

## Appendix F - 24-hour TSP Monitoring Results

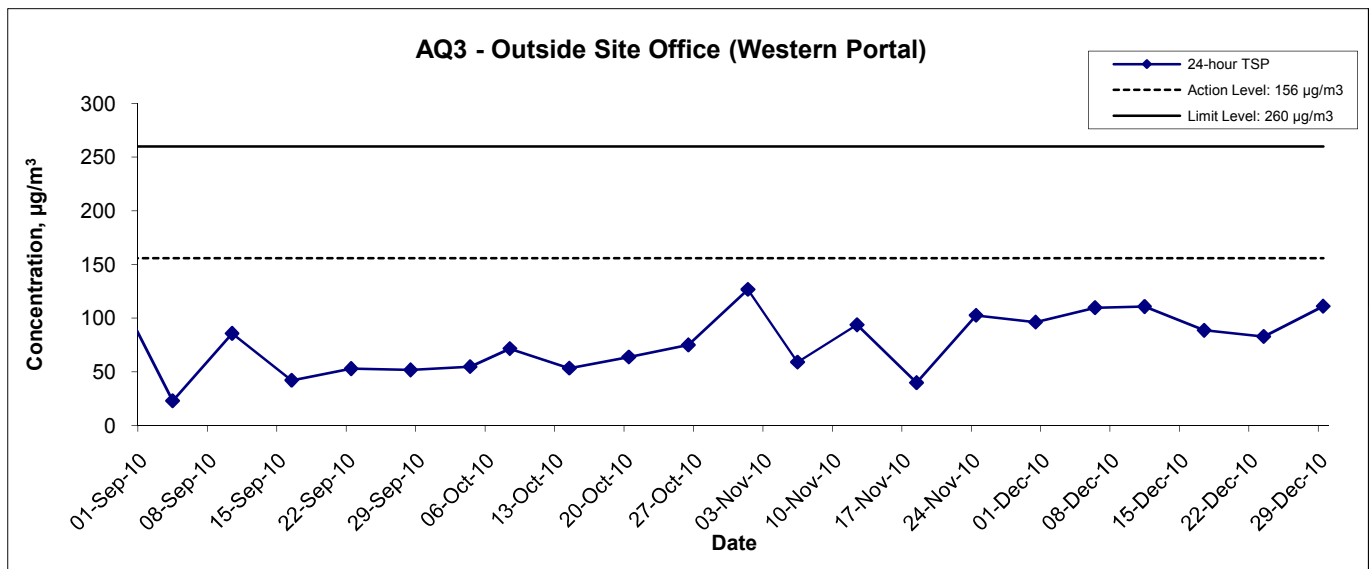
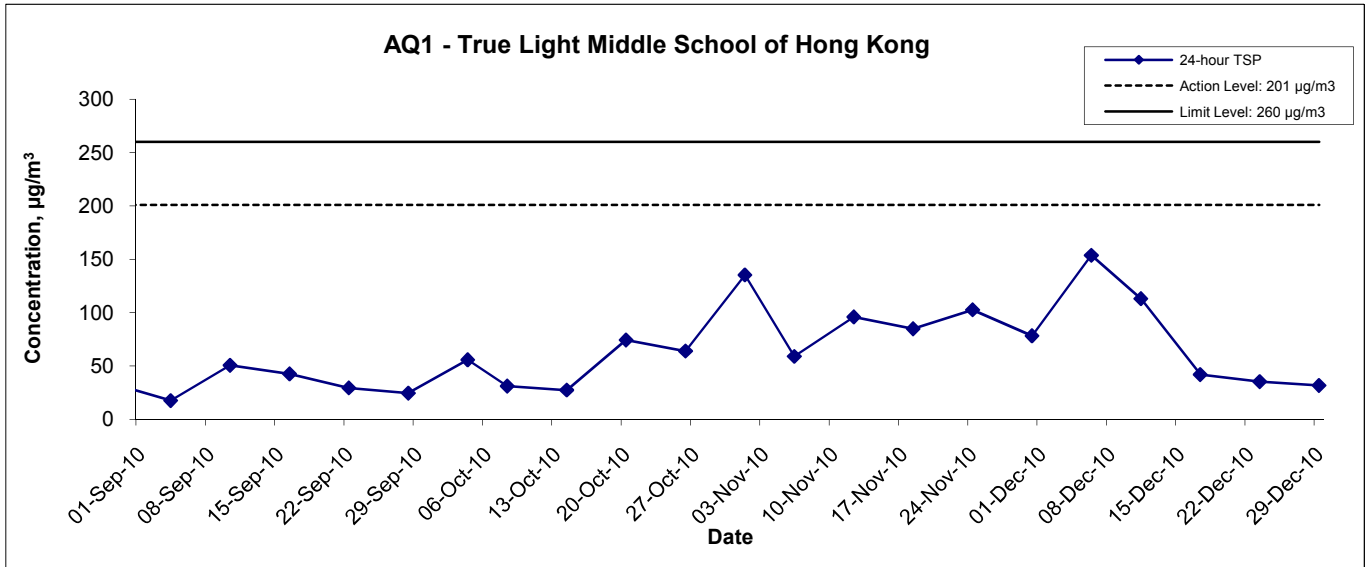
### Station AQ1 - True Light Middle School of Hong Kong

Start Date	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			
6-Dec-10	Sunny	292.9	767.4	3.1527	3.4239	0.2712	5615.3	5639.3	24.0	1.23	1.23	1.23	1764.9	153.7
11-Dec-10	Cloudy	292.4	763.1	3.2146	3.4137	0.1991	5641.3	5665.3	24.0	1.22	1.22	1.22	1761.8	113.0
17-Dec-10	Sunny	280.6	770.0	3.1721	3.2475	0.0754	5668.3	5692.3	24.0	1.25	1.25	1.25	1803.1	41.8
23-Dec-10	Sunny	290.9	766.0	3.1641	3.2264	0.0623	5695.3	5719.3	24.0	1.23	1.23	1.23	1769.0	35.2
29-Dec-10	Sunny	288.0	766.9	3.1443	3.2005	0.0562	5719.3	5743.3	24.0	1.24	1.23	1.23	1778.3	31.6
													Min	31.6
													Max	153.7
													Average	75.1

### Station AQ3 - Outside Site Office (Western Portal)

Start Date	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			
6-Dec-10	Sunny	292.9	767.4	3.1414	3.3343	0.1929	9539.1	9563.1	24.0	1.22	1.22	1.22	1757.8	109.7
11-Dec-10	Sunny	292.4	763.1	3.1763	3.3706	0.1943	9563.1	9587.1	24.0	1.22	1.22	1.22	1754.7	110.7
17-Dec-10	Sunny	280.6	770.0	3.2047	3.3638	0.1591	9587.1	9611.1	24.0	1.25	1.25	1.25	1795.5	88.6
23-Dec-10	Sunny	290.9	766.0	3.2216	3.3676	0.1460	9611.1	9635.1	24.0	1.22	1.22	1.22	1761.9	82.9
29-Dec-10	Sunny	288.0	766.9	3.1684	3.3652	0.1968	9635.1	9659.1	24.0	1.23	1.23	1.23	1771.0	111.1
													Min	82.9
													Max	111.1
													Average	100.6

### 24-hr TSP Concentration Levels



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of 24-hour TSP Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Dec 10	Appendix F	