

FINAL
U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VI



Air Monitoring Summary

Camp Minden North

Start Time: 07-17-2016 1800 - End Time: 07-18-2016 1800

July 18, 2016 – EPA monitored for seven ambient air pollutants over a 24 hour period at the Camp Minden North air monitoring location. The seven pollutants included carbon monoxide, carbon dioxide, nitrogen oxide, nitrogen dioxide, nitrogen oxides, sulfur dioxide, and fine particulates. Over the 24 hour period, each of these pollutants were detected below EPA’s National Ambient Air Quality Standards or the action benchmark when an air quality standard had not been previously established.

Below is a summary of Camp Minden Air Monitoring Data collected at the location referenced above. The table contains a detailed listing of the following:

- 1 Average reading of each analyte from July 17, 2016 1800 through July 18, 2016, 2016 1800
- 2 Highest measurement of each analyte from July 17, 2016 1800 through July 18, 2016 1800

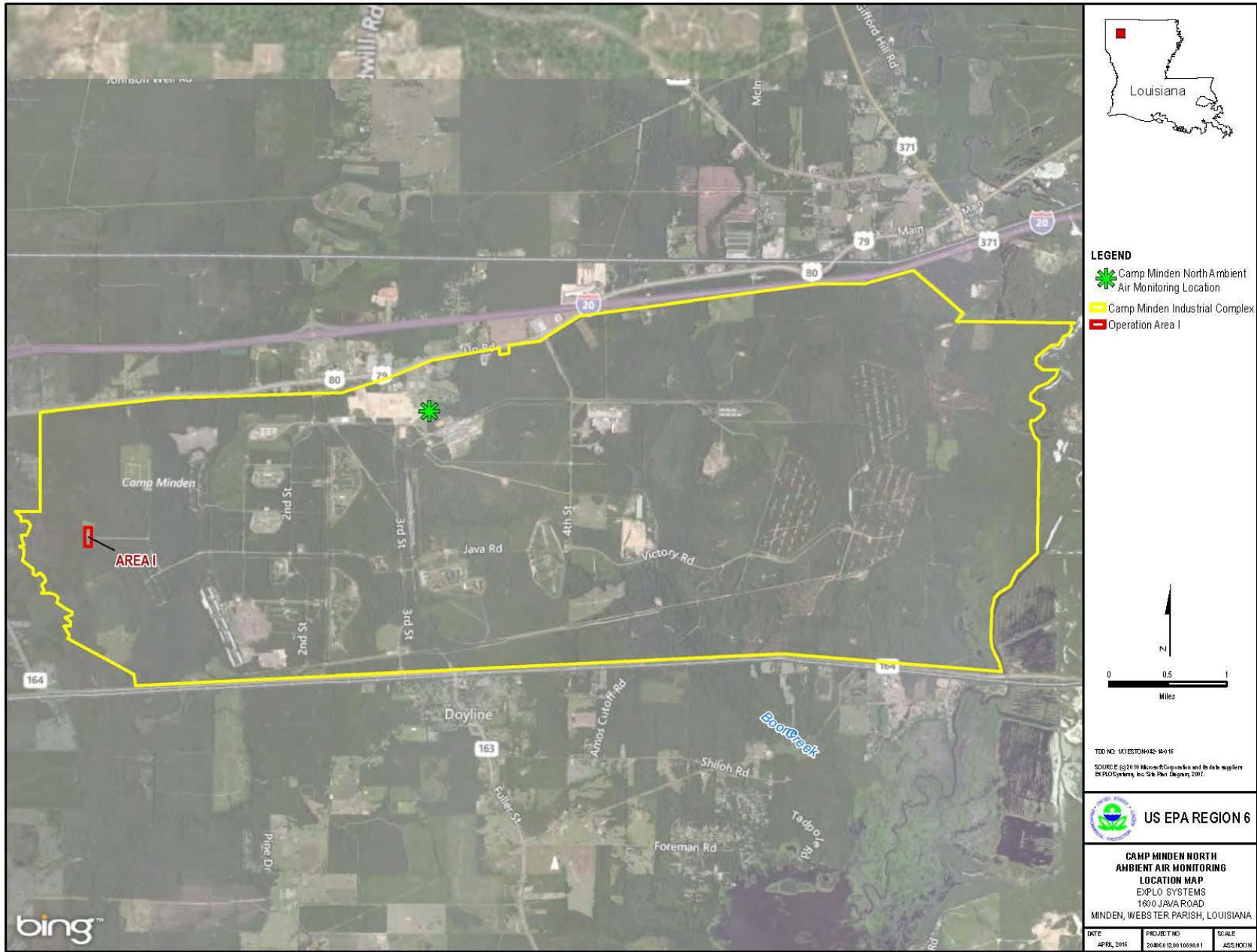
National Ambient Air Quality Standards (NAAQS) of criteria pollutants (CO, NO₂, SO₂, and PM_{2.5}) are listed with specific time frames and calculation formulas. Please visit NAAQS website for more in-depth information on how these are calculated - <https://www.epa.gov/criteria-air-pollutants/naqs-table>.

**** Note:** All analyzers were operating normally except PM_{2.5}. PM_{2.5} continues invalid due to flow issue.

Summary for 18 July 2016 at Camp Minden North

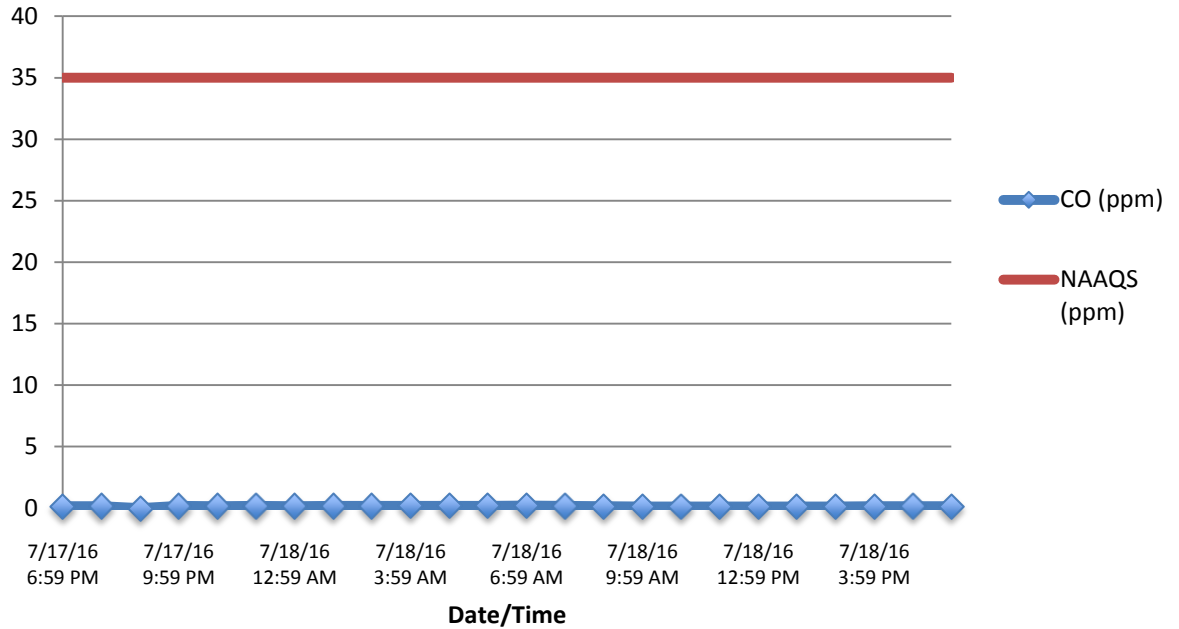
| Analyte | Highest Hourly Average Measurement | Highest Measurement | Units | NAAQS Standard |
|-----------------|------------------------------------|---------------------|-------|---------------------|
| CO | 0.198 | 0.32 | ppm | 35 (1-hour) |
| CO ₂ | 583.4 | 639.4 | ppm | For Monitoring Only |
| NO | 1.3 | 5.3 | ppb | For Monitoring Only |
| NO ₂ | 2.6 | 7.8 | ppb | 100 (1-hour) |
| NO _X | 3.5 | 10.5 | ppb | 100 (1-hour) |
| SO ₂ | 0.4 | 0.6 | ppb | 75 (1-hour) |
| Analyte | Average 24-hour Measurement | Highest Measurement | Units | NAAQS Standard |
| PM 2.5 | 0.0 | 0.0 | ug/m3 | 35 (24-hour) |

Camp Minden North Station Location Map for 18 July 2016

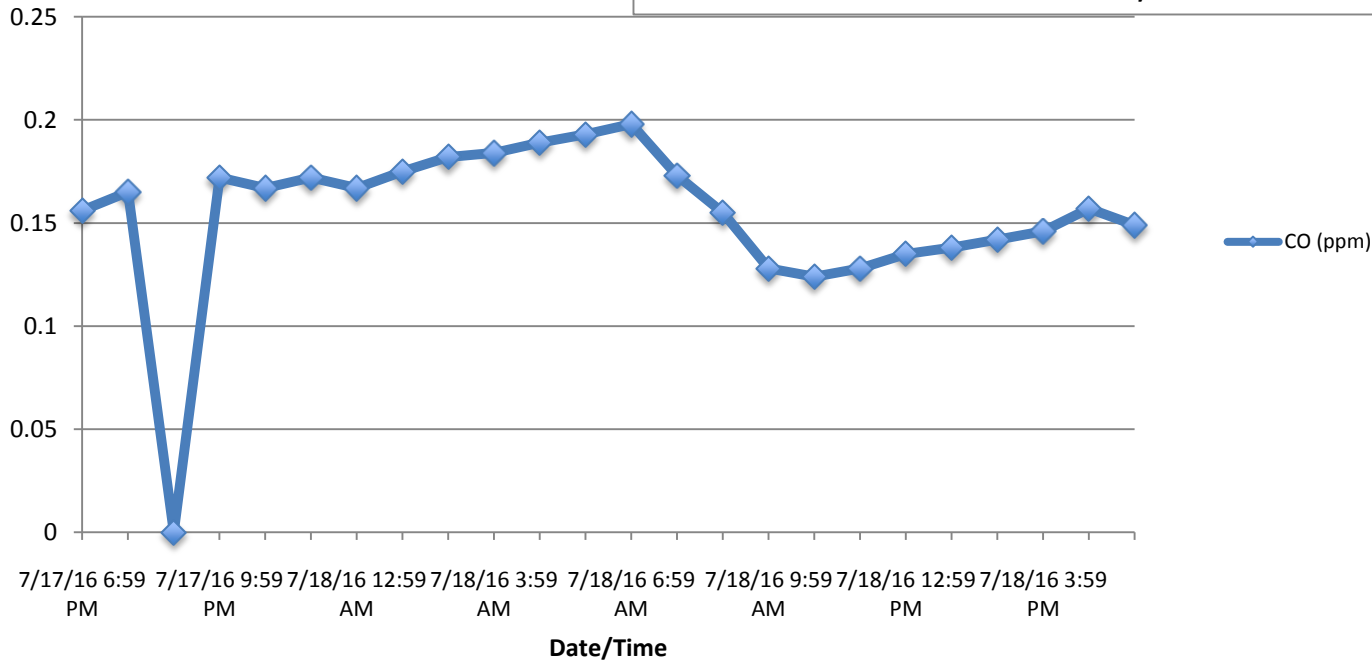


FILE: L:\2016\2016_04\16_21\16039\0001_100716_04\10\2016_Camp Minden North ambient air monitoring location map.pptx 3/22/16 PM 4:23:20 16039

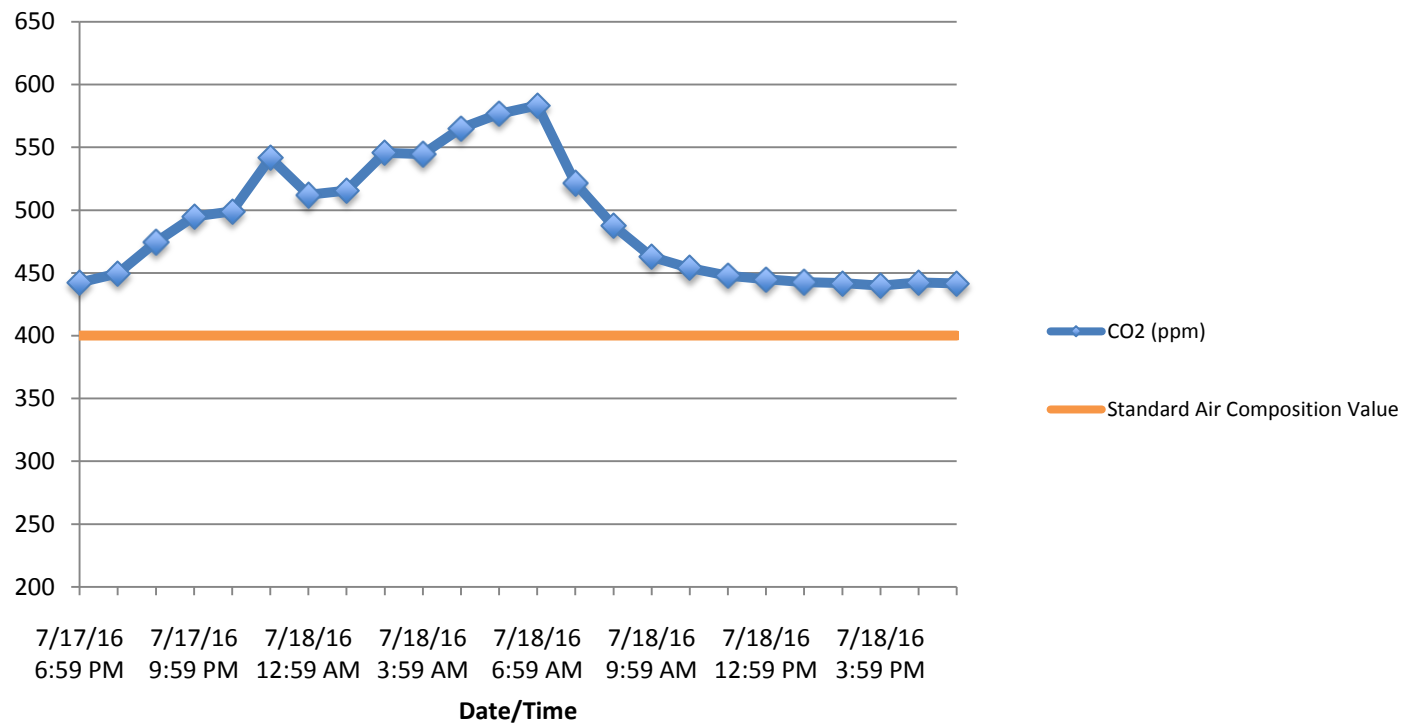
Hourly Averages CO (ppm)



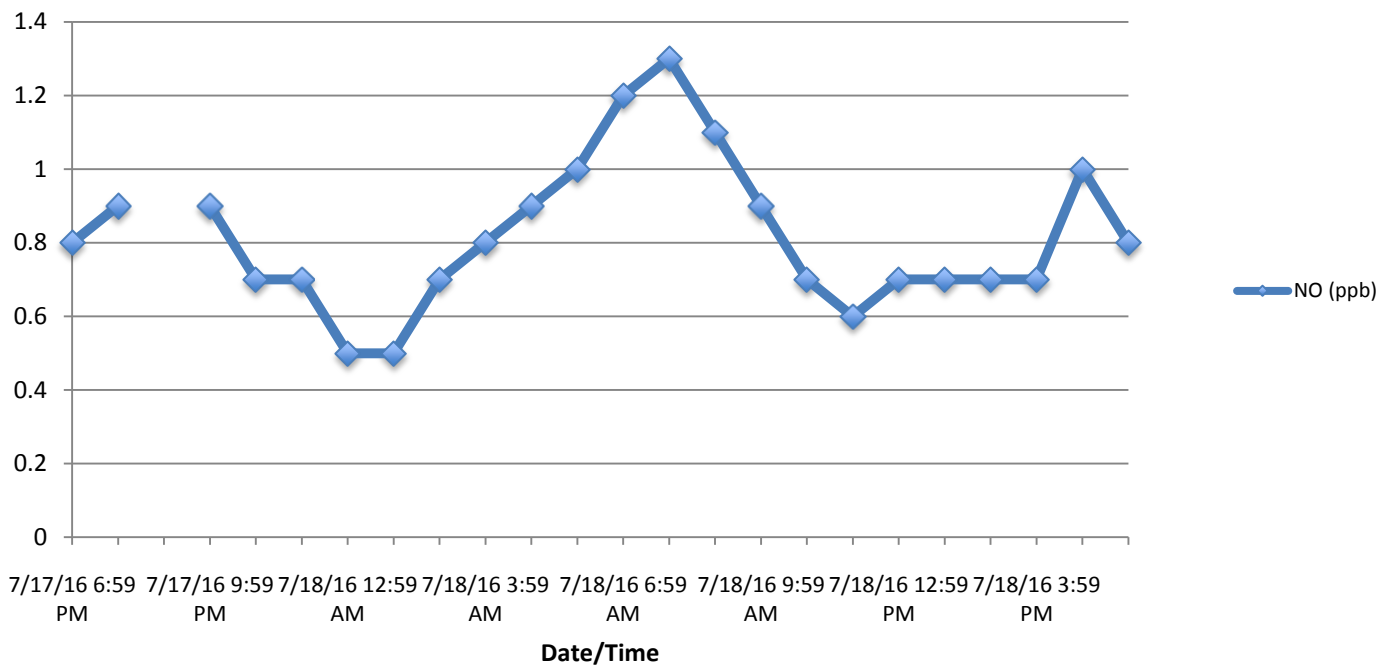
Hourly Averages CO (ppm) NAAQS 35 ppm



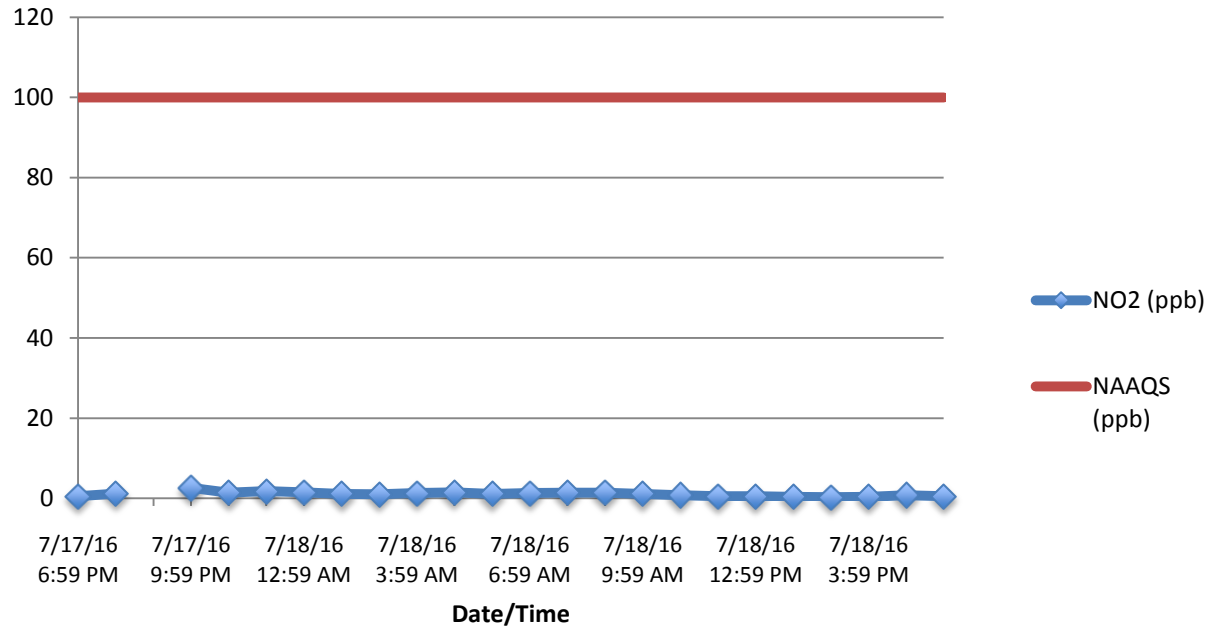
Hourly Averages CO2 (ppm) For Monitoring Only



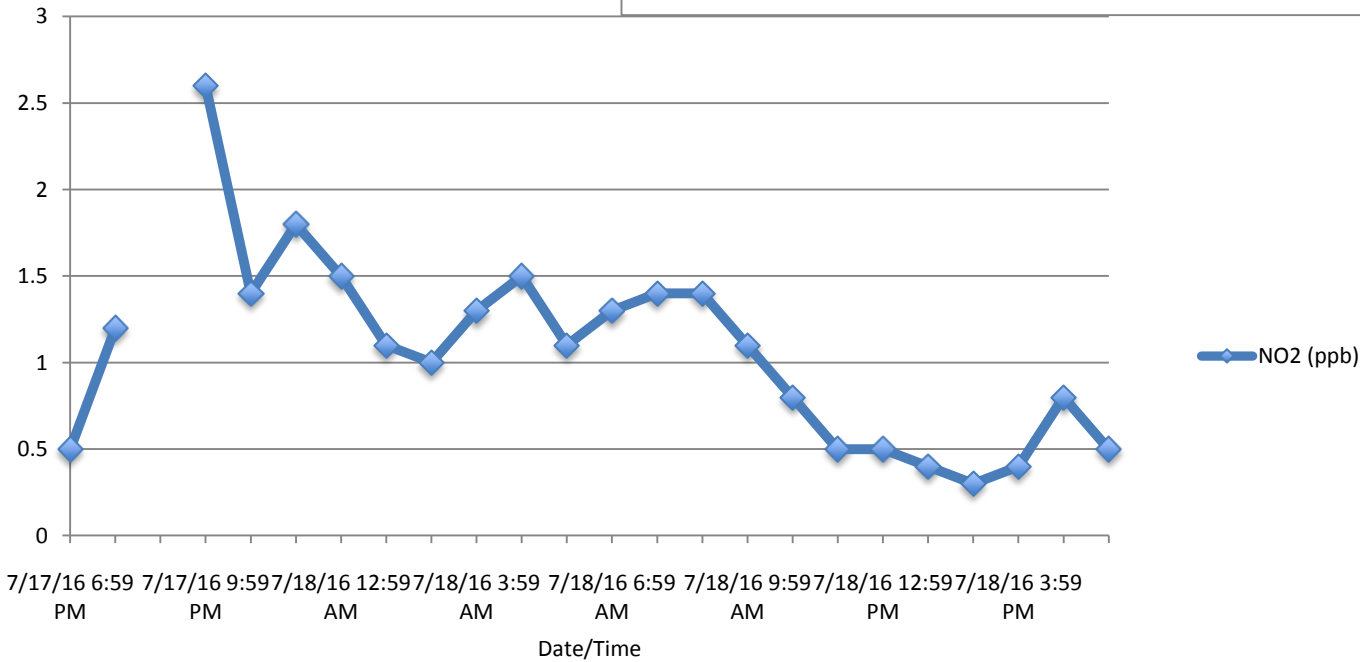
Hourly Averages NO (ppb) For Monitoring Only



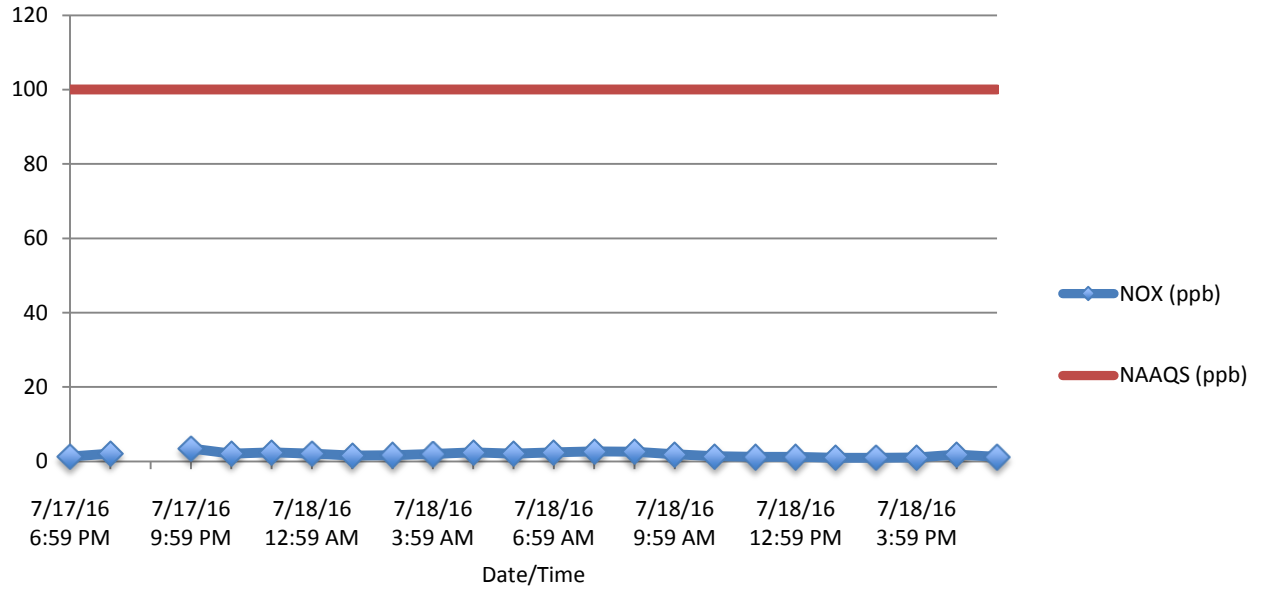
Hourly Averages NO2 (ppb)



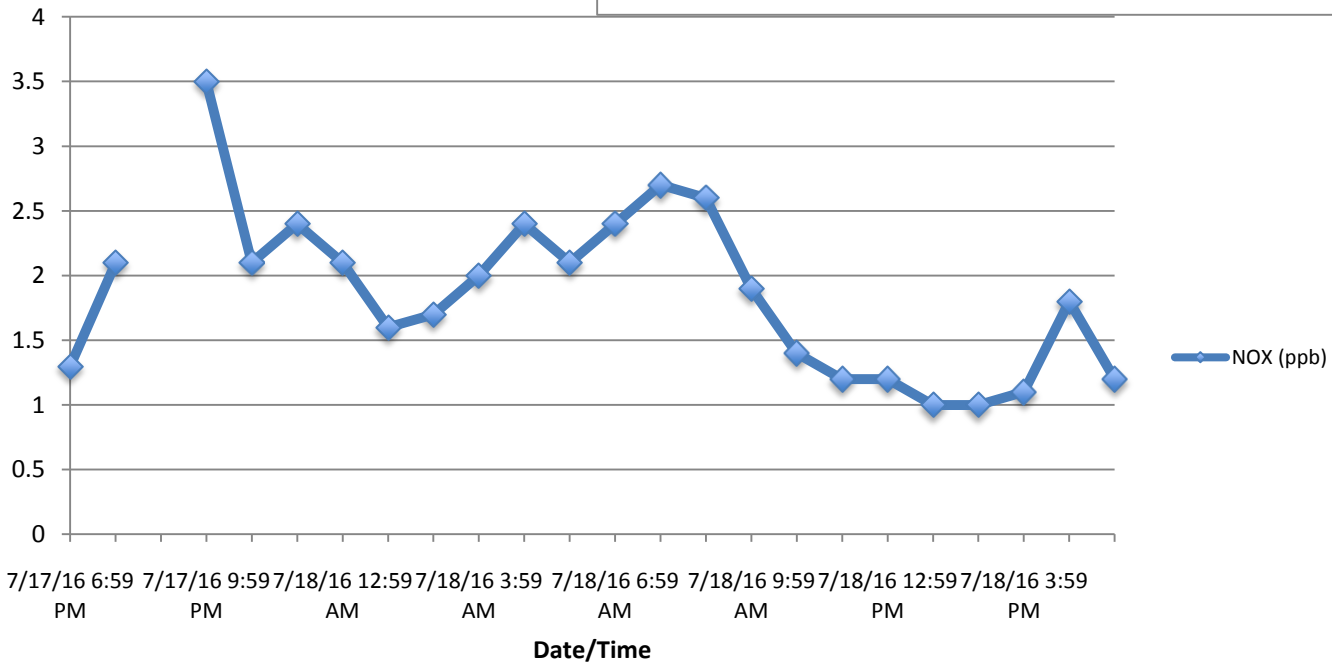
Hourly Averages NO2 (ppb) NAAQS 100 ppb



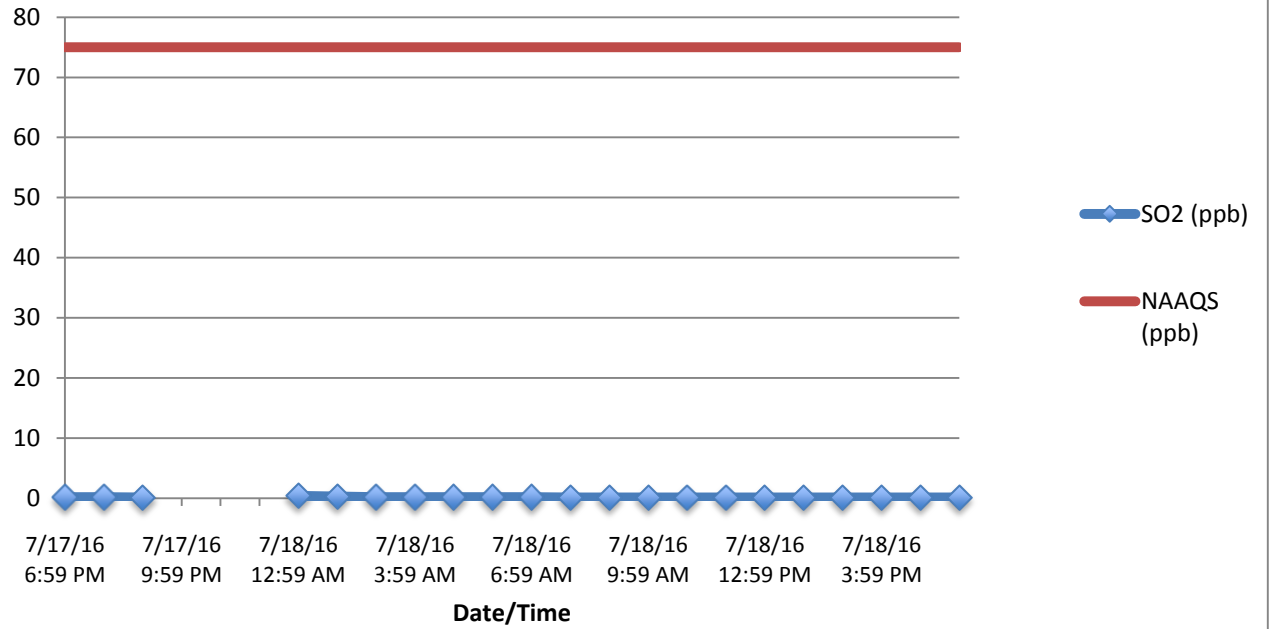
Hourly Averages NOX (ppb)



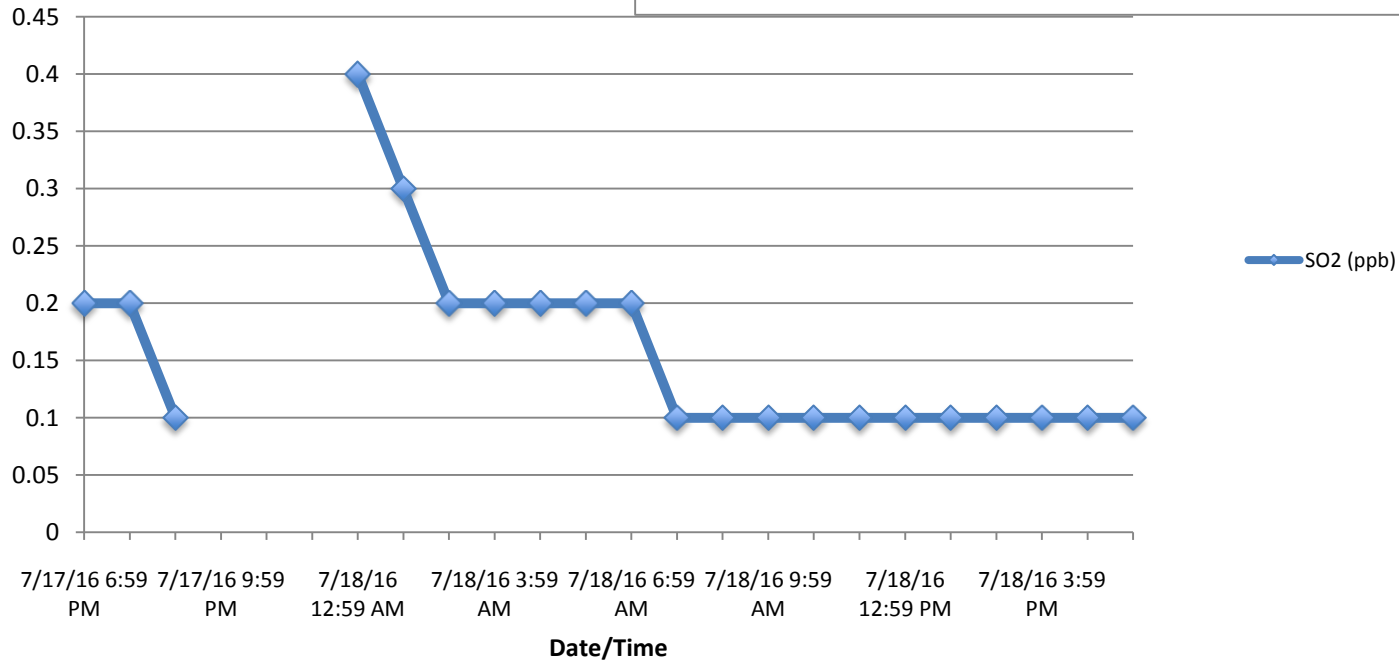
Hourly Averages NOX (ppb) NAAQS 100 ppb



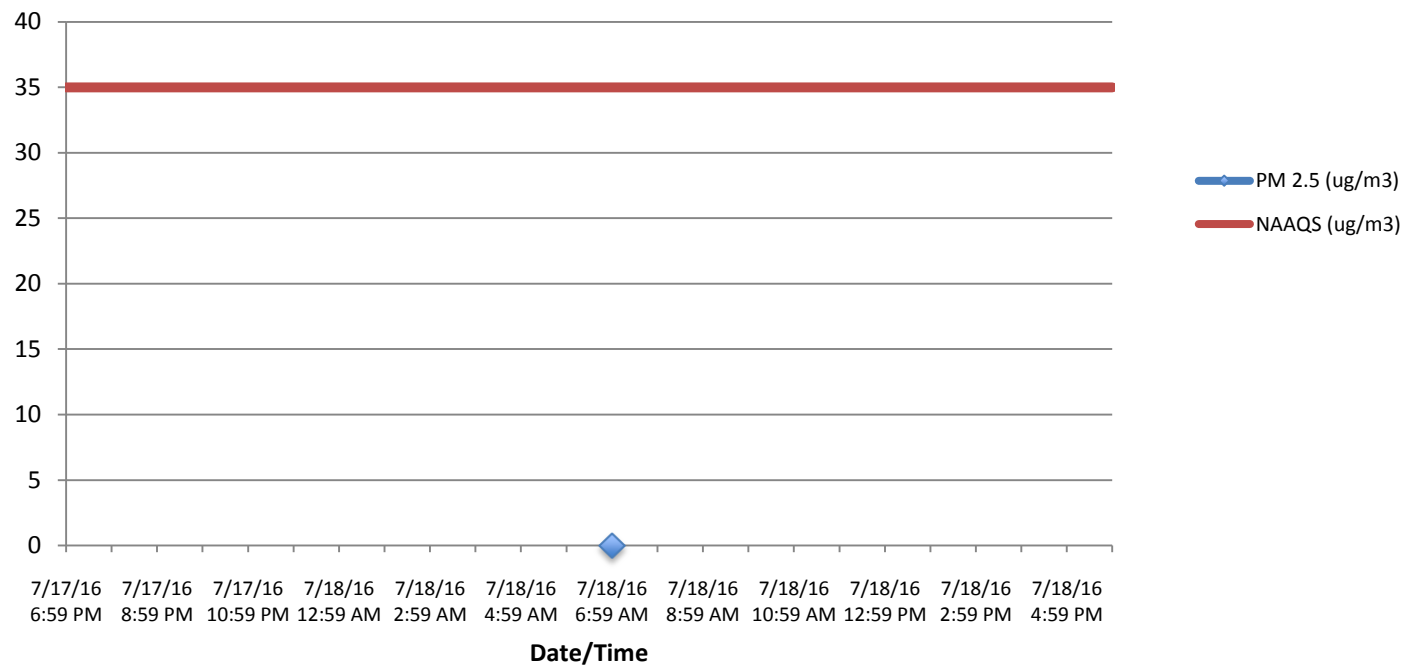
Hourly Averages SO2 (ppb)



Hourly Averages SO2 (ppb) NAAQS 75 ppb



24 Hour Average PM 2.5 (ug/m3) NAAQS 35 ug/m3



Hourly Averages PM 2.5 (ug/m3)

