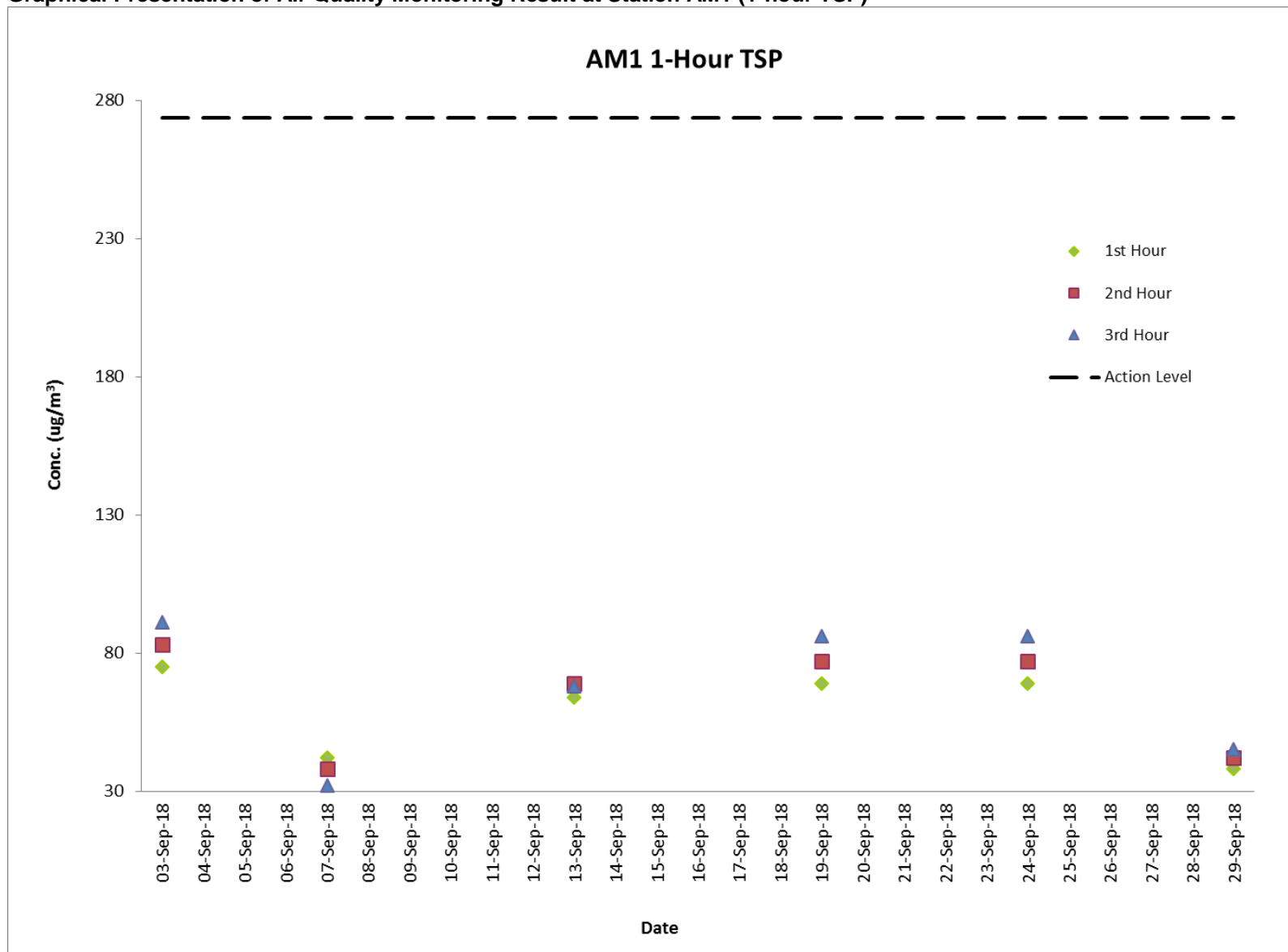


**Air Quality Monitoring Result at Station AM1 (1-hour TSP)**

| Date      | Weather Condition | Time         | Conc. ( $\mu\text{g}/\text{m}^3$ ) |                      |                      | Action Level ( $\mu\text{g}/\text{m}^3$ ) | Limit Level ( $\mu\text{g}/\text{m}^3$ ) |
|-----------|-------------------|--------------|------------------------------------|----------------------|----------------------|---|--|
|           |                   |              | 1 <sup>st</sup> Hour               | 2 <sup>nd</sup> Hour | 3 <sup>rd</sup> Hour |   |  |
| 03-Sep-18 | Fine              | 7:50 - 10:50 | 75                                 | 83                   | 91                   | 273.7                                     | 500                                      |
| 07-Sep-18 | Sunny             | 8:12 - 11:12 | 42                                 | 38                   | 32                   | 273.7                                     | 500                                      |
| 13-Sep-18 | Cloudy            | 8:12 - 11:12 | 64                                 | 69                   | 68                   | 273.7                                     | 500                                      |
| 19-Sep-18 | Sunny             | 8:05 - 11:05 | 69                                 | 77                   | 86                   | 273.7                                     | 500                                      |
| 24-Sep-18 | Cloudy            | 7:50 - 10:50 | 69                                 | 77                   | 86                   | 273.7                                     | 500                                      |
| 29-Sep-18 | Sunny             | 8:02 - 11:02 | 38                                 | 42                   | 45                   | 273.7                                     | 500                                      |

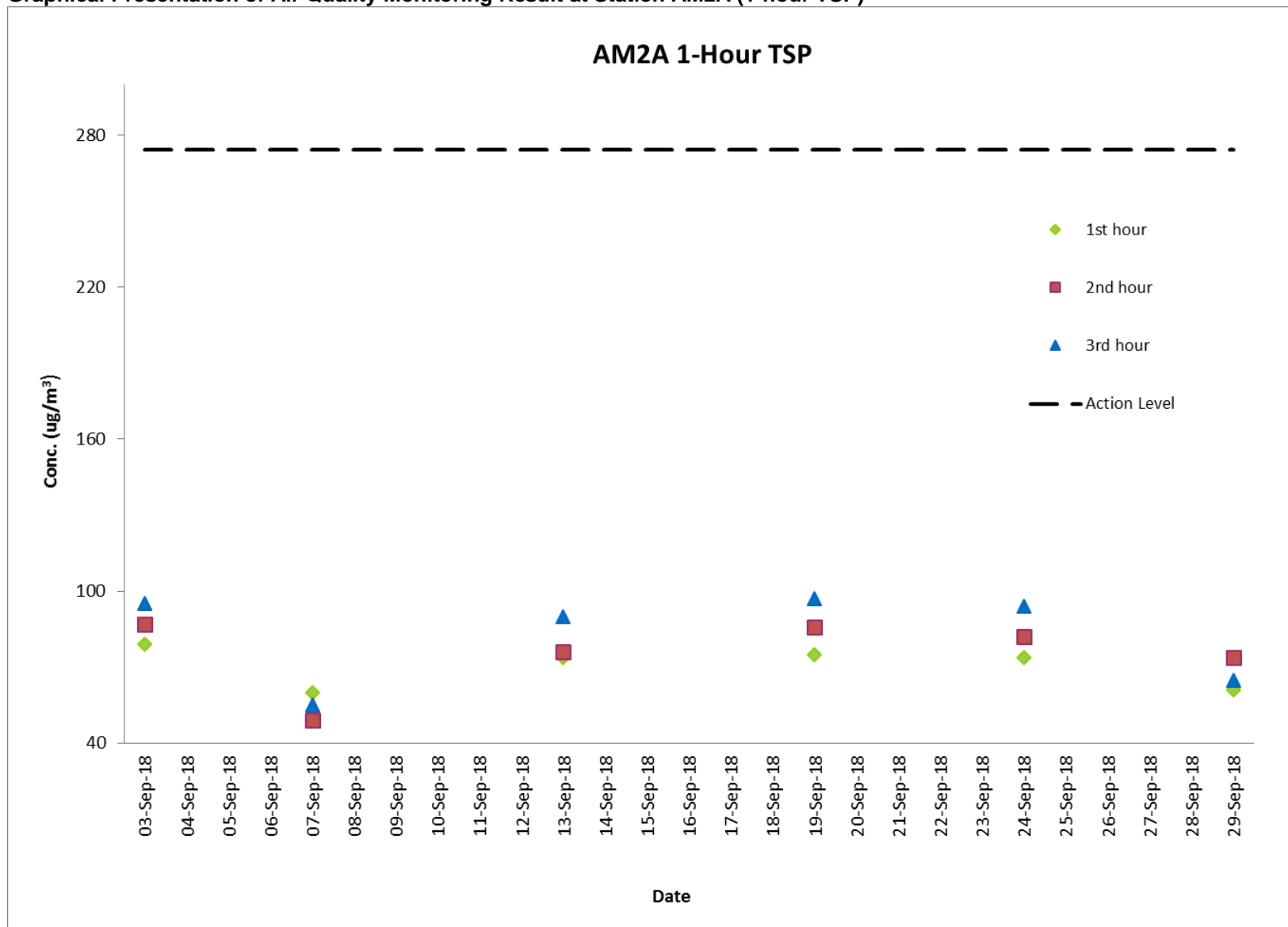
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (1-hour TSP)



**Air Quality Monitoring Result at Station AM2A (1-hour TSP)**

| Date      | Weather Condition | Time         | Conc. ( $\mu\text{g}/\text{m}^3$ ) |                      |                      | Action Level ( $\mu\text{g}/\text{m}^3$ ) | Limit Level ( $\mu\text{g}/\text{m}^3$ ) |
|-----------|-------------------|--------------|------------------------------------|----------------------|----------------------|---|--|
|           |                   |              | 1 <sup>st</sup> Hour               | 2 <sup>nd</sup> Hour | 3 <sup>rd</sup> Hour |   |  |
| 03-Sep-18 | Fine              | 8:04 - 11:04 | 79                                 | 87                   | 95                   | 274.2                                     | 500                                      |
| 07-Sep-18 | Sunny             | 8:24 - 11:24 | 60                                 | 49                   | 55                   | 274.2                                     | 500                                      |
| 13-Sep-18 | Cloudy            | 8:25 - 11:25 | 74                                 | 76                   | 90                   | 274.2                                     | 500                                      |
| 19-Sep-18 | Sunny             | 8:17 - 11:17 | 75                                 | 86                   | 97                   | 274.2                                     | 500                                      |
| 24-Sep-18 | Cloudy            | 8:03 - 11:03 | 74                                 | 82                   | 94                   | 274.2                                     | 500                                      |
| 29-Sep-18 | Sunny             | 8:15 - 11:15 | 61                                 | 74                   | 65                   | 274.2                                     | 500                                      |

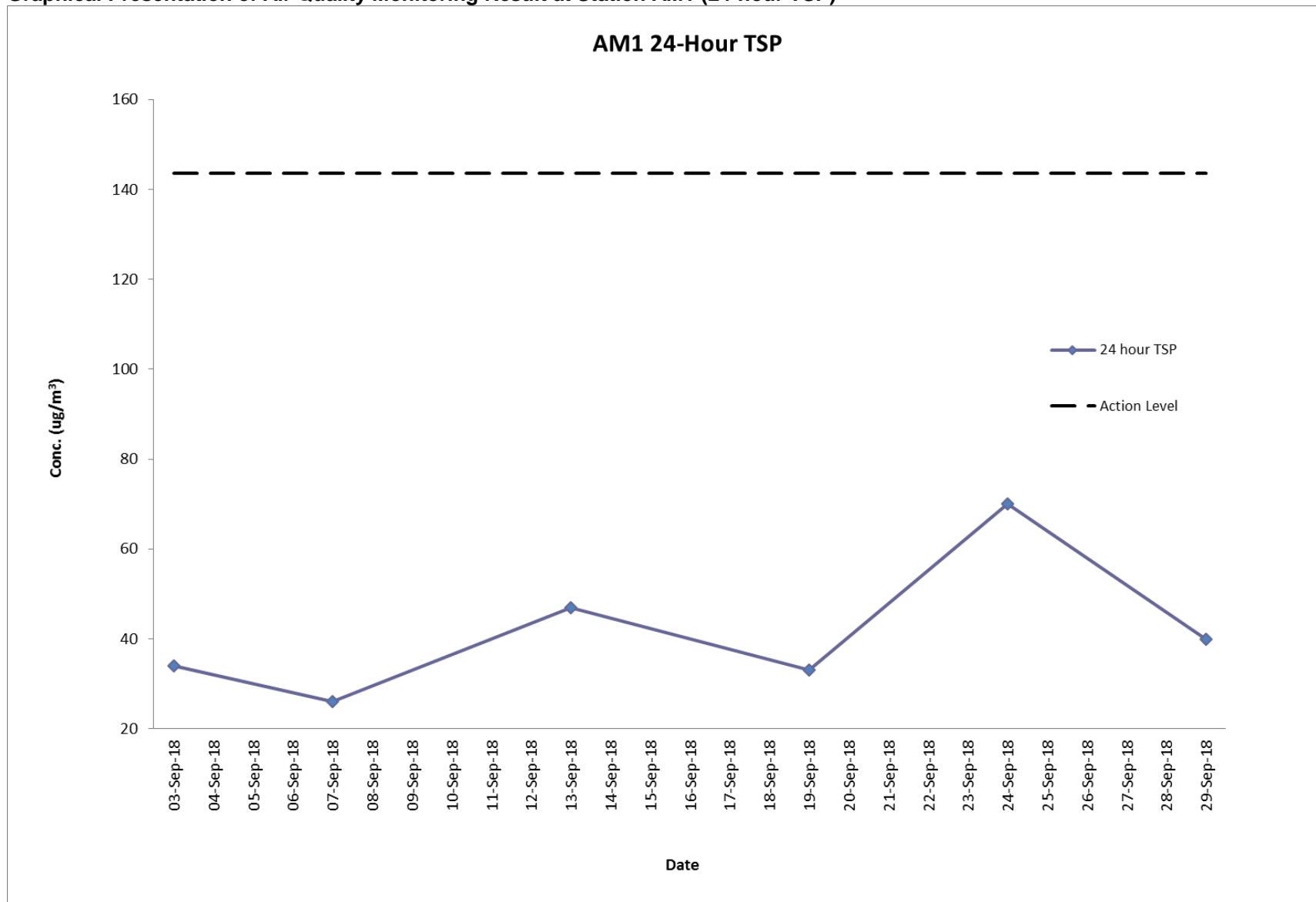
Graphical Presentation of Air Quality Monitoring Result at Station AM2A (1-hour TSP)



# **Air Quality Monitoring Result at Station AM1 (24-hour TSP)**

| Start     |       | Finish    |       | Filter Weight (g) |        | Elapsed Time Reading |          | Sampling Time (hrs) | Flow Rate (m <sup>3</sup> /min) |       |         | Conc. (µg/m <sup>3</sup> ) | Weather Condition | Action Level | Limit Level |
|-----------|-------|-----------|-------|-------------------|--------|----------------------|----------|---------------------|---------------------------------|-------|---------|----------------------------|-------------------|--------------|-------------|
| Date      | Time  | Date      | Time  | Initial           | Final  | Initial              | Final    |                     | Initial                         | Final | Average |                            |                   |              |             |
| 03-Sep-18 | 07:52 | 04-Sep-18 | 07:52 | 2.6816            | 2.741  | 23112.38             | 23136.38 | 24                  | 1.23                            | 1.23  | 1.23    | 34                         | Fine              | 143.6        | 260         |
| 07-Sep-18 | 08:10 | 08-Sep-18 | 08:10 | 2.6867            | 2.7332 | 23136.38             | 23160.38 | 24                  | 1.23                            | 1.23  | 1.23    | 26                         | Sunny             | 143.6        | 260         |
| 13-Sep-18 | 08:10 | 14-Sep-18 | 08:10 | 2.6868            | 2.7703 | 23160.38             | 23184.38 | 24                  | 1.23                            | 1.23  | 1.23    | 47                         | Cloudy            | 143.6        | 260         |
| 19-Sep-18 | 08:03 | 20-Sep-18 | 08:03 | 2.6741            | 2.7329 | 23184.38             | 23208.38 | 24                  | 1.23                            | 1.23  | 1.23    | 33                         | Sunny             | 143.6        | 260         |
| 24-Sep-18 | 07:48 | 25-Sep-18 | 07:48 | 2.7065            | 2.83   | 23208.38             | 23232.38 | 24                  | 1.23                            | 1.23  | 1.23    | 70                         | Cloudy            | 143.6        | 260         |
| 29-Sep-18 | 08:00 | 30-Sep-18 | 08:00 | 2.6800            | 2.7512 | 23232.38             | 23256.38 | 24                  | 1.23                            | 1.23  | 1.23    | 40                         | Sunny             | 143.6        | 260         |

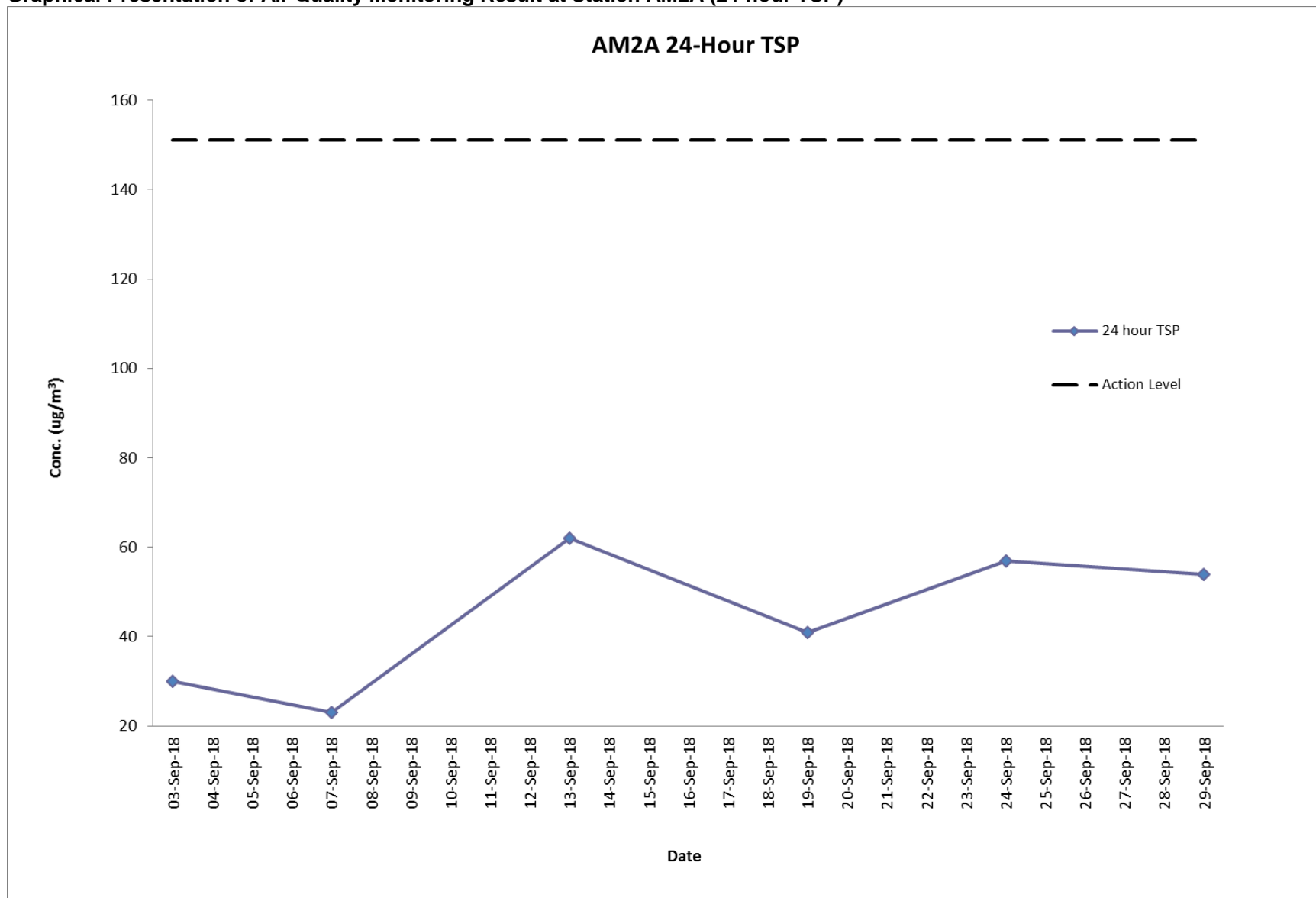
Graphical Presentation of Air Quality Monitoring Result at Station AM1 (24-hour TSP)



### Air Quality Monitoring Result at Station AM2A (24-hour TSP)

| Start     |       | Finish    |       | Filter Weight (g) |        | Elapsed Time Reading |          | Sampling Time (hrs) | Flow Rate (m <sup>3</sup> /min) |       |         | Conc. (µg/m <sup>3</sup> ) | Weather Condition | Action Level | Limit Level |
|-----------|-------|-----------|-------|-------------------|--------|----------------------|----------|---------------------|---------------------------------|-------|---------|----------------------------|-------------------|--------------|-------------|
| Date      | Time  | Date      | Time  | Initial           | Final  | Initial              | Final    |                     | Initial                         | Final | Average |                            |                   |              |             |
| 03-Sep-18 | 08:02 | 04-Sep-18 | 08:02 | 2.6819            | 2.7359 | 18767.59             | 18791.59 | 24                  | 1.25                            | 1.25  | 1.25    | 30                         | Fine              | 151.1        | 260         |
| 07-Sep-18 | 08:22 | 08-Sep-18 | 08:22 | 2.6772            | 2.7179 | 18791.59             | 18815.59 | 24                  | 1.25                            | 1.25  | 1.25    | 23                         | Cloudy            | 151.1        | 260         |
| 13-Sep-18 | 08:22 | 14-Sep-18 | 08:22 | 2.6836            | 2.7955 | 18815.59             | 18839.59 | 24                  | 1.25                            | 1.25  | 1.25    | 62                         | Cloudy            | 151.1        | 260         |
| 19-Sep-18 | 08:15 | 20-Sep-18 | 08:15 | 2.6836            | 2.7572 | 18839.59             | 18863.59 | 24                  | 1.25                            | 1.25  | 1.25    | 41                         | Sunny             | 151.1        | 260         |
| 24-Sep-18 | 08:00 | 25-Sep-18 | 08:00 | 2.6887            | 2.7909 | 18863.59             | 18887.59 | 24                  | 1.25                            | 1.25  | 1.25    | 57                         | Cloudy            | 151.1        | 260         |
| 29-Sep-18 | 08:12 | 30-Sep-18 | 08:12 | 2.6926            | 2.7900 | 18887.59             | 18911.59 | 24                  | 1.25                            | 1.25  | 1.25    | 54                         | Sunny             | 151.1        | 260         |

Graphical Presentation of Air Quality Monitoring Result at Station AM2A (24-hour TSP)





# **Noise Monitoring Result at Station NM1A**

| Date      | Time  | Measured L <sub>10</sub> , dB(A) | Measured L <sub>90</sub> , dB(A) | L <sub>eq</sub> (30 min.)*, dB(A) |
|-----------|-------|----------------------------------|----------------------------------|-----------------------------------|
| 03-Sep-18 | 08:48 | 67.9                             | 62.7                             | 70                                |
| 03-Sep-18 | 08:53 | 67.0                             | 61.7                             |                                   |
| 03-Sep-18 | 08:58 | 68.4                             | 63.9                             |                                   |
| 03-Sep-18 | 09:03 | 67.7                             | 63.4                             |                                   |
| 03-Sep-18 | 09:08 | 69.7                             | 65.7                             |                                   |
| 03-Sep-18 | 09:13 | 69.4                             | 65.5                             |                                   |
| 13-Sep-18 | 09:10 | 68.3                             | 64.1                             | 69                                |
| 13-Sep-18 | 09:15 | 67.7                             | 62.7                             |                                   |
| 13-Sep-18 | 09:20 | 66.5                             | 62.0                             |                                   |
| 13-Sep-18 | 09:25 | 67.4                             | 62.7                             |                                   |
| 13-Sep-18 | 09:30 | 68.1                             | 63.9                             |                                   |
| 13-Sep-18 | 09:35 | 67.7                             | 62.8                             |                                   |
| 19-Sep-18 | 09:04 | 67.5                             | 63.1                             | 69                                |
| 19-Sep-18 | 09:09 | 66.7                             | 62.4                             |                                   |
| 19-Sep-18 | 09:14 | 68.4                             | 64.7                             |                                   |
| 19-Sep-18 | 09:19 | 68.6                             | 64.9                             |                                   |
| 19-Sep-18 | 09:24 | 67.7                             | 63.5                             |                                   |
| 19-Sep-18 | 09:29 | 66.5                             | 62.4                             |                                   |
| 24-Sep-18 | 08:47 | 65.9                             | 61.5                             | 69                                |
| 24-Sep-18 | 08:52 | 67.1                             | 63.4                             |                                   |
| 24-Sep-18 | 08:57 | 68.4                             | 64.7                             |                                   |
| 24-Sep-18 | 09:02 | 67.5                             | 63.7                             |                                   |
| 24-Sep-18 | 09:07 | 67.9                             | 63.2                             |                                   |
| 24-Sep-18 | 09:12 | 68.4                             | 64.8                             |                                   |

## **Remarks:**

\* +3dB (A) correction was applied to free-field measurement.



The station set-up of a free-field measurement at Station NM1A.

# Graphical Presentation Noise Monitoring Result at Station NM1A

