

Appendix E - 1-hour TSP Monitoring Results

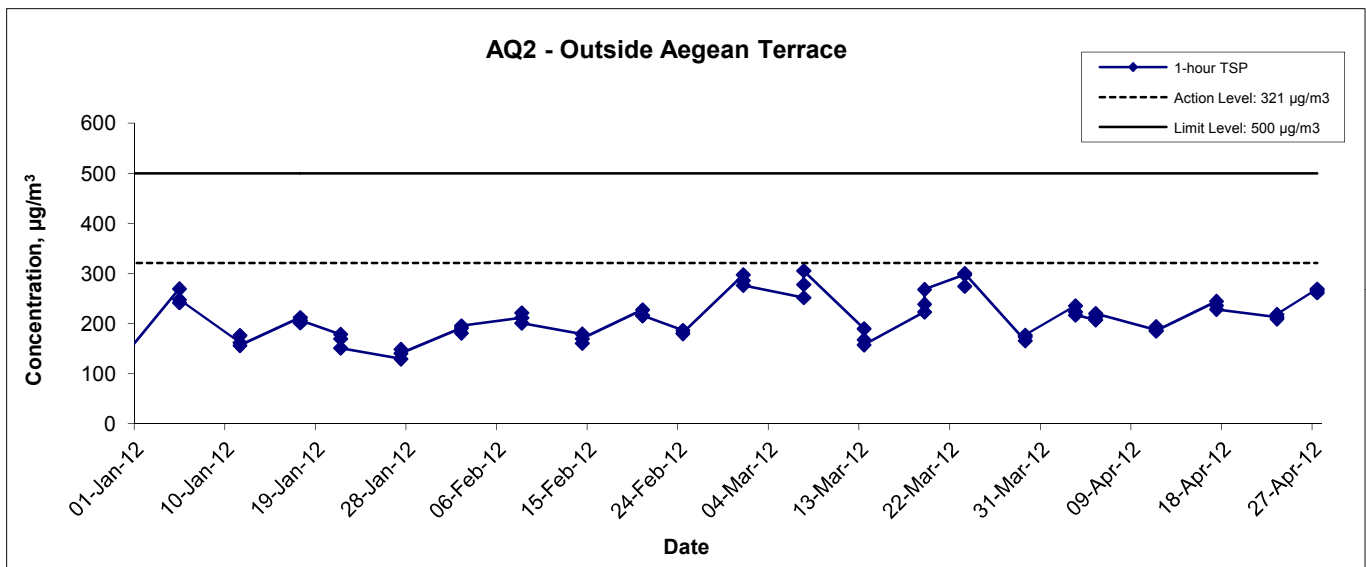
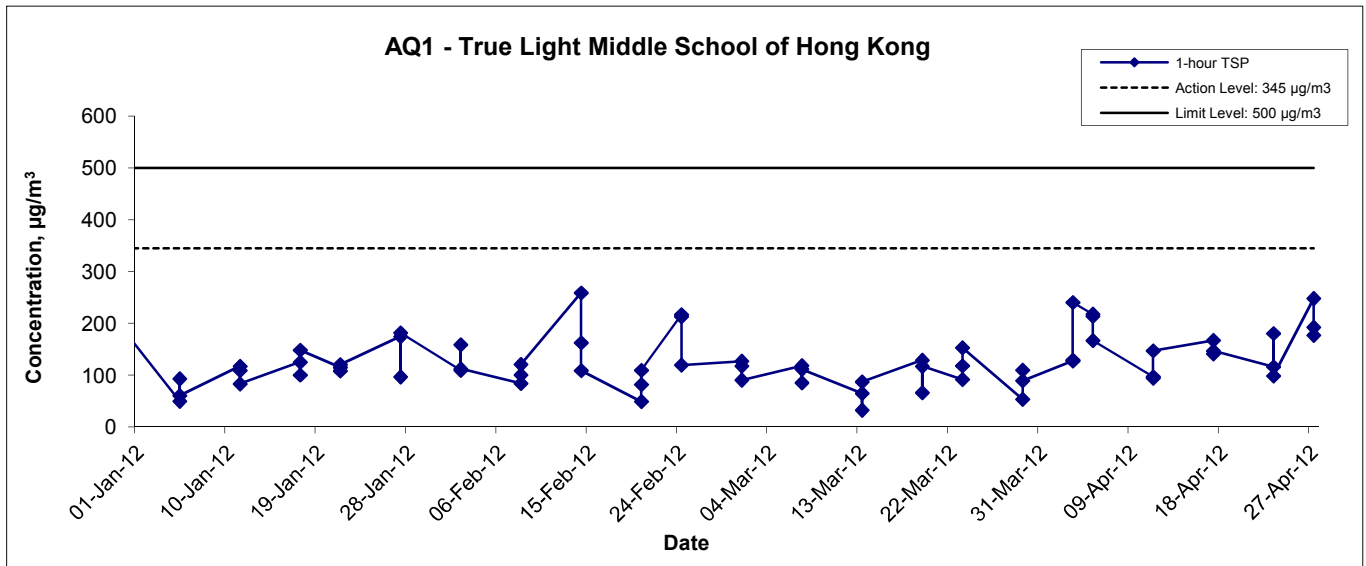
Station AQ1 (True Light Middle School of Hong Kong)

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			
3-Apr-12	10:40	Cloudy	298.5	766.7	3.2111	3.2203	0.0092	7883.3	7884.3	1.0	1.20	1.20	1.20	72.2	127.5
3-Apr-12	15:20	Cloudy	299.4	764.2	3.1865	3.1958	0.0093	7884.3	7885.3	1.0	1.20	1.20	1.20	71.9	129.3
3-Apr-12	17:00	Cloudy	299.1	764.4	3.2126	3.2299	0.0173	7885.3	7886.3	1.0	1.20	1.20	1.20	72.0	240.3
5-Apr-12	9:00	Cloudy	294.1	763.9	3.1762	3.1920	0.0158	7886.3	7887.3	1.0	1.21	1.21	1.21	72.5	217.8
5-Apr-12	10:10	Cloudy	294.3	763.7	3.1941	3.2096	0.0155	7887.3	7888.3	1.0	1.21	1.21	1.21	72.5	213.8
5-Apr-12	13:20	Cloudy	293.7	762.9	3.1935	3.2056	0.0121	7888.3	7889.3	1.0	1.21	1.21	1.21	72.5	166.8
11-Apr-12	9:00	Sunny	297.3	763.0	3.1404	3.1474	0.0070	7913.3	7914.3	1.0	1.20	1.20	1.20	72.1	97.1
11-Apr-12	10:05	Sunny	297.5	762.8	3.1370	3.1438	0.0068	7914.3	7915.3	1.0	1.20	1.20	1.20	72.1	94.3
11-Apr-12	11:10	Sunny	297.7	762.6	3.1235	3.1341	0.0106	7915.3	7916.3	1.0	1.20	1.20	1.20	72.1	147.1
17-Apr-12	9:00	Rainy	293.4	761.1	3.1622	3.1745	0.0123	7940.3	7941.3	1.0	1.23	1.23	1.23	73.6	167.2
17-Apr-12	10:10	Rainy	293.6	760.9	3.2684	3.2788	0.0104	7941.3	7942.3	1.0	1.23	1.23	1.23	73.6	141.4
17-Apr-12	13:20	Rainy	293.2	758.8	3.2659	3.2767	0.0108	7942.3	7943.3	1.0	1.23	1.22	1.23	73.5	146.9
23-Apr-12	9:00	Cloudy	297.1	760.4	3.2576	3.2661	0.0085	7967.3	7968.3	1.0	1.22	1.22	1.22	73.1	116.2
23-Apr-12	10:10	Cloudy	297.4	760.3	3.2731	3.2863	0.0132	7968.3	7969.3	1.0	1.22	1.22	1.22	73.1	180.5
23-Apr-12	13:00	Cloudy	297.6	760.1	3.2364	3.2436	0.0072	7969.3	7970.3	1.0	1.22	1.22	1.22	73.1	98.5
27-Apr-12	9:00	Cloudy	295.2	761.0	3.2995	3.3177	0.0182	7994.3	7995.3	1.0	1.22	1.22	1.22	73.4	248.0
27-Apr-12	10:35	Cloudy	295.4	760.8	3.2983	3.3113	0.0130	7995.3	7996.3	1.0	1.22	1.22	1.22	73.3	177.2
27-Apr-12	14:35	Cloudy	295.6	758.5	3.2836	3.2977	0.0141	7996.3	7997.3	1.0	1.22	1.22	1.22	73.2	192.6
														Min	94.3
														Max	248.0
														Average	161.3

Appendix E - 1-hour TSP Monitoring Results

Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
3-Apr-12	15:50	Cloudy	235.5
3-Apr-12	16:50	Cloudy	223.3
3-Apr-12	17:50	Cloudy	217.0
5-Apr-12	9:00	Cloudy	207.3
5-Apr-12	10:00	Cloudy	213.4
5-Apr-12	11:00	Cloudy	220.0
11-Apr-12	9:00	Sunny	187.1
11-Apr-12	10:00	Sunny	193.8
11-Apr-12	11:00	Sunny	185.2
17-Apr-12	14:00	Rainy	244.3
17-Apr-12	15:00	Rainy	236.0
17-Apr-12	16:00	Rainy	228.4
23-Apr-12	9:00	Cloudy	213.0
23-Apr-12	10:00	Cloudy	209.4
23-Apr-12	11:00	Cloudy	218.3
27-Apr-12	9:00	Cloudy	269.1
27-Apr-12	10:00	Cloudy	265.8
27-Apr-12	11:00	Cloudy	261.4
		Average	223.8
		Maximum	269.1
		Minimum	185.2

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 Apr 12	Appendix E	