

## Appendix F - 24-hour TSP Monitoring Results

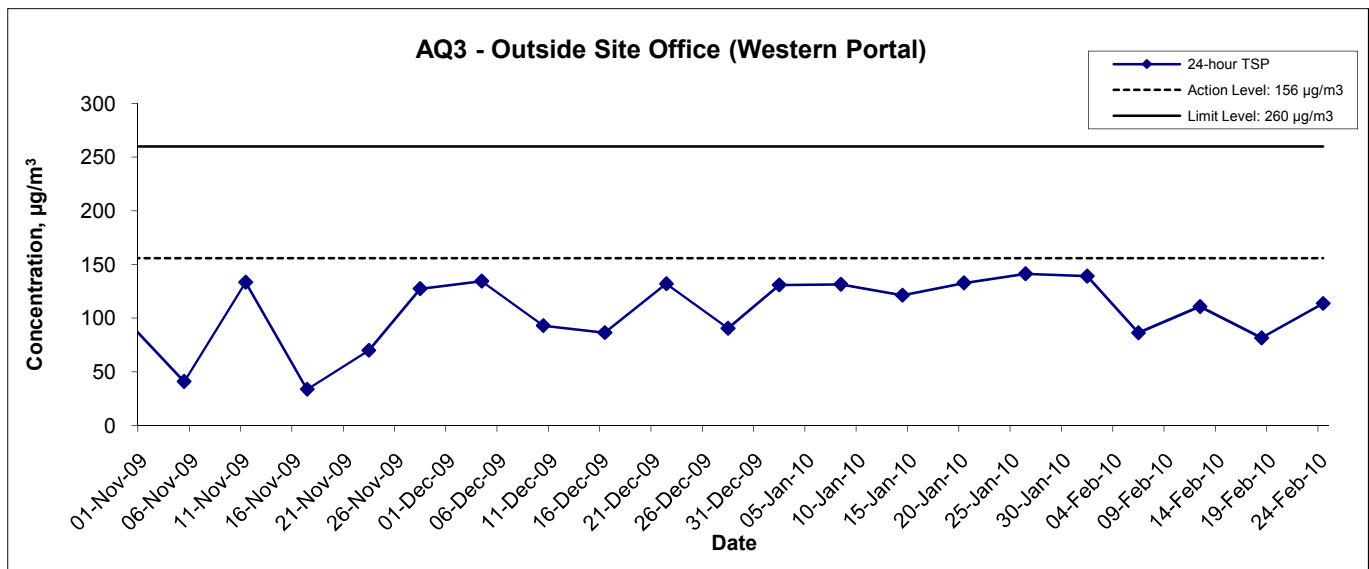
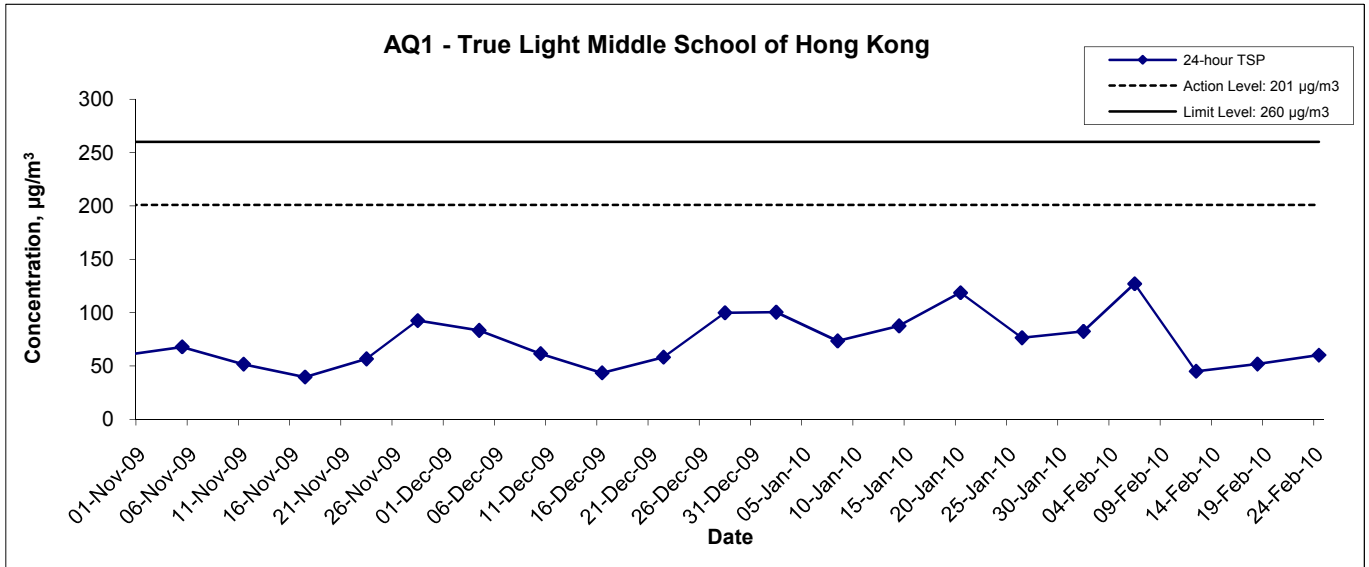
### Station AQ1 - True Light Middle School of Hong Kong

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			
1-Feb-10	Sunny	292.6	765.2	3.1918	3.3363	0.1445	4216.3	4240.3	24.0	1.22	1.22	1.22	1755.4	82.3
6-Feb-10	Cloudy	290.9	766.7	3.3219	3.5457	0.2238	4243.3	4267.3	24.0	1.22	1.22	1.22	1761.7	127.0
12-Feb-10	Cloudy	286.7	768.3	3.3494	3.4290	0.0796	4271.3	4295.3	24.0	1.23	1.23	1.23	1775.4	44.8
18-Feb-10	Cloudy	282.1	770.5	3.2261	3.3186	0.0925	4298.3	4322.3	24.0	1.24	1.24	1.24	1791.3	51.6
24-Feb-10	Cloudy	296.2	759.4	3.3977	3.5021	0.1044	4325.3	4349.3	24.0	1.21	1.21	1.21	1739.2	60.0
													Min	44.8
													Max	127.0
													Average	73.2

### 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			
1-Feb-10	Sunny	292.6	765.2	3.4201	3.6630	0.2429	8219.1	8243.1	24.0	1.21	1.21	1.21	1746.2	139.1
6-Feb-10	Cloudy	290.9	766.7	3.3235	3.4747	0.1512	8243.1	8267.1	24.0	1.22	1.22	1.22	1752.4	86.3
12-Feb-10	Cloudy	287.9	768.6	3.2243	3.4195	0.1952	8267.1	8291.1	24.0	1.22	1.22	1.22	1762.7	110.7
18-Feb-10	Cloudy	281.1	772.1	3.4036	3.5492	0.1456	8291.1	8315.1	24.0	1.24	1.24	1.24	1785.7	81.5
24-Feb-10	Cloudy	294.7	761.5	3.2204	3.4177	0.1973	8315.1	8339.1	24.0	1.21	1.21	1.21	1736.6	113.6
													Min	81.5
													Max	139.1
													Average	106.3

## 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	CINOTECH
	Date Feb 10	Appendix F	