

Appendix E - 1-hour TSP Monitoring Results

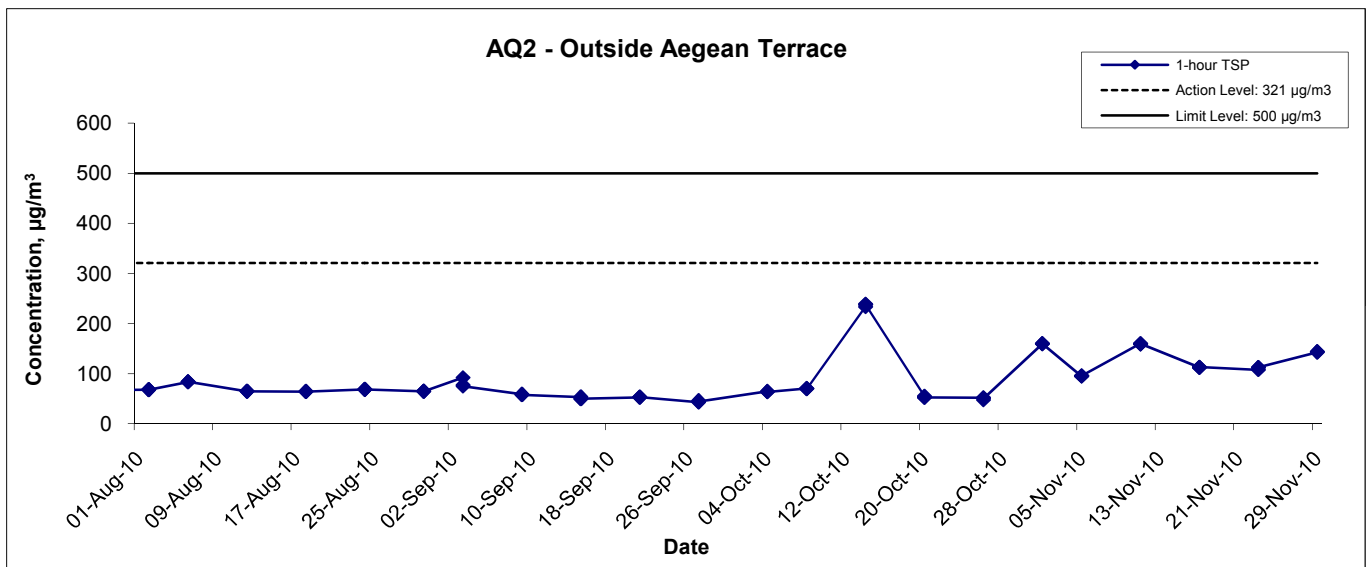
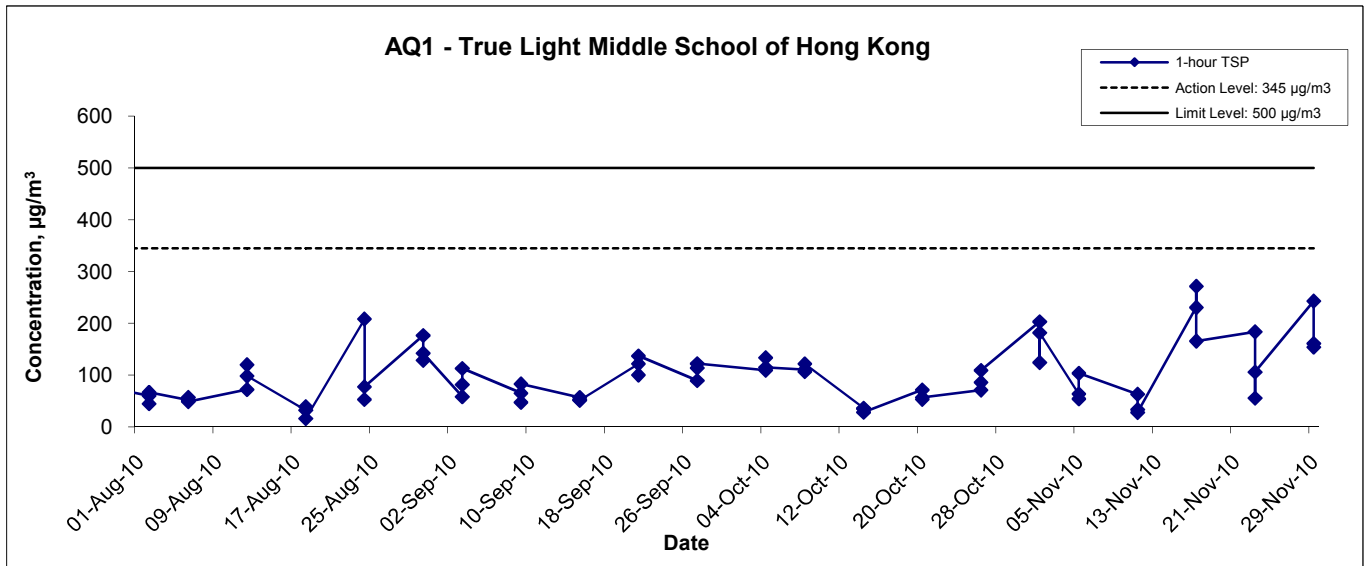
Station AQ1 (True Light Middle School of Hong Kong)

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-Nov-10	09:00	Sunny	293.2	768.5	3.1441	3.1593	0.0152	5450.3	5451.3	1.0	1.25	1.25	1.25	74.8	203.1
1-Nov-10	10:00	Sunny	293.5	768.3	3.1590	3.1683	0.0093	5451.3	5452.3	1.0	1.25	1.25	1.25	74.8	124.3
1-Nov-10	11:00	Sunny	293.7	768.1	3.1714	3.1850	0.0136	5452.3	5453.3	1.0	1.25	1.25	1.25	74.8	181.9
5-Nov-10	09:00	Cloudy	289.5	767.1	3.1845	3.1893	0.0048	5477.3	5478.3	1.0	1.25	1.25	1.25	75.2	63.8
5-Nov-10	10:00	Cloudy	289.7	766.9	3.1781	3.1822	0.0041	5478.3	5479.3	1.0	1.25	1.25	1.25	75.2	54.5
5-Nov-10	11:00	Cloudy	289.9	766.7	3.1725	3.1803	0.0078	5479.3	5480.3	1.0	1.25	1.25	1.25	75.2	103.8
11-Nov-10	09:00	Sunny	294.1	757.2	3.0944	3.0991	0.0047	5504.3	5505.3	1.0	1.24	1.24	1.24	74.2	63.3
11-Nov-10	10:00	Sunny	294.3	757.1	3.1145	3.1170	0.0025	5505.3	5506.3	1.0	1.24	1.24	1.24	74.2	33.7
11-Nov-10	11:00	Sunny	294.5	756.9	3.1252	3.1273	0.0021	5506.3	5507.3	1.0	1.24	1.24	1.24	74.2	28.3
17-Nov-10	09:00	Sunny	291.3	767.6	3.1547	3.1717	0.0170	5531.3	5532.3	1.0	1.23	1.23	1.23	73.7	230.6
17-Nov-10	10:00	Sunny	291.5	767.5	3.1667	3.1867	0.0200	5532.3	5533.3	1.0	1.23	1.23	1.23	73.7	271.3
17-Nov-10	11:00	Sunny	291.7	767.3	3.1823	3.1945	0.0122	5533.3	5534.3	1.0	1.23	1.23	1.23	73.7	165.6
23-Nov-10	09:00	Sunny	292.0	764.8	3.2127	3.2262	0.0135	5558.3	5559.3	1.0	1.23	1.23	1.23	73.5	183.6
23-Nov-10	10:00	Sunny	292.2	764.7	3.2005	3.2046	0.0041	5559.3	5560.3	1.0	1.23	1.23	1.23	73.5	55.8
23-Nov-10	11:00	Sunny	292.3	764.5	3.2150	3.2228	0.0078	5560.3	5561.3	1.0	1.22	1.22	1.22	73.5	106.1
29-Nov-10	09:00	Sunny	294.5	766.7	3.1866	3.2044	0.0178	5585.3	5586.3	1.0	1.22	1.22	1.22	73.3	242.8
29-Nov-10	10:00	Sunny	294.7	766.6	3.1622	3.1735	0.0113	5586.3	5587.3	1.0	1.22	1.22	1.22	73.3	154.2
29-Nov-10	11:00	Sunny	294.9	766.4	3.1206	3.1324	0.0118	5587.3	5588.3	1.0	1.22	1.22	1.22	73.3	161.1
														Min	28.3
														Max	271.3
														Average	134.9

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
1-Nov-10	13:10	Sunny	159.4
1-Nov-10	14:10	Sunny	159.9
1-Nov-10	15:10	Sunny	160.1
5-Nov-10	13:10	Rainy	94.9
5-Nov-10	14:10	Rainy	95.5
5-Nov-10	15:10	Rainy	95.3
11-Nov-10	13:15	Sunny	159.9
11-Nov-10	14:15	Sunny	159.1
11-Nov-10	15:15	Sunny	159.5
17-Nov-10	13:15	Sunny	112.2
17-Nov-10	14:15	Sunny	112.5
17-Nov-10	15:15	Sunny	112.9
23-Nov-10	13:20	Sunny	107.6
23-Nov-10	14:20	Sunny	112.2
23-Nov-10	15:20	Sunny	112.5
29-Nov-10	13:15	Sunny	142.5
29-Nov-10	14:15	Sunny	144.0
29-Nov-10	15:15	Sunny	143.9
		Average	130.2
		Maximum	160.1
		Minimum	94.9

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 Nov 10	Appendix E	