

## Appendix E - 1-hour TSP Monitoring Results

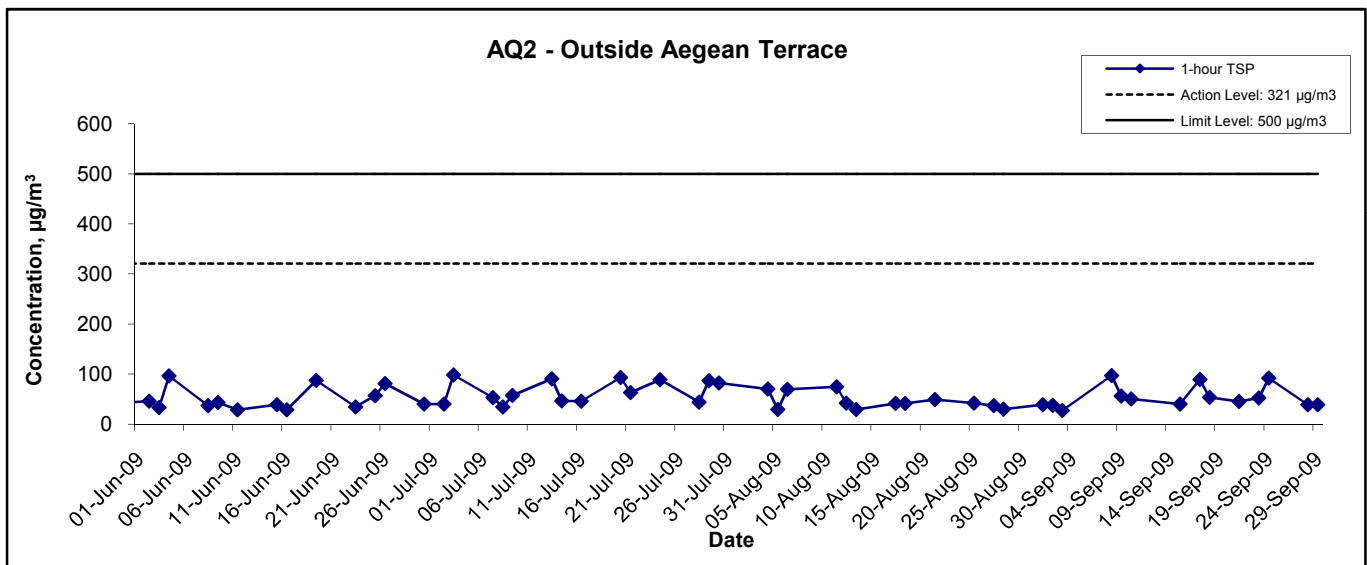
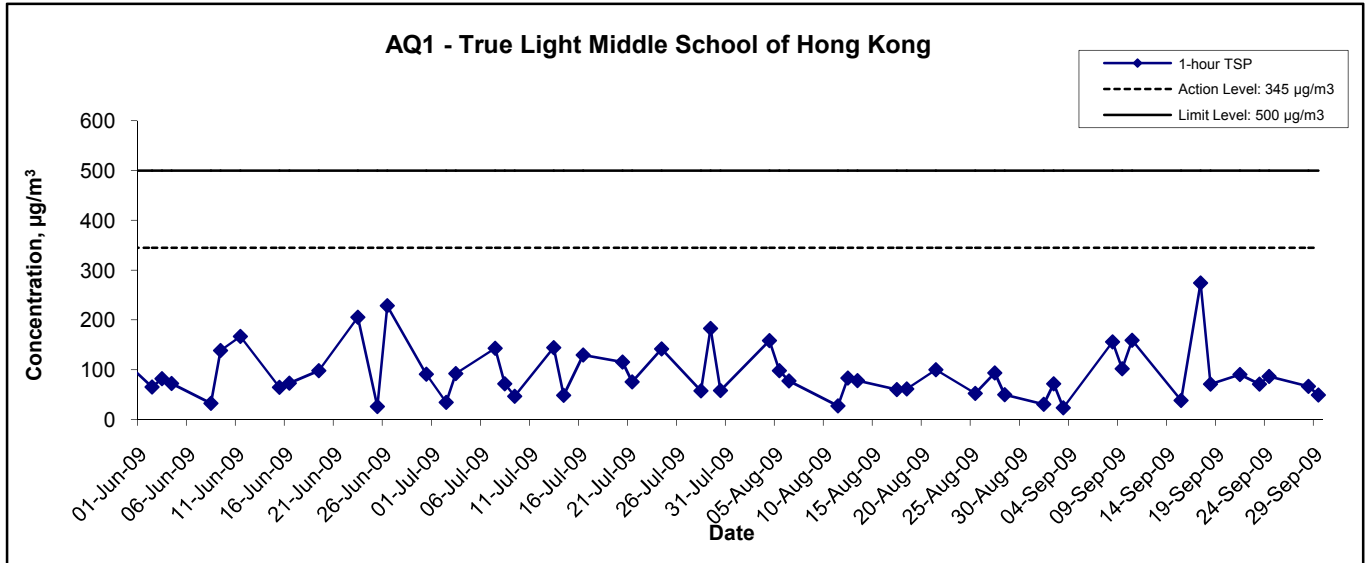
### Station AQ1 (True Light Middle School of Hong Kong)

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			
1-Sep-09	09:00	Sunny	301.9	759.6	3.4231	3.4253	0.0022	3526.3	3527.3	1.0	1.22	1.22	1.22	73.1	30.1
2-Sep-09	09:00	Sunny	302.9	759.1	3.4458	3.4510	0.0052	3527.3	3528.3	1.0	1.22	1.22	1.22	73.0	71.2
3-Sep-09	14:05	Sunny	305.4	756.5	3.4124	3.4141	0.0017	3552.3	3553.3	1.0	1.21	1.21	1.21	72.6	23.4
8-Sep-09	09:00	Sunny	300.6	758.8	3.4636	3.4750	0.0114	3553.3	3554.3	1.0	1.22	1.22	1.22	73.2	155.6
9-Sep-09	17:00	Sunny	302.9	755.9	3.2409	3.2483	0.0074	3578.3	3579.3	1.0	1.21	1.21	1.21	72.9	101.5
10-Sep-09	09:00	Sunny	302.2	758.4	3.2464	3.2580	0.0116	3579.3	3580.3	1.0	1.22	1.22	1.22	73.1	158.8
15-Sep-09	11:30	Rainy	300.1	754.9	3.4919	3.4947	0.0028	3604.3	3605.3	1.0	1.22	1.22	1.22	73.1	38.3
17-Sep-09	09:00	Cloudy	301.2	762.3	3.3800	3.4001	0.0201	3605.3	3606.3	1.0	1.22	1.22	1.22	73.3	274.1
18-Sep-09	09:00	Sunny	302.6	760.9	3.2345	3.2397	0.0052	3606.3	3607.3	1.0	1.22	1.22	1.22	73.1	71.1
21-Sep-09	09:30	Sunny	302.4	760.0	3.2256	3.2322	0.0066	3631.3	3632.3	1.0	1.22	1.22	1.22	73.1	90.3
23-Sep-09	09:00	Sunny	300.1	760.4	3.1892	3.1944	0.0052	3632.3	3633.3	1.0	1.22	1.22	1.22	73.4	70.9
24-Sep-09	09:00	Sunny	302.5	760.3	3.2034	3.2097	0.0063	3633.3	3634.3	1.0	1.22	1.22	1.22	73.1	86.2
28-Sep-09	15:10	Rainy	297.9	759.9	3.4210	3.4259	0.0049	3658.3	3659.3	1.0	1.23	1.23	1.23	73.6	66.6
29-Sep-09	15:00	Rainy	298.1	756.1	3.2252	3.2288	0.0036	3659.3	3660.3	1.0	1.22	1.22	1.22	73.4	49.0
														Min	23.4
														Max	274.1
														Average	91.9

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Station AQ2 (Outside Aegean Terrace)			
Date	Time	Weather	Particulate Concentration ( $\mu\text{g}/\text{m}^3$ )
1-Sep-09	14:35	Sunny	39.0
2-Sep-09	13:00	Sunny	38.0
3-Sep-09	16:00	Sunny	27.5
8-Sep-09	14:30	Sunny	97.1
9-Sep-09	15:30	Sunny	56.6
10-Sep-09	13:50	Sunny	50.9
15-Sep-09	14:00	Rainy	40.3
17-Sep-09	15:25	Sunny	89.4
18-Sep-09	13:00	Sunny	53.5
21-Sep-09	13:00	Sunny	45.4
23-Sep-09	15:00	Sunny	52.8
24-Sep-09	15:30	Sunny	92.3
28-Sep-09	9:00	Rainy	39.1
29-Sep-09	16:15	Rainy	39.3
		Average	54.4
		Maximum	97.1
		Minimum	27.5

### 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	Project No.	CINOTECH
	Date	Appendix	
	N.T.S	MA8001	
	Sep 09	E	