

Appendix E - 1-hour TSP Monitoring Results

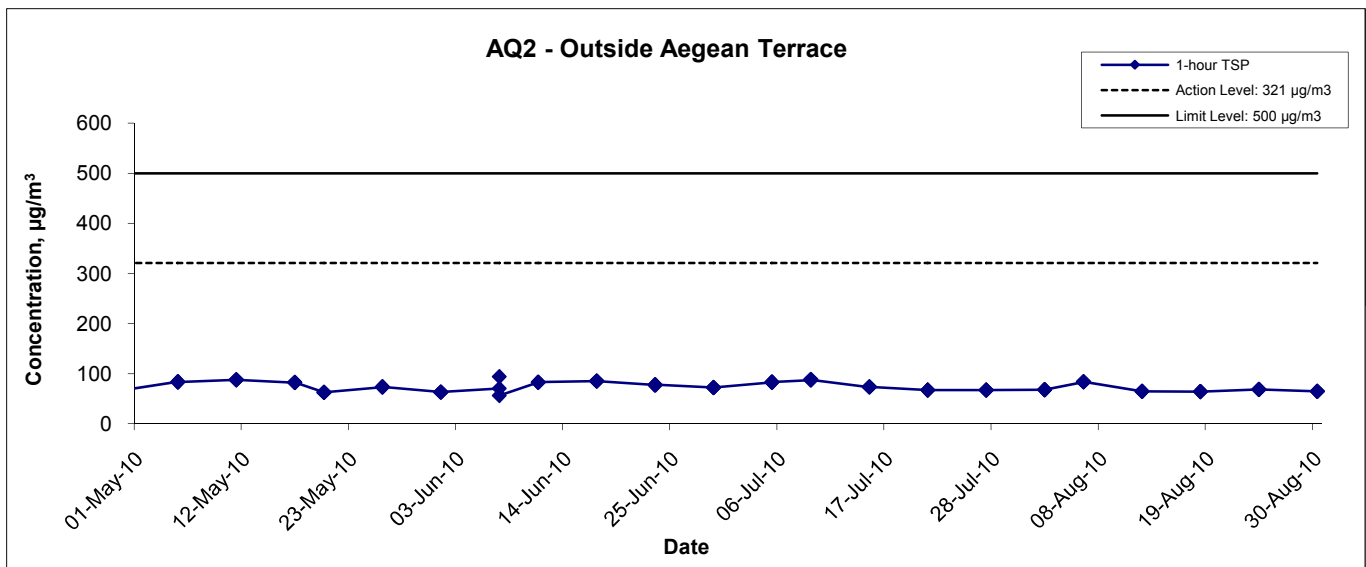
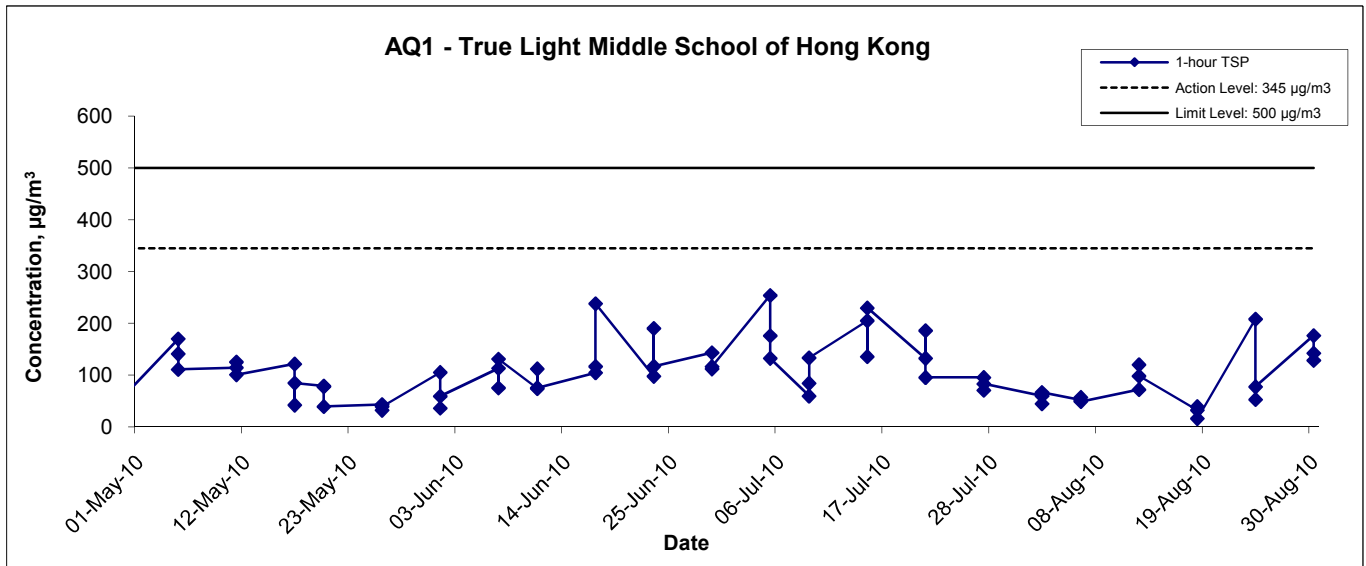
Station AQ1 (True Light Middle School of Hong Kong)

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-Aug-10	09:00	Sunny	302.9	760.6	3.1680	3.1724	0.0044	5045.3	5046.3	1.0	1.22	1.22	1.22	73.2	60.1
2-Aug-10	10:00	Sunny	302.9	760.6	3.1573	3.1606	0.0033	5046.3	5047.3	1.0	1.22	1.22	1.22	73.2	45.1
2-Aug-10	11:00	Sunny	302.9	760.6	3.1742	3.1791	0.0049	5047.3	5048.3	1.0	1.22	1.22	1.22	73.2	67.0
6-Aug-10	09:00	Sunny	300.3	757.6	3.1809	3.1847	0.0038	5048.3	5049.3	1.0	1.22	1.22	1.22	73.3	51.8
6-Aug-10	10:00	Sunny	300.4	757.5	3.1874	3.1916	0.0042	5049.3	5050.3	1.0	1.22	1.22	1.22	73.3	57.3
6-Aug-10	11:00	Sunny	300.5	757.3	3.1835	3.1871	0.0036	5050.3	5051.3	1.0	1.22	1.22	1.22	73.3	49.1
12-Aug-10	09:00	Sunny	302.1	760.2	3.1233	3.1286	0.0053	5075.3	5076.3	1.0	1.22	1.22	1.22	73.2	72.4
12-Aug-10	10:00	Sunny	302.3	760.1	3.1207	3.1295	0.0088	5076.3	5077.3	1.0	1.22	1.22	1.22	73.2	120.2
12-Aug-10	11:00	Sunny	302.3	760.3	3.2161	3.2233	0.0072	5077.3	5078.3	1.0	1.22	1.22	1.22	73.2	98.3
18-Aug-10	09:00	Sunny	300.3	761.6	3.1822	3.1846	0.0024	5102.3	5103.3	1.0	1.23	1.23	1.23	73.5	32.6
18-Aug-10	10:00	Sunny	300.6	761.4	3.1826	3.1855	0.0029	5103.3	5104.3	1.0	1.23	1.22	1.22	73.5	39.5
18-Aug-10	11:00	Sunny	300.9	761.3	3.1806	3.1818	0.0012	5104.3	5105.3	1.0	1.22	1.22	1.22	73.4	16.3
24-Aug-10	10:00	Sunny	300.6	760.2	3.1723	3.1876	0.0153	5129.3	5130.3	1.0	1.22	1.22	1.22	73.4	208.4
24-Aug-10	12:00	Sunny	301.0	759.8	3.2214	3.2253	0.0039	5130.3	5131.3	1.0	1.22	1.22	1.22	73.4	53.2
24-Aug-10	14:00	Sunny	301.5	759.9	3.2235	3.2292	0.0057	5131.3	5132.3	1.0	1.22	1.22	1.22	73.3	77.8
30-Aug-10	09:00	Sunny	302.1	756.3	3.1853	3.1982	0.0129	5156.3	5157.3	1.0	1.22	1.22	1.22	73.1	176.5
30-Aug-10	10:00	Sunny	302.3	756.1	3.1664	3.1758	0.0094	5157.3	5158.3	1.0	1.22	1.22	1.22	73.0	128.7
30-Aug-10	11:00	Sunny	302.5	755.9	3.1958	3.2062	0.0104	5158.3	5159.3	1.0	1.22	1.22	1.22	73.0	142.5
														Min	16.3
														Max	208.4
														Average	83.2

Appendix E - 1-hour TSP Monitoring Results

Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
2-Aug-10	13:10	Sunny	68.1
2-Aug-10	14:10	Sunny	67.7
2-Aug-10	15:10	Sunny	68.0
6-Aug-10	13:00	Sunny	83.3
6-Aug-10	14:00	Sunny	83.7
6-Aug-10	15:00	Sunny	83.8
12-Aug-10	13:05	Sunny	64.9
12-Aug-10	14:05	Sunny	64.6
12-Aug-10	15:05	Sunny	64.5
18-Aug-10	13:10	Sunny	64.1
18-Aug-10	14:10	Sunny	64.4
18-Aug-10	15:10	Sunny	63.9
24-Aug-10	13:15	Sunny	68.3
24-Aug-10	14:15	Sunny	68.6
24-Aug-10	15:15	Sunny	68.4
30-Aug-10	13:10	Sunny	64.9
30-Aug-10	14:10	Sunny	64.5
30-Aug-10	15:10	Sunny	64.7
		Average	68.9
		Maximum	83.8
		Minimum	63.9

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 Aug 10	Appendix E	