

Appendix E - 1-hour TSP Monitoring Results

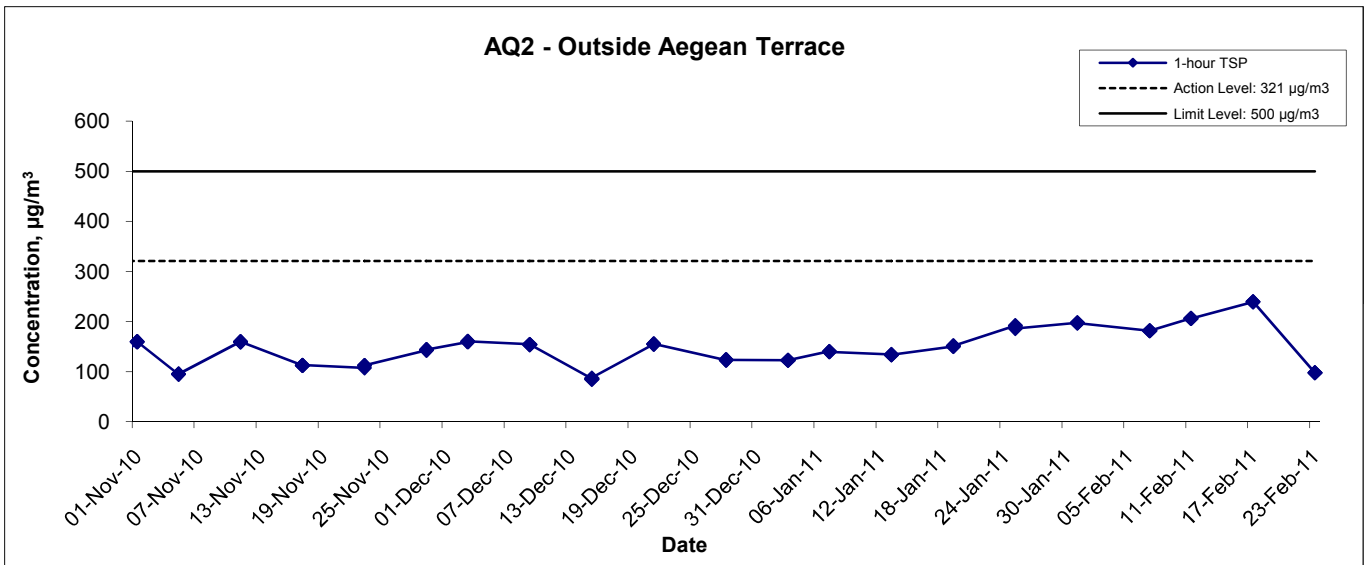
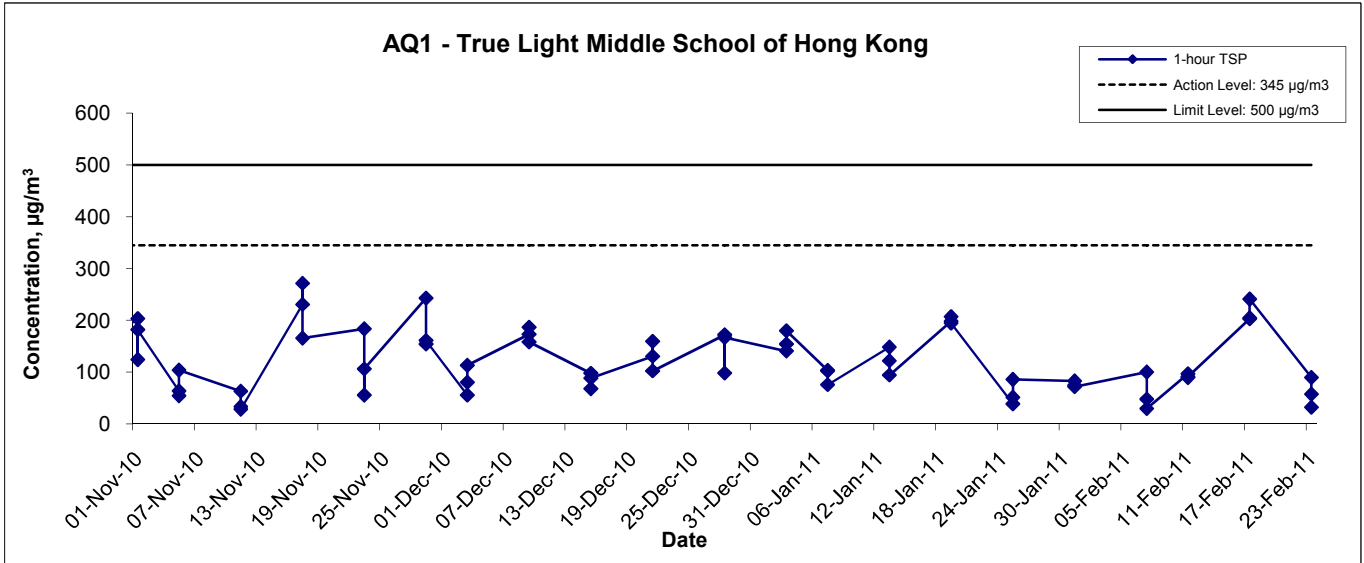
Station AQ1 (True Light Middle School of Hong Kong)

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			
7-Feb-11	9:00	Sunny	291.9	764.0	3.1409	3.1480	0.0071	5905.3	5906.3	1.0	1.18	1.18	1.18	71.0	100.0
7-Feb-11	10:00	Sunny	292.1	763.8	3.1514	3.1548	0.0034	5906.3	5907.3	1.0	1.18	1.18	1.18	70.9	47.9
7-Feb-11	11:00	Sunny	292.2	763.6	3.1702	3.1723	0.0021	5907.3	5908.3	1.0	1.18	1.18	1.18	70.9	29.6
11-Feb-11	9:00	Sunny	289.3	766.2	3.1698	3.1767	0.0069	5932.3	5933.3	1.0	1.19	1.19	1.19	71.4	96.7
11-Feb-11	10:00	Sunny	289.5	766.1	3.1449	3.1513	0.0064	5933.3	5934.3	1.0	1.19	1.19	1.19	71.3	89.7
11-Feb-11	11:00	Sunny	289.7	765.9	3.1395	3.1460	0.0065	5934.3	5935.3	1.0	1.19	1.19	1.19	71.3	91.2
17-Feb-11	9:00	Cloudy	288.3	765.7	3.1162	3.1307	0.0145	5959.3	5960.3	1.0	1.19	1.19	1.19	71.5	202.9
17-Feb-11	10:00	Cloudy	288.5	765.5	3.1580	3.1726	0.0146	5960.3	5961.3	1.0	1.19	1.19	1.19	71.4	204.4
17-Feb-11	11:00	Cloudy	288.7	765.3	3.1697	3.1869	0.0172	5961.3	5962.3	1.0	1.19	1.19	1.19	71.4	240.9
23-Feb-11	9:00	Cloudy	289.3	767.7	3.1856	3.1920	0.0064	5986.3	5987.3	1.0	1.19	1.19	1.19	71.4	89.6
23-Feb-11	10:00	Cloudy	289.3	767.7	3.1661	3.1684	0.0023	5987.3	5988.3	1.0	1.19	1.19	1.19	71.4	32.2
23-Feb-11	11:00	Cloudy	289.3	767.7	3.1631	3.1672	0.0041	5988.3	5989.3	1.0	1.19	1.19	1.19	71.4	57.4
														Min	29.6
														Max	240.9
														Average	106.9

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
7-Feb-11	13:00	Sunny	181.7
7-Feb-11	14:00	Sunny	182.0
7-Feb-11	15:00	Sunny	181.2
11-Feb-11	13:00	Sunny	206.5
11-Feb-11	14:00	Sunny	205.9
11-Feb-11	15:00	Sunny	206.1
17-Feb-11	13:05	Cloudy	239.3
17-Feb-11	14:05	Cloudy	238.7
17-Feb-11	15:05	Cloudy	239.8
23-Feb-11	13:00	Cloudy	98.1
23-Feb-11	14:00	Cloudy	98.2
23-Feb-11	15:00	Cloudy	97.7
		Average	181.3
		Maximum	239.8
		Minimum	97.7

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 Feb 11	Appendix E	