

## Appendix E - 1-hour TSP Monitoring Results

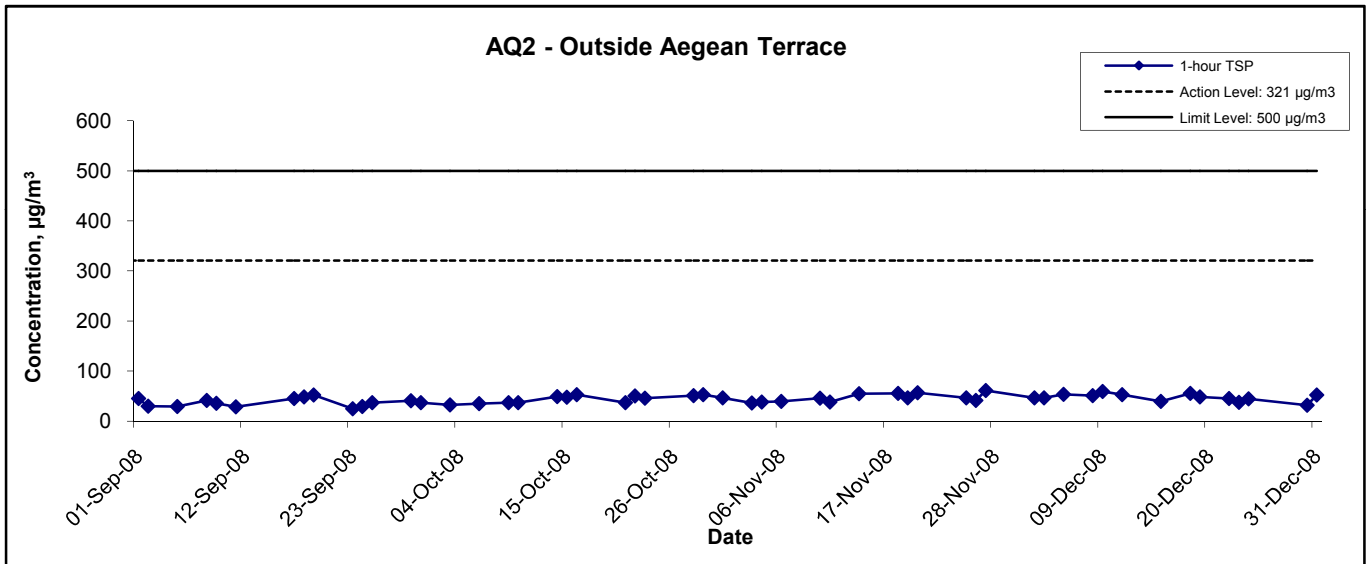
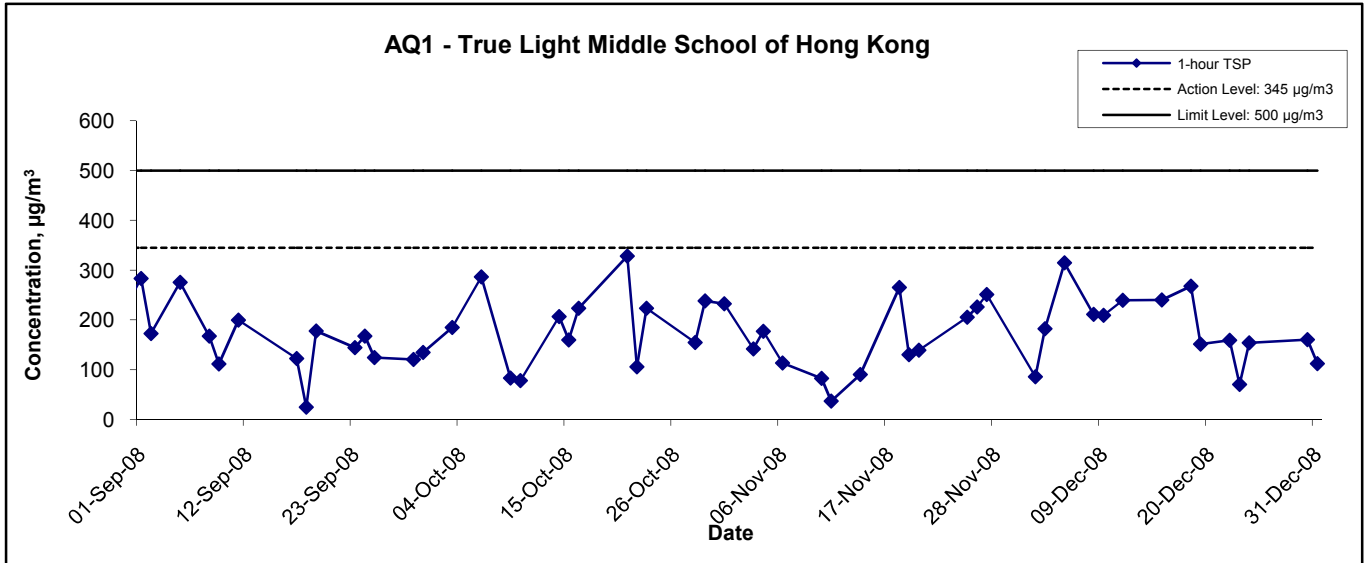
### Station AQ1 (True Light Middle School of Hong Kong)

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 <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			
2-Dec-08	14:30	Sunny	295.4	765.8	2.8434	2.8497	0.0063	2309.3	2310.3	1.0	1.23	1.23	1.23	73.7	85.5
3-Dec-08	09:00	Sunny	292.1	766.0	2.8289	2.8424	0.0135	2310.3	2311.3	1.0	1.23	1.23	1.23	74.1	182.3
5-Dec-08	09:00	Sunny	289.6	772.5	2.7641	2.7876	0.0235	2311.3	2312.3	1.0	1.24	1.24	1.24	74.7	314.8
8-Dec-08	14:30	Sunny	294.6	767.1	2.8822	2.8978	0.0156	2336.3	2337.3	1.0	1.23	1.23	1.23	73.8	211.3
9-Dec-08	09:00	Sunny	288.1	768.2	2.8574	2.8730	0.0156	2337.3	2338.3	1.0	1.24	1.24	1.24	74.6	209.0
11-Dec-08	09:00	Sunny	290.0	767.5	2.8541	2.8719	0.0178	2338.3	2339.3	1.0	1.24	1.24	1.24	74.4	239.3
15-Dec-08	15:30	Sunny	291.3	767.1	2.8370	2.8545	0.0175	2363.3	2364.3	1.0	1.22	1.22	1.22	73.0	239.7
18-Dec-08	09:00	Sunny	290.0	769.4	2.8392	2.8588	0.0196	2364.3	2365.3	1.0	1.22	1.22	1.22	73.3	267.5
19-Dec-08	17:00	Sunny	294.1	765.3	2.8748	2.8858	0.0110	2389.3	2390.3	1.0	1.21	1.21	1.21	72.6	151.5
22-Dec-08	09:00	Sunny	288.9	771.5	2.8941	2.9058	0.0117	2390.3	2391.3	1.0	1.23	1.22	1.22	73.5	159.2
23-Dec-08	09:00	Sunny	283.1	772.7	2.8566	2.8618	0.0052	2391.3	2392.3	1.0	1.24	1.24	1.24	74.2	70.1
24-Dec-08	16:00	Sunny	293.3	766.1	2.7975	2.8087	0.0112	2416.3	2417.3	1.0	1.21	1.21	1.21	72.7	154.0
30-Dec-08	16:00	Cloudy	290.0	766.7	2.8337	2.8454	0.0117	2441.3	2442.3	1.0	1.22	1.22	1.22	73.1	159.9
31-Dec-08	09:00	Cloudy	285.1	771.2	2.8300	2.8383	0.0083	2442.3	2443.3	1.0	1.23	1.23	1.23	73.9	112.3
														Min	70.1
														Max	314.8
														Average	182.6

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
2-Dec-08	16:00	Sunny	46.7
3-Dec-08	14:15	Sunny	46.7
5-Dec-08	16:10	Sunny	54.0
8-Dec-08	16:00	Sunny	51.1
9-Dec-08	15:00	Sunny	59.3
11-Dec-08	16:00	Sunny	53.0
15-Dec-08	16:50	Sunny	39.7
18-Dec-08	15:00	Sunny	55.6
19-Dec-08	15:00	Sunny	49.0
22-Dec-08	15:00	Sunny	45.5
23-Dec-08	13:30	Sunny	37.8
24-Dec-08	15:00	Sunny	44.9
30-Dec-08	9:40	Cloudy	32.2
31-Dec-08	13:00	Cloudy	52.3
		Average	47.7
		Maximum	59.3
		Minimum	32.2

### 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 Dec 08	Appendix E	