

## 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> ) |
| 3-Sep-15   | Cloudy    | 300.6     | 3.2628            | 3.3038 | 0.0410      | 5490.0      | 5514.0 | 24.0       | 1.23                             | 1.23  | 1.23                  | 1771.8            | 23.1                 |
| 9-Sep-15   | Sunny     | 301.7     | 3.2558            | 3.3427 | 0.0869      | 5514.0      | 5538.0 | 24.0       | 1.23                             | 1.23  | 1.23                  | 1766.4            | 49.2                 |
| 15-Sep-15  | Sunny     | 300.8     | 3.2674            | 3.3373 | 0.0699      | 5538.0      | 5562.0 | 24.0       | 1.23                             | 1.23  | 1.23                  | 1771.3            | 39.5                 |
| 21-Sep-15  | Cloudy    | 300.4     | 3.2549            | 3.3344 | 0.0795      | 5562.0      | 5586.0 | 24.0       | 1.23                             | 1.23  | 1.23                  | 1770.9            | 44.9                 |
| 26-Sep-15  | Cloudy    | 302.9     | 3.2673            | 3.3074 | 0.0401      | 5586.0      | 5610.0 | 24.0       | 1.22                             | 1.22  | 1.22                  | 1758.1            | 22.8                 |
|            |           |           |                   |        |             |             |        |            |                                  |       |                       | <b>Min</b>        | <b>23</b>            |
|            |           |           |                   |        |             |             |        |            |                                  |       |                       | <b>Max</b>        | <b>49</b>            |
|            |           |           |                   |        |             |             |        |            |                                  |       |                       | <b>Average</b>    | <b>36</b>            |