudy	291.9	764.5	4.1824	4.1904	0.0080	2812.3	2813.3	1.0	1.22	1.22	1.22	73.1	109.5
31-Mar-09	16:30	Cloudy	295.2	765.2	4.1770	4.1828	0.0058	2837.3	2838.3	1.0	1.21	1.21	1.21	72.7	79.8
														Min	30.4
														Max	259.8
														Average	114.8

Appendix E - 1-hour TSP Monitoring Results

Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Mar-09	11:00	Cloudy	36.9
3-Mar-09	16:00	Cloudy	57.0
4-Mar-09	12:30	Cloudy	47.7
9-Mar-09	15:00	Cloudy	41.8
12-Mar-09	13:00	Cloudy	47.8
13-Mar-09	14:35	Cloudy	41.0
17-Mar-09	13:00	Sunny	41.5
19-Mar-09	13:00	Sunny	39.2
20-Mar-09	16:00	Sunny	45.6
24-Mar-09	16:00	Cloudy	40.6
25-Mar-09	13:00	Cloudy	28.2
27-Mar-09	16:00	Cloudy	28.3
31-Mar-09	14:30	Cloudy	39.8
Average			41.2
Maximum			57.0
Minimum			28.2

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	CINOTECH
	Date Mar 09	Appendix E	