

Appendix E - 1-hour TSP Monitoring Results

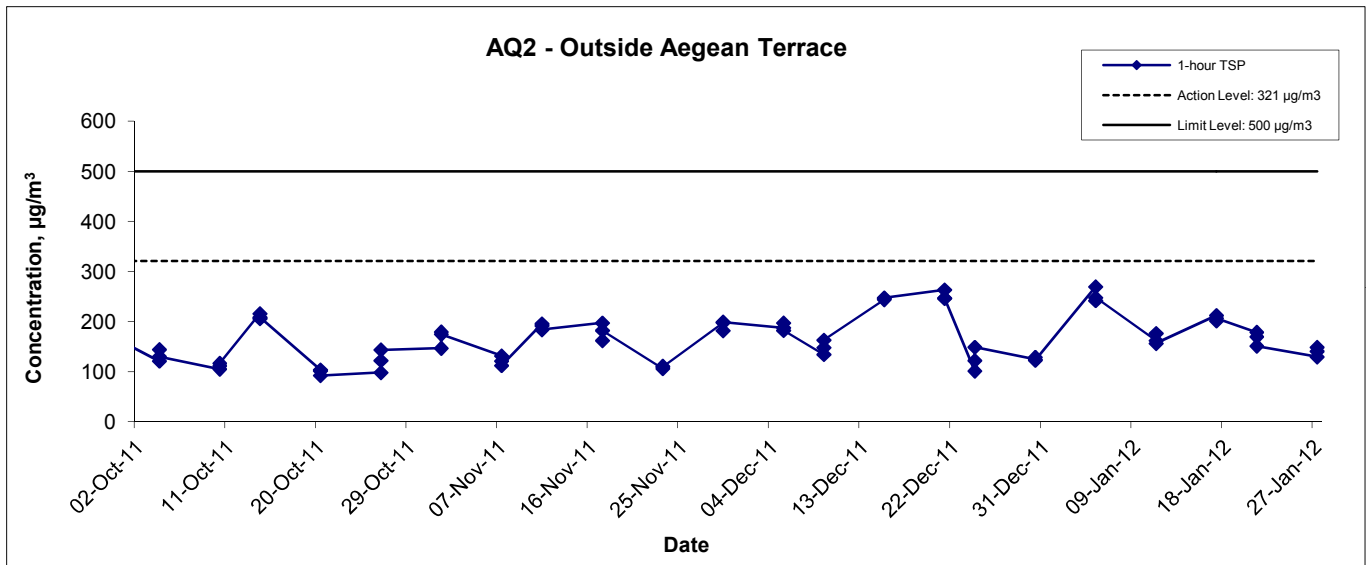
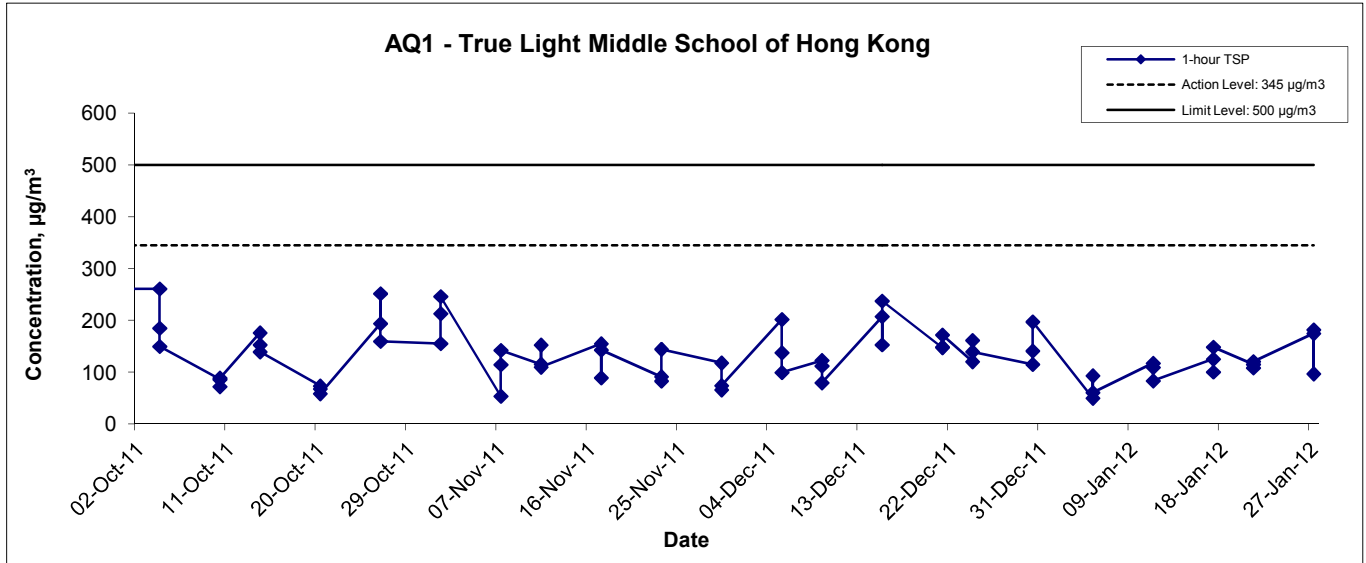
Station AQ1 (True Light Middle School of Hong Kong)

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			
5-Jan-12	13:00	Cloudy	282.0	769.7	3.2879	3.2916	0.0037	7475.3	7476.3	1.0	1.24	1.24	1.24	74.1	49.9
5-Jan-12	14:30	Cloudy	282.0	769.6	3.2796	3.2865	0.0069	7476.3	7477.3	1.0	1.24	1.24	1.24	74.1	93.1
5-Jan-12	16:00	Cloudy	282.3	769.4	3.2821	3.2866	0.0045	7477.3	7478.3	1.0	1.23	1.23	1.23	74.1	60.7
11-Jan-12	13:15	Cloudy	289.9	770.3	3.2452	3.2538	0.0086	7502.3	7503.3	1.0	1.22	1.22	1.22	73.2	117.4
11-Jan-12	14:55	Cloudy	290.0	770.1	3.2597	3.2677	0.0080	7503.3	7504.3	1.0	1.22	1.22	1.22	73.2	109.2
11-Jan-12	16:05	Cloudy	290.2	769.9	3.2815	3.2876	0.0061	7504.3	7505.3	1.0	1.22	1.22	1.22	73.2	83.3
17-Jan-12	11:30	Sunny	287.4	765.7	3.1053	3.1145	0.0092	7529.3	7530.3	1.0	1.22	1.22	1.22	73.3	125.5
17-Jan-12	13:45	Sunny	291.3	763.1	3.2804	3.2877	0.0073	7530.3	7531.3	1.0	1.21	1.21	1.21	72.8	100.3
17-Jan-12	16:10	Sunny	291.8	762.6	3.2898	3.3006	0.0108	7531.3	7532.3	1.0	1.21	1.21	1.21	72.7	148.5
21-Jan-12	13:00	Cloudy	289.5	763.3	3.1095	3.1179	0.0084	7556.3	7557.3	1.0	1.22	1.22	1.22	73.0	115.1
21-Jan-12	14:05	Cloudy	289.7	763.1	3.1026	3.1105	0.0079	7557.3	7558.3	1.0	1.22	1.22	1.22	73.0	108.3
21-Jan-12	15:10	Cloudy	289.9	762.9	3.1038	3.1126	0.0088	7558.3	7559.3	1.0	1.22	1.22	1.22	72.9	120.7
27-Jan-12	13:00	Cloudy	288.1	764.7	3.1018	3.1146	0.0128	7583.3	7584.3	1.0	1.22	1.22	1.22	73.2	174.8
27-Jan-12	14:00	Cloudy	288.3	764.5	3.0917	3.0988	0.0071	7584.3	7585.3	1.0	1.22	1.22	1.22	73.2	97.0
27-Jan-12	15:00	Cloudy	288.5	764.3	3.1276	3.1409	0.0133	7585.3	7586.3	1.0	1.22	1.22	1.22	73.2	181.8
														Min	49.9
														Max	181.8
														Average	112.4

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ($\mu\text{g}/\text{m}^3$)
5-Jan-12	9:00	Cloudy	269.4
5-Jan-12	10:00	Cloudy	241.6
5-Jan-12	11:00	Cloudy	247.8
11-Jan-12	9:00	Cloudy	162.1
11-Jan-12	10:00	Cloudy	176.5
11-Jan-12	11:00	Cloudy	156.4
17-Jan-12	9:00	Sunny	212.1
17-Jan-12	10:00	Sunny	201.3
17-Jan-12	11:00	Sunny	206.6
21-Jan-12	9:00	Cloudy	178.5
21-Jan-12	10:00	Cloudy	169.7
21-Jan-12	11:00	Cloudy	151.0
27-Jan-12	9:00	Cloudy	129.5
27-Jan-12	10:00	Cloudy	148.6
27-Jan-12	11:00	Cloudy	140.7
		Average	186.1
		Maximum	269.4
		Minimum	129.5

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 Jan 12	Appendix E	