

## 24-hour TSP Monitoring Results

### Location AM8 - Block A of Government Dockyard

| Start Date | Weather   | Air       | Filter Weight (g) |        | Particulate | Elapse Time |        | Sampling   | Flow Rate (m <sup>3</sup> /min.) |       | Av. flow              | Total vol.        | Conc.                |
|------------|-----------|-----------|-------------------|--------|-------------|-------------|--------|------------|----------------------------------|-------|-----------------------|-------------------|----------------------|
|            | Condition | Temp. (K) | Initial           | Final  | weight (g)  | Initial     | Final  | Time(hrs.) | Initial                          | Final | (m <sup>3</sup> /min) | (m <sup>3</sup> ) | (µg/m <sup>3</sup> ) |
| 4-Feb-15   | Cloudy    | 288.4     | 3.2667            | 3.4409 | 0.1742      | 4578.0      | 4602.0 | 24.0       | 1.23                             | 1.23  | 1.23                  | 1769.2            | 98.5                 |
| 10-Feb-15  | Cloudy    | 287.4     | 3.2370            | 3.4600 | 0.2230      | 4602.0      | 4626.0 | 24.0       | 1.23                             | 1.23  | 1.23                  | 1771.5            | 125.9                |
| 16-Feb-15  | Cloudy    | 290.9     | 3.1508            | 3.3808 | 0.2300      | 4626.0      | 4650.0 | 24.0       | 1.22                             | 1.22  | 1.22                  | 1756.5            | 130.9                |
| 18-Feb-15  | Cloudy    | 291.4     | 3.2220            | 3.4009 | 0.1789      | 4650.0      | 4674.0 | 24.0       | 1.22                             | 1.22  | 1.22                  | 1756.6            | 101.8                |
| 24-Feb-15  | Sunny     | 291.4     | 3.2082            | 3.3233 | 0.1151      | 4674.0      | 4698.0 | 24.0       | 1.22                             | 1.22  | 1.22                  | 1753.2            | 65.7                 |
|            |           |           |                   |        |             |             |        |            |                                  |       |                       | <b>Min</b>        | <b>66</b>            |
|            |           |           |                   |        |             |             |        |            |                                  |       |                       | <b>Max</b>        | <b>131</b>           |
|            |           |           |                   |        |             |             |        |            |                                  |       |                       | <b>Average</b>    | <b>105</b>           |