

## 24-hour TSP Monitoring Results

### Location AM8 - Block A of Government Dockyard

| Start Date | Weather Condition | Air Temp. (K) | 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 |                                |                              |                            |
| 5-Sep-12   | Sunny             | 303.3         | 3.1529            | 3.2435 | 0.0906                 | 816.0       | 840.0  | 24.0                 | 1.21                             | 1.21  | 1.21                           | 1735.6                       | 52                         |
| 8-Sep-12   | Sunny             | 302.1         | 3.1560            | 3.2823 | 0.1263                 | 864.0       | 888.0  | 24.0                 | 1.21                             | 1.21  | 1.21                           | 1739.8                       | 73                         |
| 14-Sep-12  | Sunny             | 298.7         | 3.2970            | 3.4620 | 0.1650                 | 912.0       | 936.0  | 24.0                 | 1.21                             | 1.21  | 1.21                           | 1748.1                       | 94                         |
| 20-Sep-12  | Cloudy            | 299.9         | 3.0929            | 3.2218 | 0.1289                 | 960.0       | 984.0  | 24.0                 | 1.21                             | 1.21  | 1.21                           | 1746.5                       | 74                         |
| 26-Sep-12  | Cloudy            | 299.3         | 3.1619            | 3.3047 | 0.1428                 | 1008.0      | 1032.0 | 24.0                 | 1.21                             | 1.21  | 1.21                           | 1747.2                       | 82                         |
|            |                   |               |                   |        |                        |             |        |                      |                                  |       |                                | Min                          | 52                         |
|            |                   |               |                   |        |                        |             |        |                      |                                  |       |                                | Max                          | 94                         |
|            |                   |               |                   |        |                        |             |        |                      |                                  |       |                                | Average                      | 75                         |