

## Appendix E - 1-hour TSP Monitoring Results

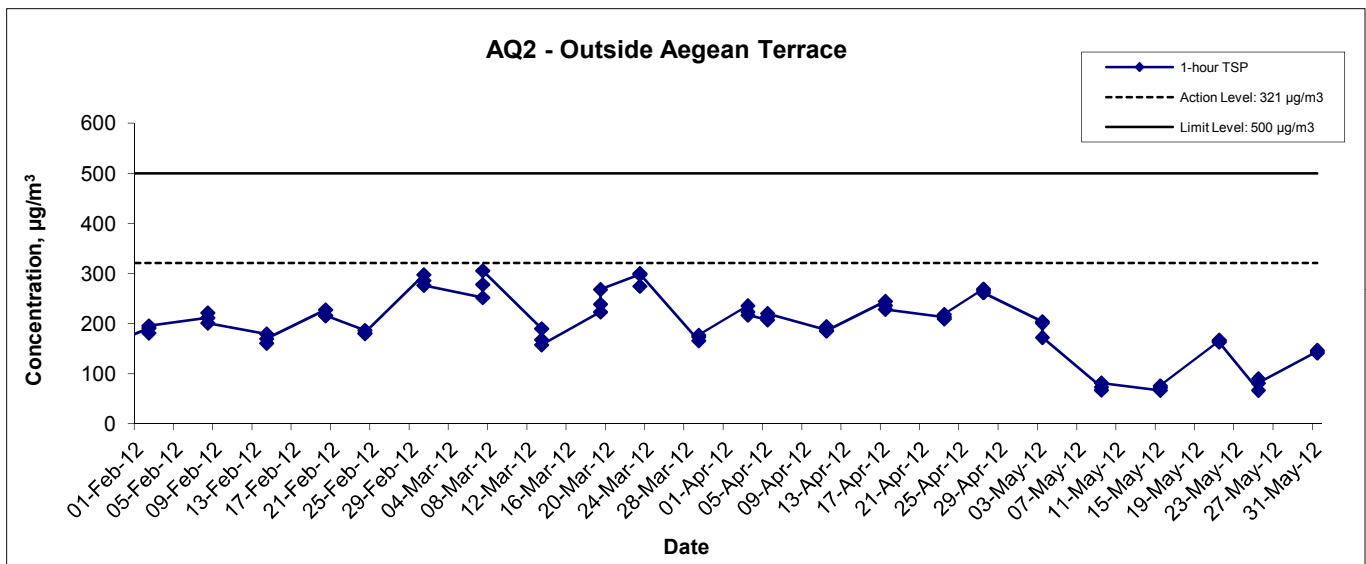
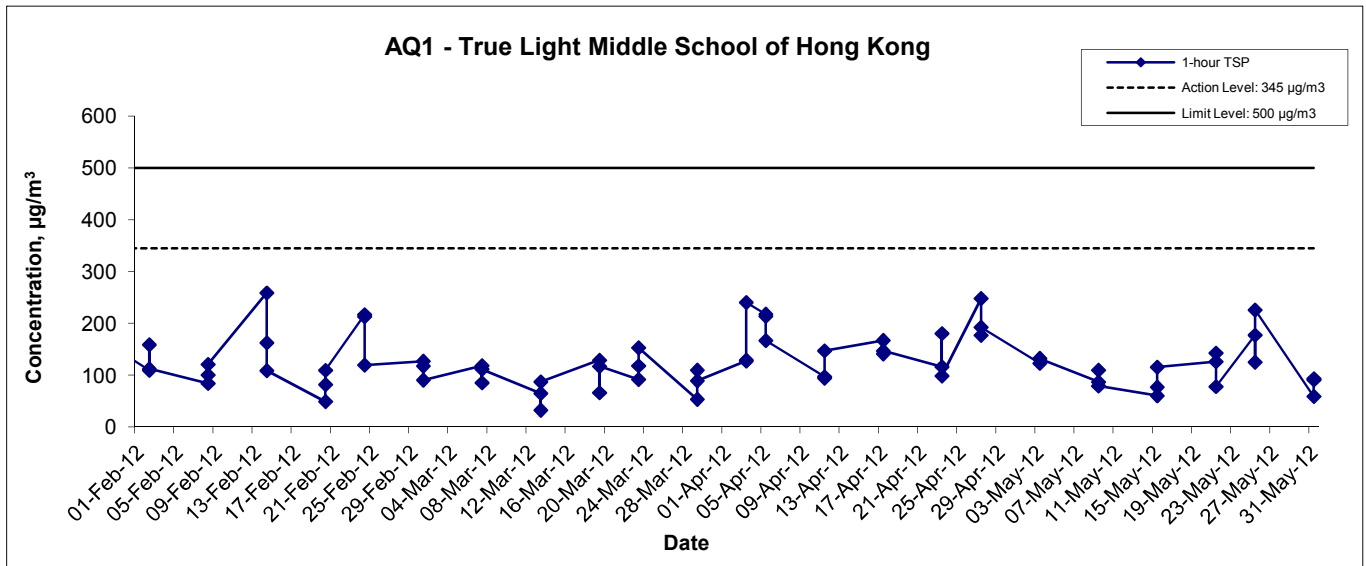
### Station AQ1 (True Light Middle School of Hong Kong)

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 <sup>3</sup> /min.)		Av. flow (m <sup>3</sup> /min)	Total vol. (m <sup>3</sup> )	Conc. (µg/m <sup>3</sup> )
					Initial	Final		Initial	Final		Initial	Final			
3-May-12	13:00	Cloudy	303.2	755.6	3.2999	3.3088	0.0089	8021.3	8022.3	1.0	1.21	1.20	1.20	72.3	123.1
3-May-12	14:00	Cloudy	303.4	755.4	3.2929	3.3025	0.0096	8022.3	8023.3	1.0	1.20	1.20	1.20	72.3	132.9
3-May-12	15:00	Cloudy	303.6	755.2	3.2865	3.2960	0.0095	8023.3	8024.3	1.0	1.20	1.20	1.20	72.2	131.5
9-May-12	11:20	Sunny	303.8	758.9	3.0721	3.0784	0.0063	8048.3	8049.3	1.0	1.21	1.21	1.21	72.4	87.1
9-May-12	14:28	Sunny	306.9	757.9	3.0792	3.0871	0.0079	8049.3	8050.3	1.0	1.20	1.20	1.20	72.0	109.7
9-May-12	15:35	Sunny	307.1	757.7	3.0988	3.1045	0.0057	8050.3	8051.3	1.0	1.20	1.20	1.20	72.0	79.2
15-May-12	09:00	Sunny	301.7	759.2	3.0792	3.0836	0.0044	8075.3	8076.3	1.0	1.21	1.21	1.21	72.6	60.6
15-May-12	11:35	Sunny	302.3	758.7	3.0788	3.0844	0.0056	8076.3	8077.3	1.0	1.21	1.21	1.21	72.5	77.2
15-May-12	15:50	Sunny	301.1	757.1	3.0815	3.0899	0.0084	8077.3	8078.3	1.0	1.21	1.21	1.21	72.6	115.7
21-May-12	11:45	Sunny	298.8	758.7	3.1792	3.1884	0.0092	8102.3	8103.3	1.0	1.22	1.21	1.21	72.9	126.2
21-May-12	14:45	Sunny	299.9	758.2	3.1702	3.1806	0.0104	8103.3	8104.3	1.0	1.21	1.21	1.21	72.7	143.0
21-May-12	17:45	Sunny	297.1	757.6	3.1697	3.1754	0.0057	8104.3	8105.3	1.0	1.21	1.22	1.22	73.0	78.0
25-May-12	09:00	Sunny	299.9	757.9	3.0502	3.0631	0.0129	8129.3	8130.3	1.0	1.21	1.21	1.21	72.7	177.4
25-May-12	11:55	Sunny	301.4	757.3	3.0614	3.0705	0.0091	8130.3	8131.3	1.0	1.21	1.21	1.21	72.6	125.4
25-May-12	13:10	Sunny	301.1	756.7	3.0530	3.0694	0.0164	8131.3	8132.3	1.0	1.21	1.21	1.21	72.6	226.0
31-May-12	09:00	Cloudy	299.5	759.2	3.2697	3.2740	0.0043	8156.3	8157.3	1.0	1.21	1.21	1.21	72.8	59.0
31-May-12	11:50	Cloudy	300.0	758.7	3.1910	3.1978	0.0068	8157.3	8158.3	1.0	1.21	1.21	1.21	72.8	93.5
31-May-12	14:05	Cloudy	301.8	757.7	3.1812	3.1878	0.0066	8158.3	8159.3	1.0	1.21	1.21	1.21	72.5	91.0
														Min	59.0
														Max	226.0
														Average	113.1

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
3-May-12	13:00	Cloudy	203.9
3-May-12	14:00	Cloudy	200.8
3-May-12	15:00	Cloudy	172.3
9-May-12	9:00	Sunny	73.4
9-May-12	10:00	Sunny	67.2
9-May-12	11:00	Sunny	81.4
15-May-12	13:00	Sunny	66.7
15-May-12	14:00	Sunny	71.8
15-May-12	15:00	Sunny	75.9
21-May-12	9:00	Sunny	165.1
21-May-12	10:00	Sunny	167.0
21-May-12	11:00	Sunny	162.9
25-May-12	9:00	Sunny	66.9
25-May-12	10:00	Sunny	89.9
25-May-12	11:00	Sunny	81.2
31-May-12	14:45	Cloudy	144.0
31-May-12	15:45	Cloudy	141.2
31-May-12	16:45	Cloudy	146.7
		Average	121.0
		Maximum	203.9
		Minimum	66.7

### 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 May 12	Appendix E	