

Appendix F - 24-hour TSP Monitoring Results

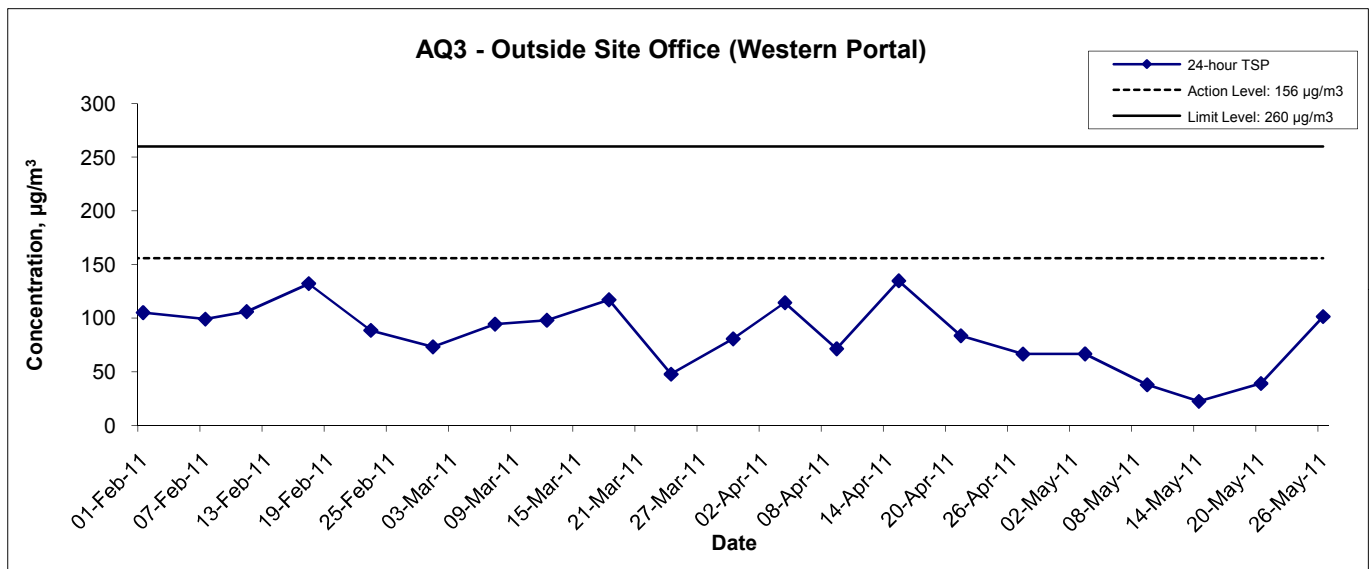
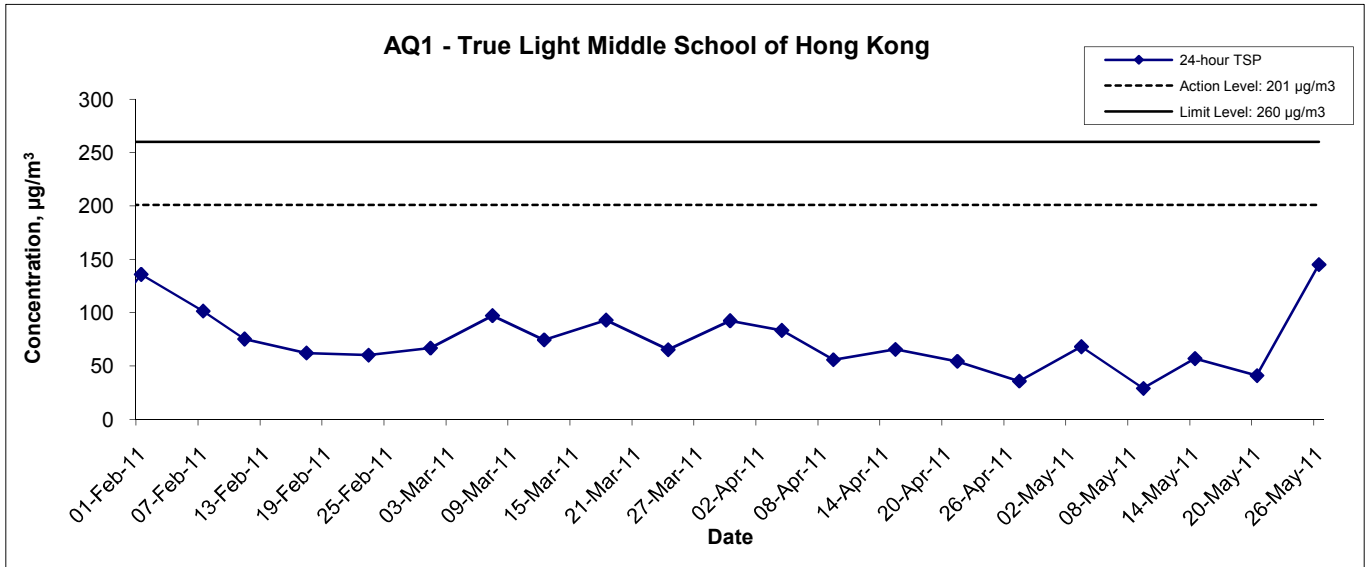
Station AQ1 - True Light Middle School of Hong Kong

| Start Date | 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-May-11 | Cloudy | 303.8 | 758.9 | 3.4267 | 3.5438 | 0.1171 | 6314.3 | 6338.3 | 24.0 | 1.20 | 1.20 | 1.20 | 1723.8 | 67.9 |
| 9-May-11 | Sunny | 301.1 | 759.3 | 3.3950 | 3.4449 | 0.0499 | 6341.3 | 6365.3 | 24.0 | 1.20 | 1.20 | 1.20 | 1731.1 | 28.8 |
| 14-May-11 | Sunny | 296.9 | 763.1 | 3.4050 | 3.5043 | 0.0993 | 6368.3 | 6392.3 | 24.0 | 1.21 | 1.21 | 1.21 | 1746.0 | 56.9 |
| 20-May-11 | Sunny | 300.3 | 759.8 | 3.4014 | 3.4722 | 0.0708 | 6392.3 | 6416.3 | 24.0 | 1.20 | 1.20 | 1.20 | 1733.7 | 40.8 |
| 26-May-11 | Sunny | 296.6 | 760.8 | 3.4019 | 3.6547 | 0.2528 | 6419.3 | 6443.3 | 24.0 | 1.21 | 1.21 | 1.21 | 1744.4 | 144.9 |
| | | | | | | | | | | | | | Min | 28.8 |
| | | | | | | | | | | | | | Max | 144.9 |
| | | | | | | | | | | | | | Average | 67.9 |

Station AQ3 - Outside Site Office (Western Portal)

| Start Date | 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-May-11 | Cloudy | 300.6 | 760.1 | 3.3885 | 3.5046 | 0.1161 | 10163.1 | 10187.1 | 24.0 | 1.21 | 1.21 | 1.21 | 1742.7 | 66.6 |
| 9-May-11 | Sunny | 301.1 | 759.3 | 3.4088 | 3.4749 | 0.0661 | 10187.1 | 10211.1 | 24.0 | 1.21 | 1.21 | 1.21 | 1740.5 | 38.0 |
| 14-May-11 | Sunny | 296.9 | 763.1 | 3.4099 | 3.4494 | 0.0395 | 10211.1 | 10235.1 | 24.0 | 1.22 | 1.22 | 1.22 | 1755.6 | 22.5 |
| 20-May-11 | Sunny | 300.3 | 759.8 | 3.4109 | 3.4791 | 0.0682 | 10235.1 | 10259.1 | 24.0 | 1.21 | 1.21 | 1.21 | 1743.1 | 39.1 |
| 26-May-11 | Sunny | 296.6 | 760.8 | 3.4070 | 3.5849 | 0.1779 | 10259.1 | 10283.1 | 24.0 | 1.22 | 1.22 | 1.22 | 1754.0 | 101.4 |
| | | | | | | | | | | | | | Min | 22.5 |
| | | | | | | | | | | | | | Max | 101.4 |
| | | | | | | | | | | | | | Average | 53.5 |

24-hr TSP Concentration Levels



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|---|-------|--------|-------------|--------|----------|
| Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of 24-hour TSP Monitoring Results | Scale | N.T.S | Project No. | MA8001 | CINOTECH |
| | Date | May 11 | Appendix | F | |