

Appendix E - 1-hour TSP Monitoring Results

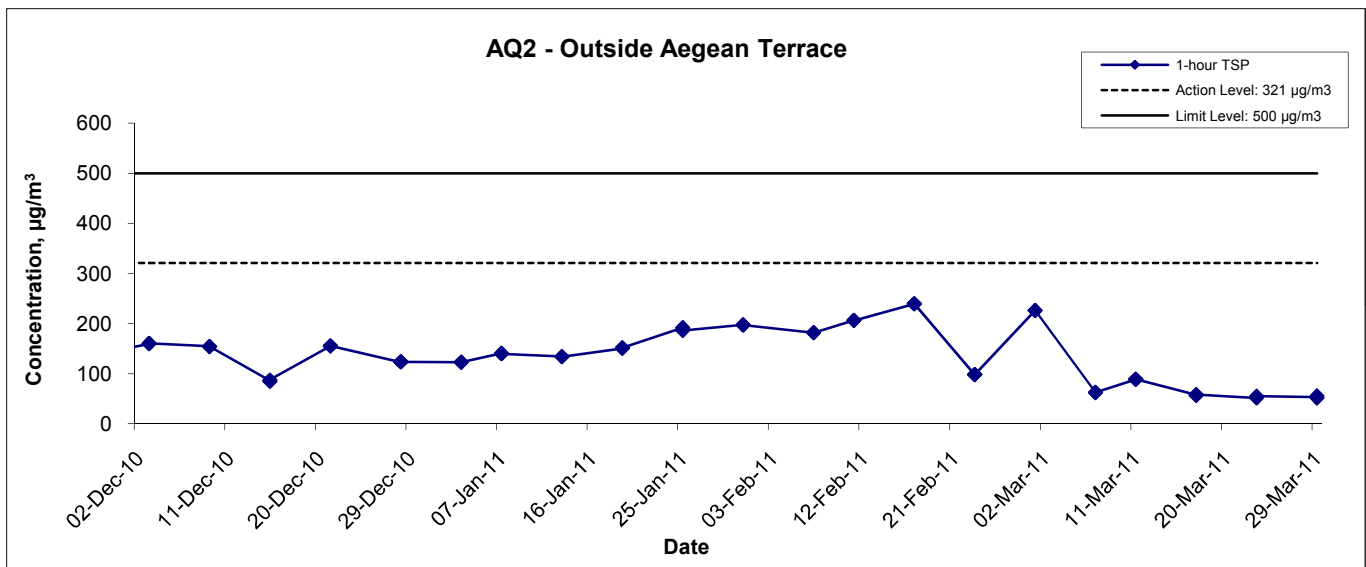
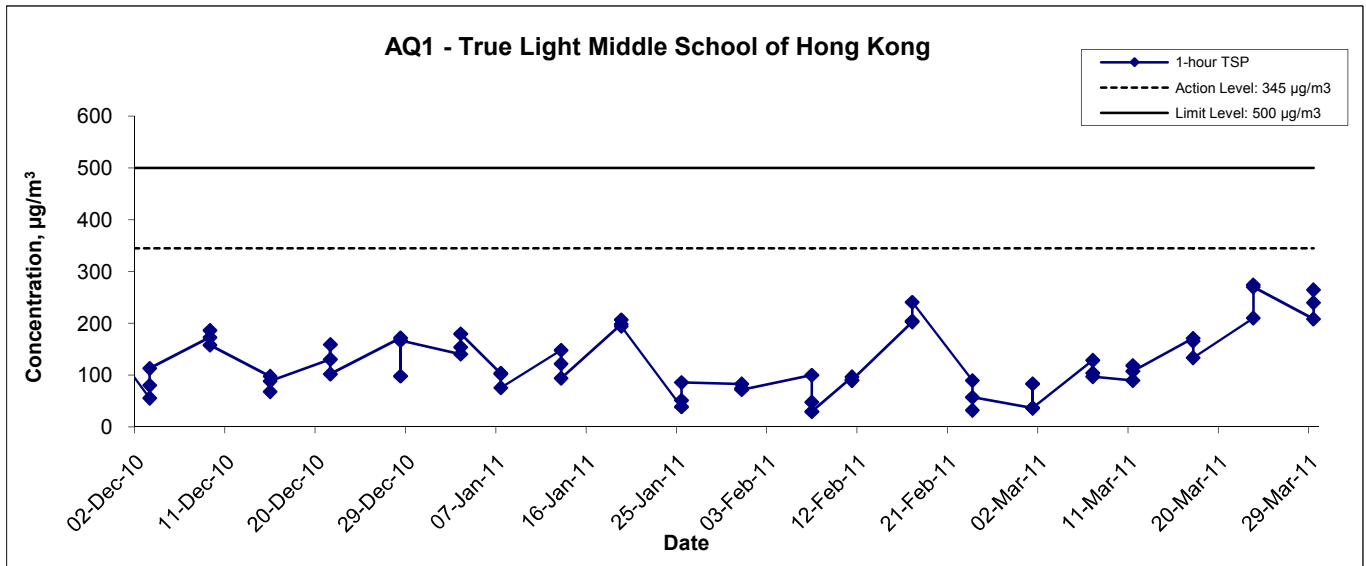
Station AQ1 (True Light Middle School of Hong Kong)

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			
1-Mar-11	9:00	Sunny	292.9	765.1	3.1813	3.1839	0.0026	6013.3	6014.3	1.0	1.18	1.18	1.18	70.9	36.7
1-Mar-11	10:00	Sunny	293.1	764.9	3.2194	3.2253	0.0059	6014.3	6015.3	1.0	1.18	1.18	1.18	70.9	83.2
1-Mar-11	11:00	Sunny	293.3	764.7	3.2035	3.2061	0.0026	6015.3	6016.3	1.0	1.18	1.18	1.18	70.8	36.7
7-Mar-11	9:00	Sunny	291.4	766.3	3.3425	3.3519	0.0094	6040.3	6041.3	1.0	1.22	1.22	1.22	73.1	128.7
7-Mar-11	10:00	Sunny	291.6	766.1	3.3270	3.3346	0.0076	6041.3	6042.3	1.0	1.22	1.22	1.22	73.0	104.1
7-Mar-11	11:00	Sunny	291.8	765.9	3.3715	3.3786	0.0071	6042.3	6043.3	1.0	1.22	1.22	1.22	73.0	97.3
11-Mar-11	9:00	Sunny	288.9	769.1	3.3815	3.3881	0.0066	6067.3	6068.3	1.0	1.22	1.22	1.22	73.5	89.8
11-Mar-11	10:00	Sunny	289.3	768.9	3.3607	3.3694	0.0087	6068.3	6069.3	1.0	1.22	1.22	1.22	73.4	118.5
11-Mar-11	11:00	Sunny	289.5	768.7	3.3581	3.3660	0.0079	6069.3	6070.3	1.0	1.22	1.22	1.22	73.4	107.7
17-Mar-11	10:00	Cloudy	288.1	770.6	3.3912	3.4038	0.0126	6094.3	6095.3	1.0	1.23	1.23	1.23	73.6	171.2
17-Mar-11	11:00	Cloudy	288.3	770.5	3.3739	3.3861	0.0122	6095.3	6096.3	1.0	1.23	1.23	1.23	73.6	165.8
17-Mar-11	13:00	Cloudy	290.1	768.5	3.3621	3.3719	0.0098	6096.3	6097.3	1.0	1.22	1.22	1.22	73.3	133.7
23-Mar-11	11:30	Sunny	287.5	770.2	3.3462	3.3617	0.0155	6121.3	6122.3	1.0	1.23	1.23	1.23	73.7	210.4
23-Mar-11	13:00	Sunny	289.7	767.6	3.3491	3.3692	0.0201	6122.3	6123.3	1.0	1.22	1.22	1.22	73.3	274.2
23-Mar-11	14:00	Sunny	290.1	767.4	3.3666	3.3864	0.0198	6123.3	6124.3	1.0	1.22	1.22	1.22	73.2	270.3
29-Mar-11	13:00	Sunny	293.7	769.3	3.3615	3.3767	0.0152	6148.3	6149.3	1.0	1.22	1.22	1.22	72.9	208.4
29-Mar-11	14:00	Sunny	293.7	769.3	3.3591	3.3784	0.0193	6149.3	6150.3	1.0	1.22	1.22	1.22	72.9	264.6
29-Mar-11	15:00	Sunny	293.7	769.3	3.3593	3.3768	0.0175	6150.3	6151.3	1.0	1.22	1.22	1.22	72.9	240.0
														Min	36.7
														Max	274.2
														Average	152.3

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Mar-11	13:05	Sunny	226.3
1-Mar-11	14:05	Sunny	225.6
1-Mar-11	15:05	Sunny	226.0
7-Mar-11	13:00	Sunny	61.9
7-Mar-11	14:00	Sunny	62.2
7-Mar-11	15:00	Sunny	62.5
11-Mar-11	13:00	Sunny	88.5
11-Mar-11	14:00	Sunny	88.0
11-Mar-11	15:00	Sunny	89.0
17-Mar-11	10:00	Cloudy	57.3
17-Mar-11	11:00	Cloudy	56.0
17-Mar-11	12:00	Cloudy	58.2
23-Mar-11	14:15	Sunny	51.0
23-Mar-11	15:15	Sunny	52.3
23-Mar-11	16:15	Sunny	55.0
29-Mar-11	13:00	Sunny	52.8
29-Mar-11	14:00	Sunny	50.8
29-Mar-11	15:00	Sunny	55.6
		Average	89.9
		Maximum	226.3
		Minimum	50.8

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 Mar 11	Appendix E	