

**FINAL**  
**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
**Region VI**



**Air Monitoring Summary**

**Camp Minden North**

**Start Time: 05-07-2016 1800 - End Time: 05-08-2016 1800**

May 8, 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 May 7, 2016 1800 through May 8, 2016, 2016 1800
- 2 Highest measurement of each analyte from May 7, 2016 1800 through May 8, 2016 1800
- 3 No valid CO2 data was reported from May 8 0745 to May 8 1759 due to equipment error.

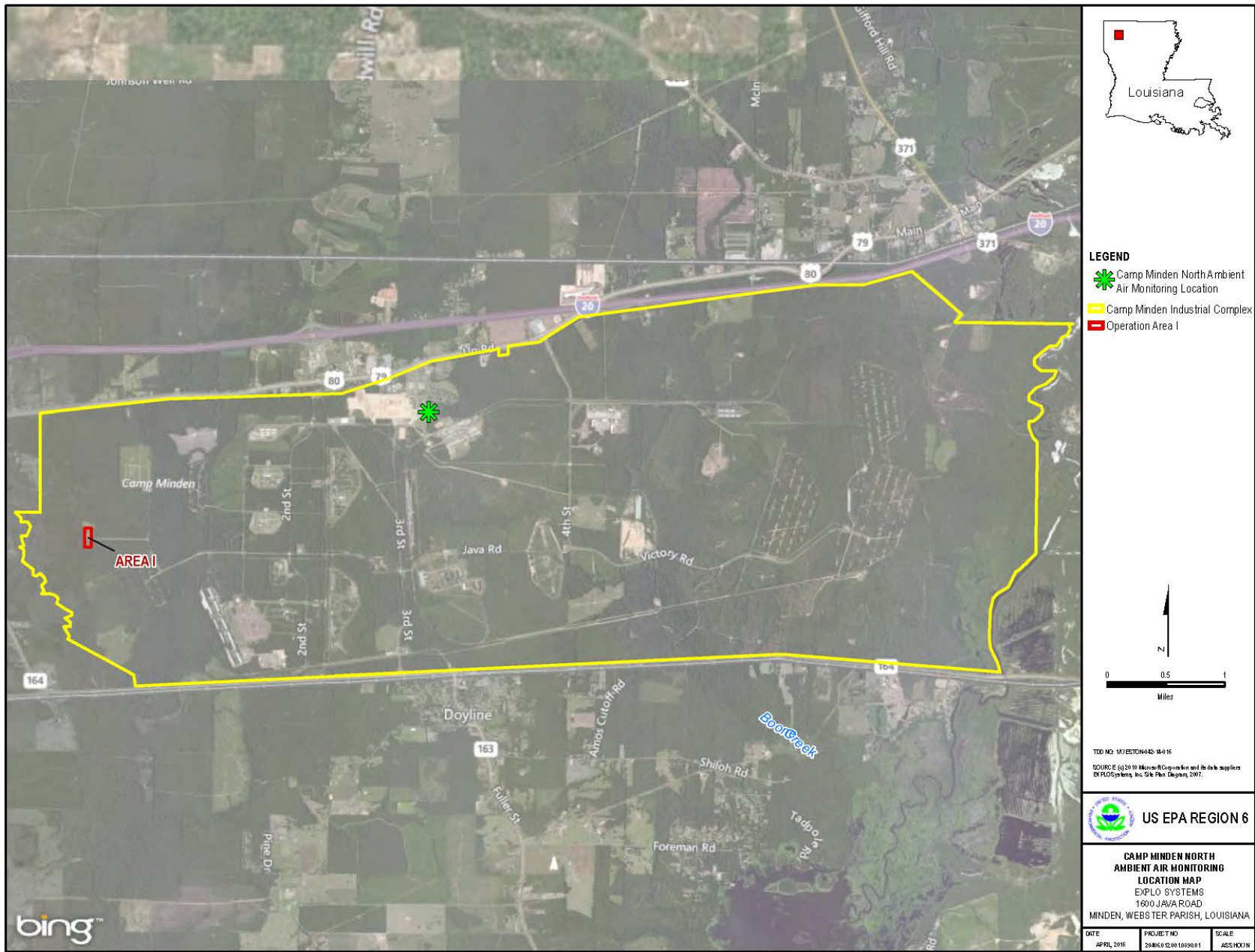
National Ambient Air Quality Standards (NAAQS) of criteria pollutants (CO, NO2, SO2, and PM2.5) are listed with specific time frames and calculation formulas. Please visit NAAQS website for more in-depth information on how these are calculated - <https://www.epa.gov/criteria-air-pollutants/naaqs-table>.

\*\* Note: PM2.5 was captured in 60-min averages. All other analytes were captured in 1-min averages.

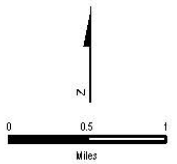
**Summary for 08 May 2016 at Camp Minden North**

Analyte	Highest Hourly Average Measurement	Highest Measurement	Units	NAAQS Standard
CO	0.554	0.627	ppm	35 (1-hour)
CO2	508.0	525.9	ppm	For Monitoring Only
NO	0.5	3.0	ppb	For Monitoring Only
NO2	3.4	5.5	ppb	100 (1-hour)
NOX	3.9	7.4	ppb	100 (1-hour)
SO2	0.4	0.8	ppb	75 (1-hour)
Analyte	Average 24-hour Measurement	Highest Measurement	Units	NAAQS Standard
PM 2.5	7.579	11.3	ug/m3	35 (24-hour)

# Camp Minden North Station Location Map for 08 May 2016



- LEGEND**
- Camp Minden North Ambient Air Monitoring Location
  - Camp Minden Industrial Complex
  - Operation Area I



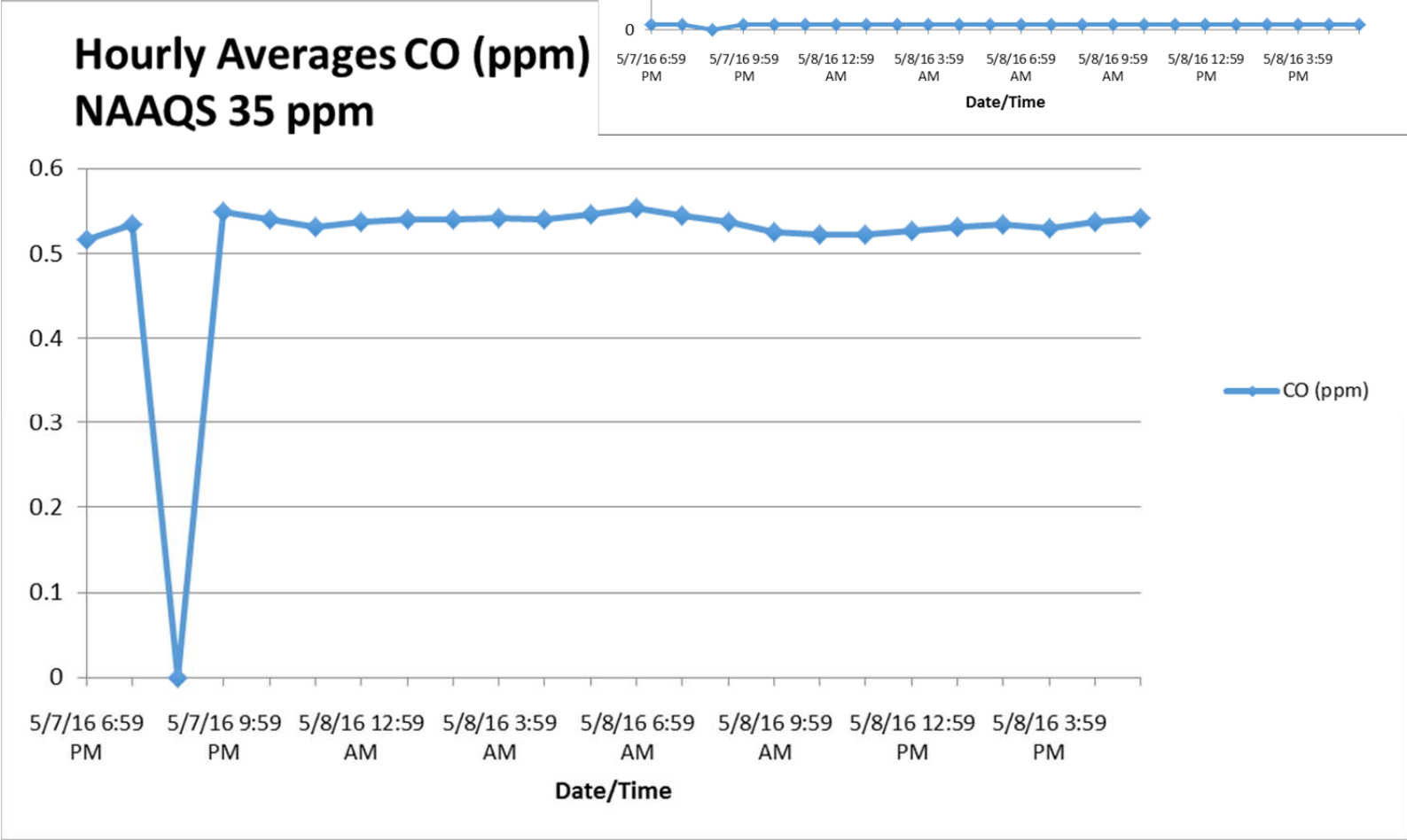
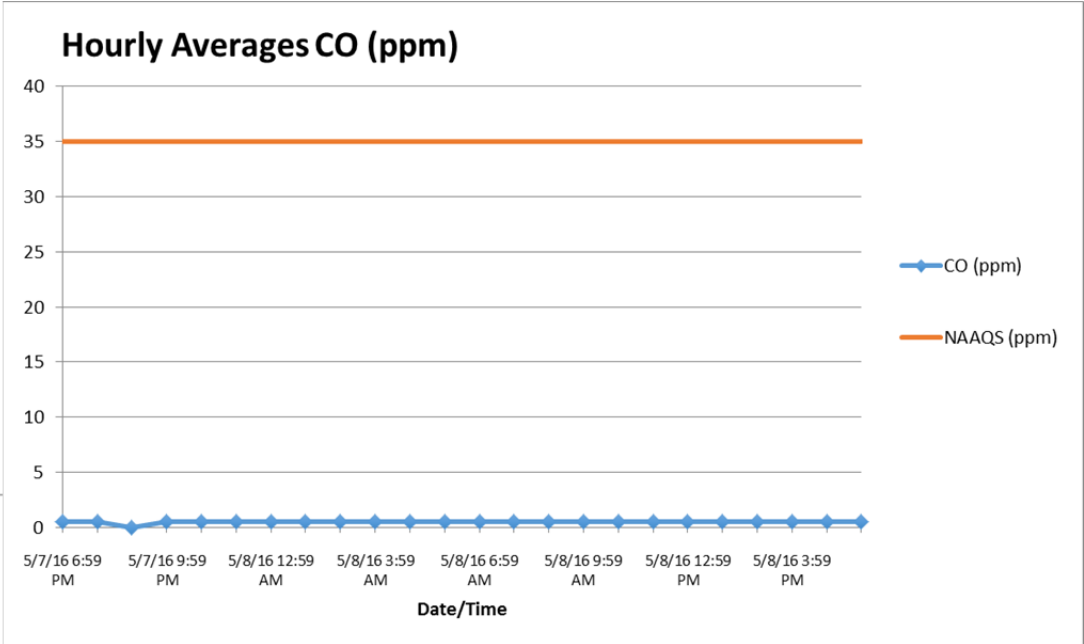
TDD NO. 141 ECTD042-14-15  
 SOURCE (S) 2016 Microsoft Corporation and its data suppliers  
 BING Maps, Inc. © 2016 Microsoft, 2017.



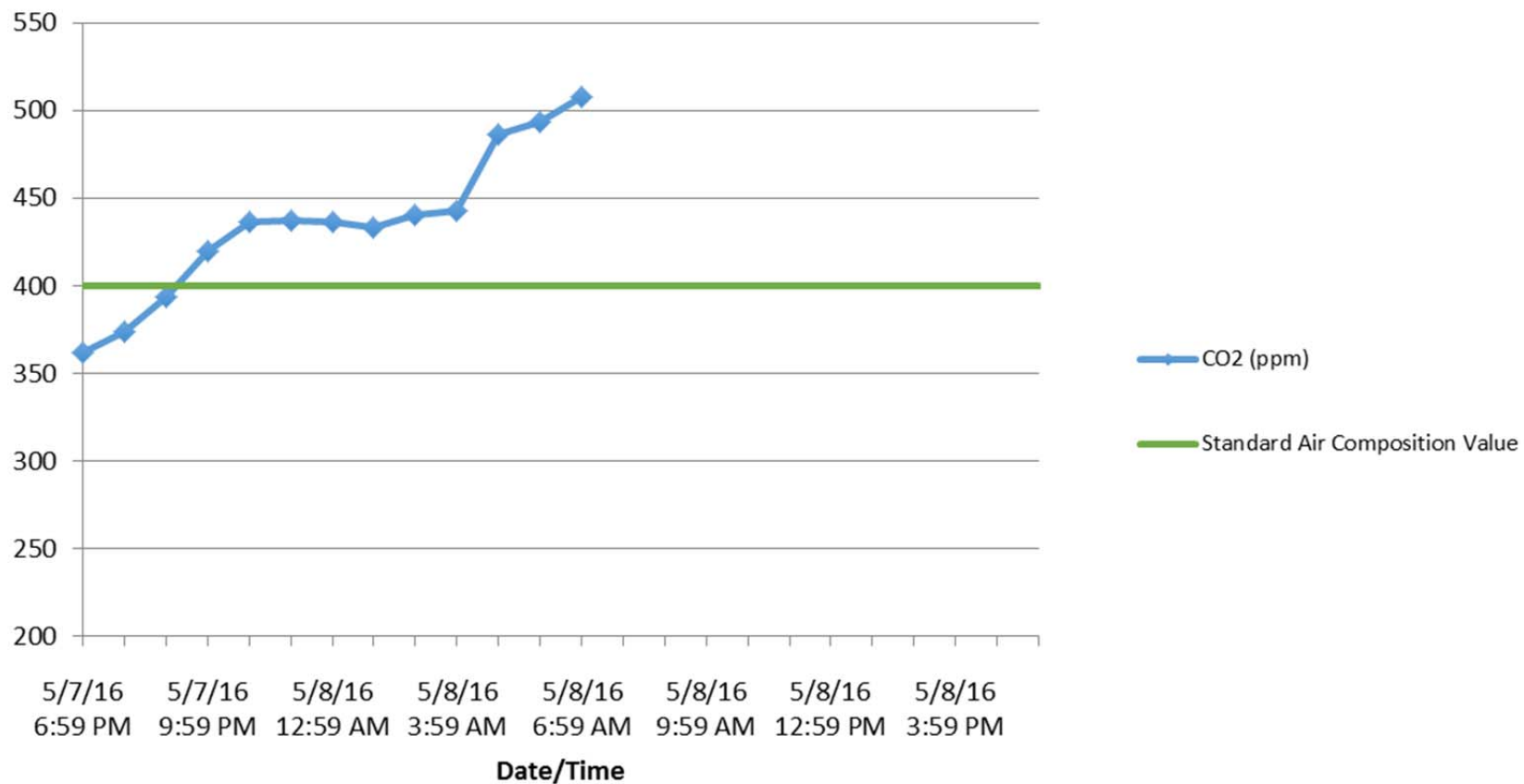
**CAMP MINDEN NORTH  
 AMBIENT AIR MONITORING  
 LOCATION MAP**  
 EXPLO SYSTEMS  
 1600 JAVA ROAD  
 MINDEN, WEBSTER PARISH, LOUISIANA

DATE	PROJECT NO	SCALE
APRIL 2016	EXPLO-2016-10036-01	AS SHOWN

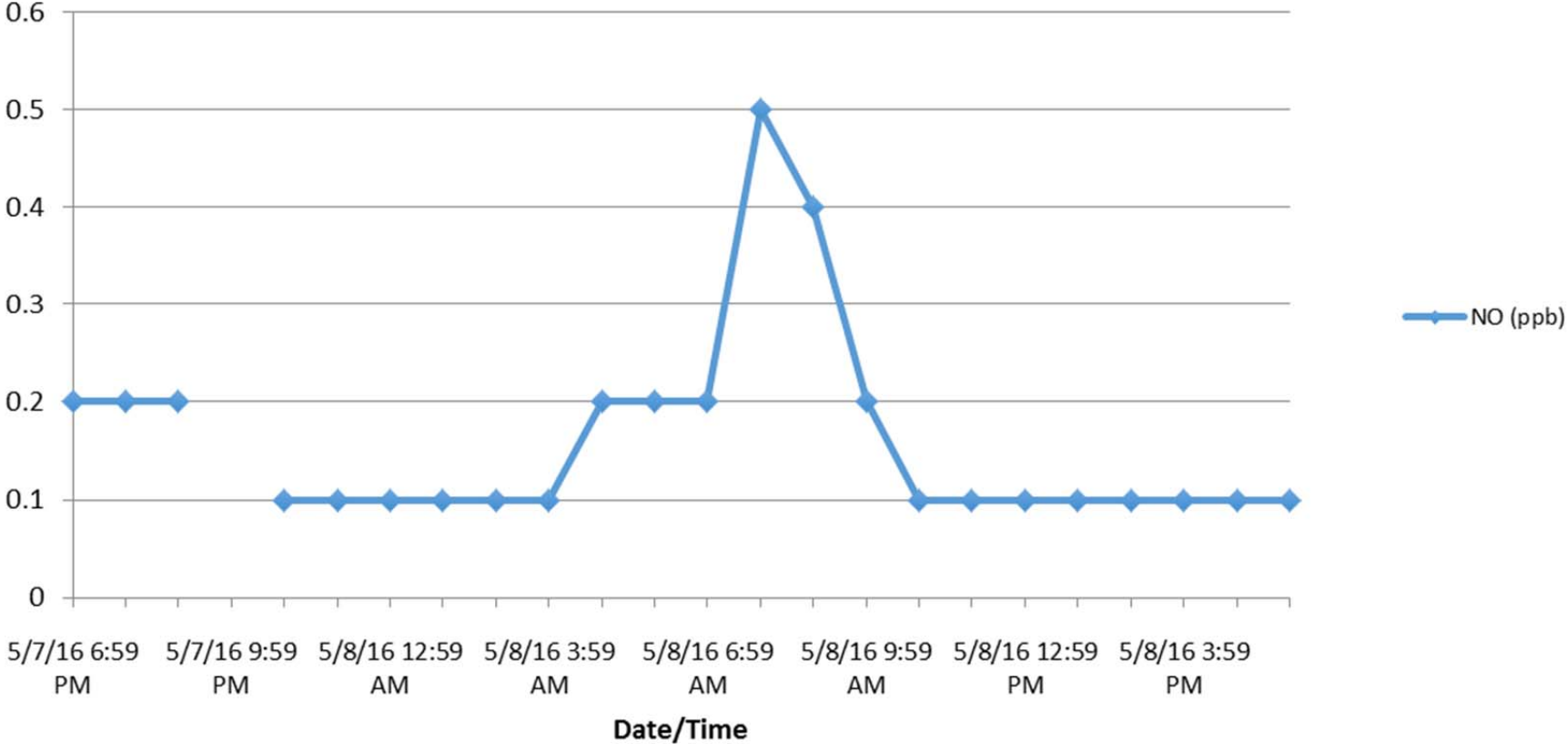
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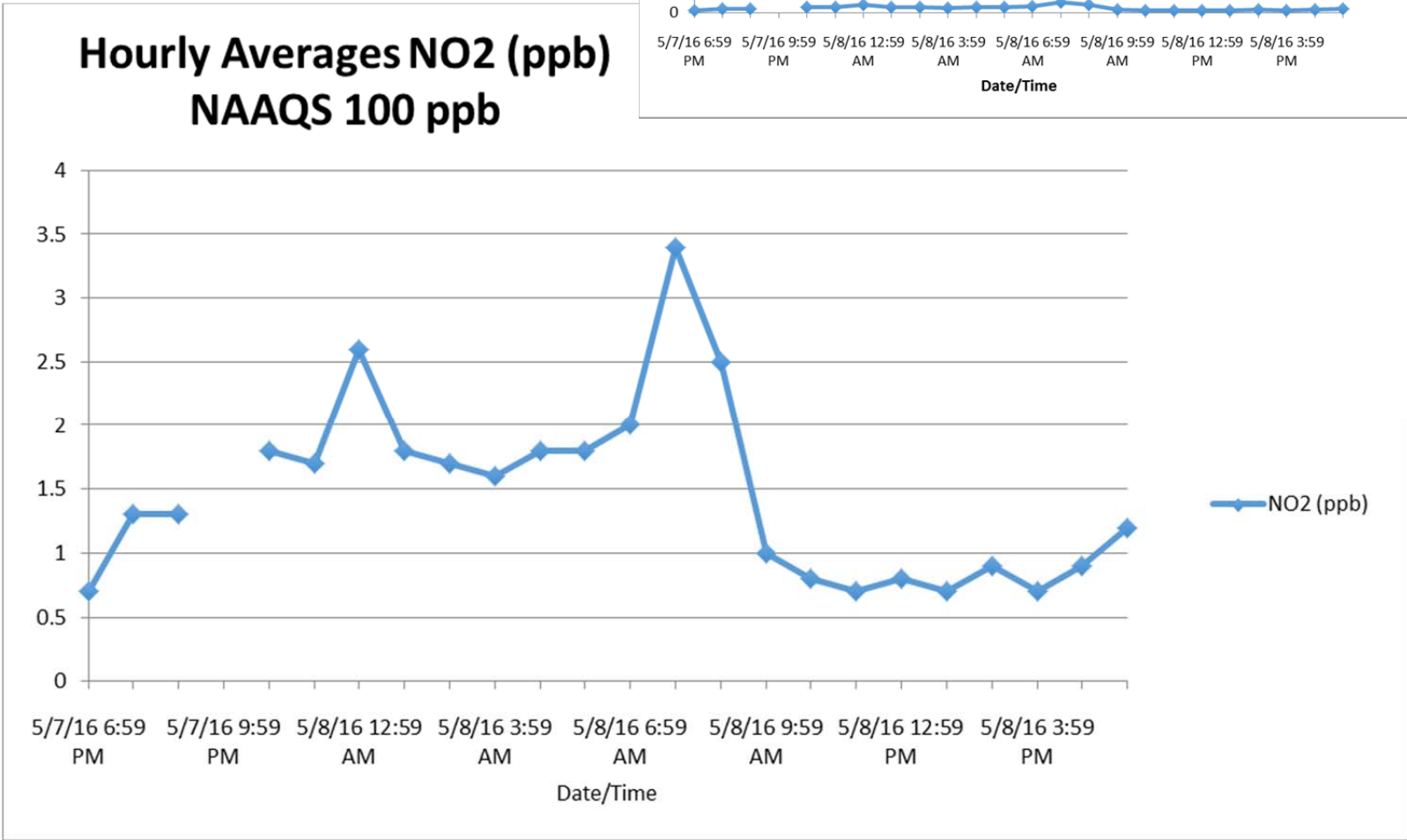
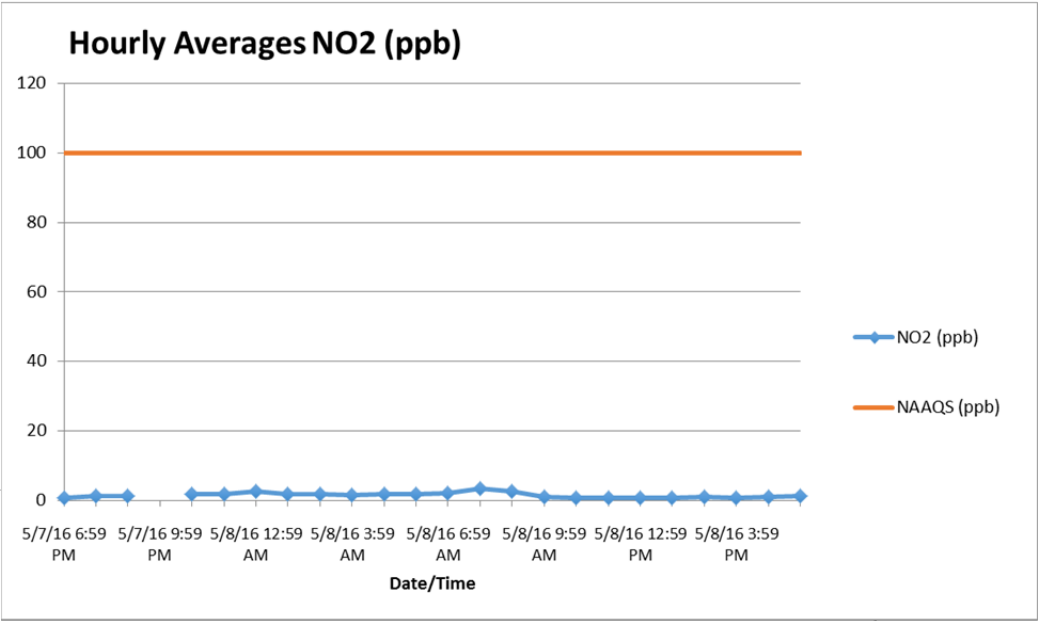


## Hourly Averages CO2 (ppm) For Monitoring Only

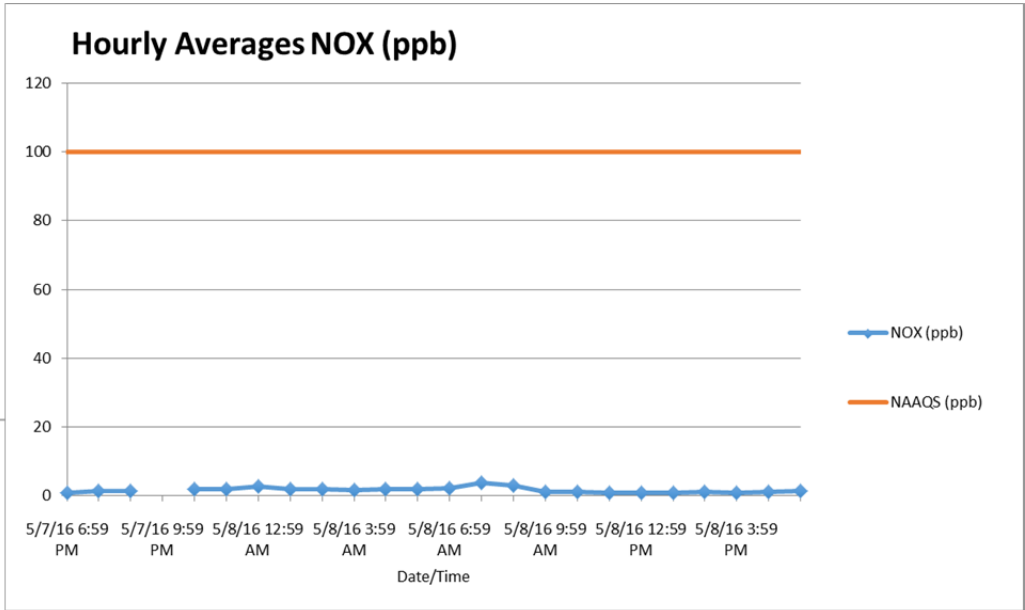
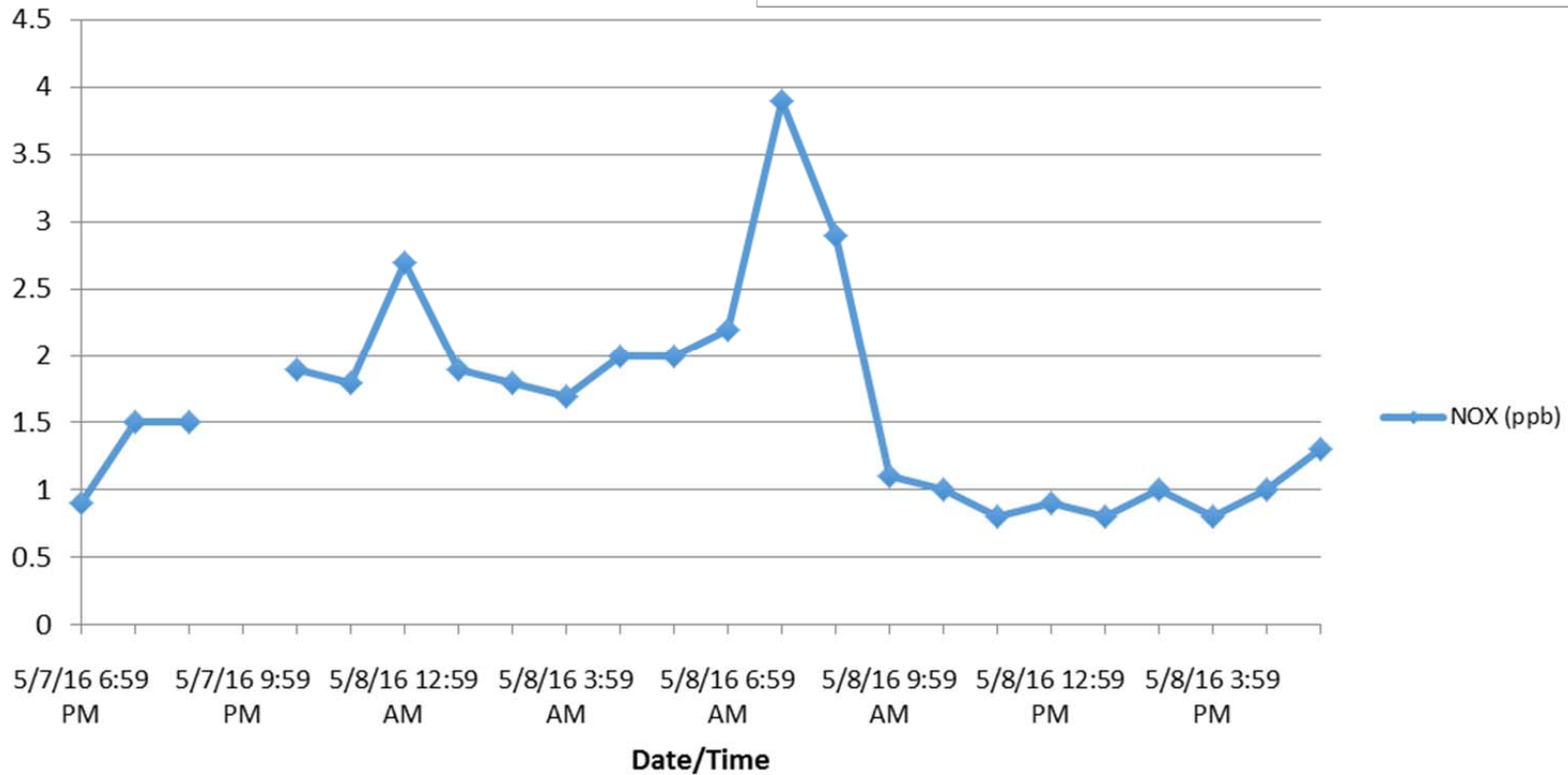


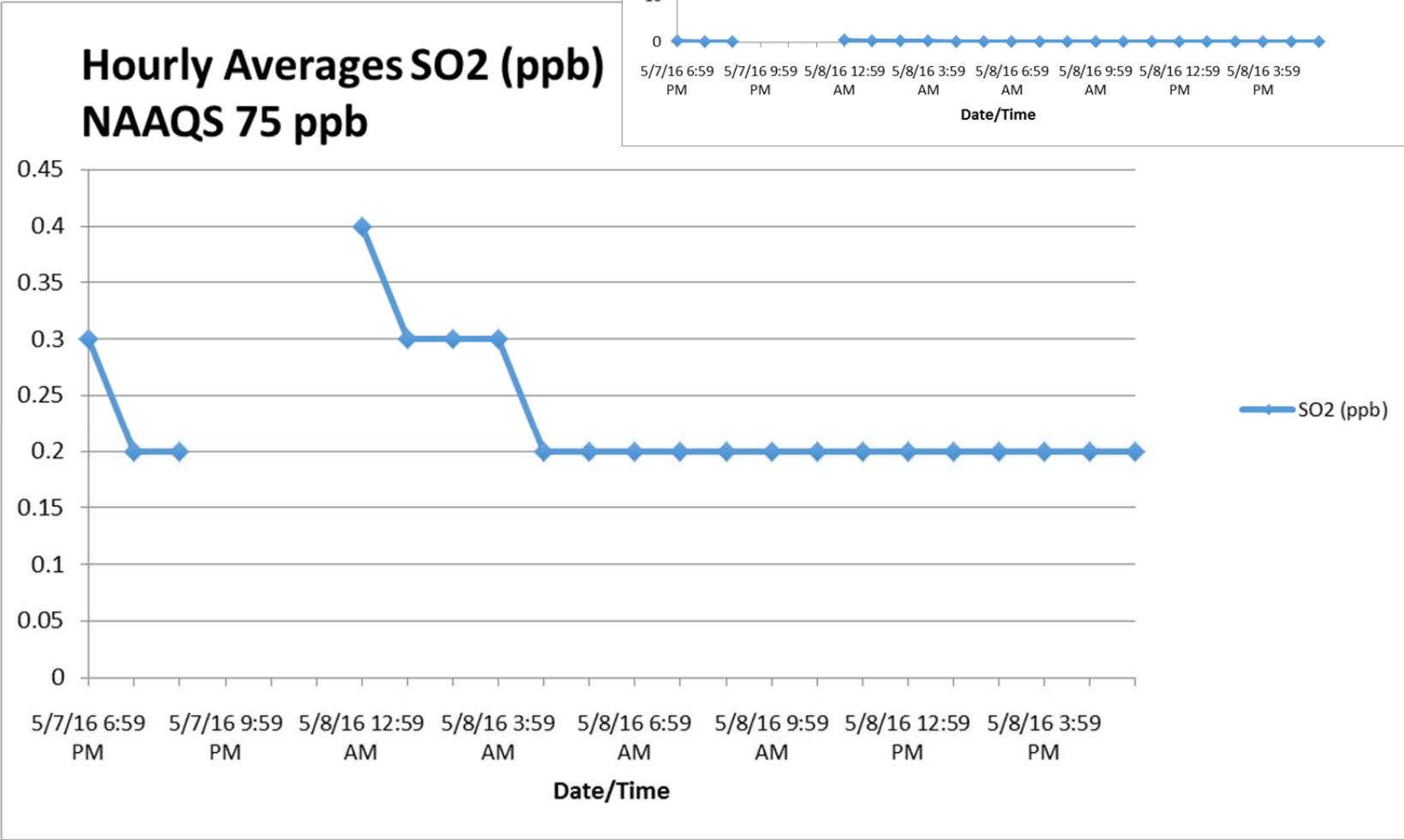
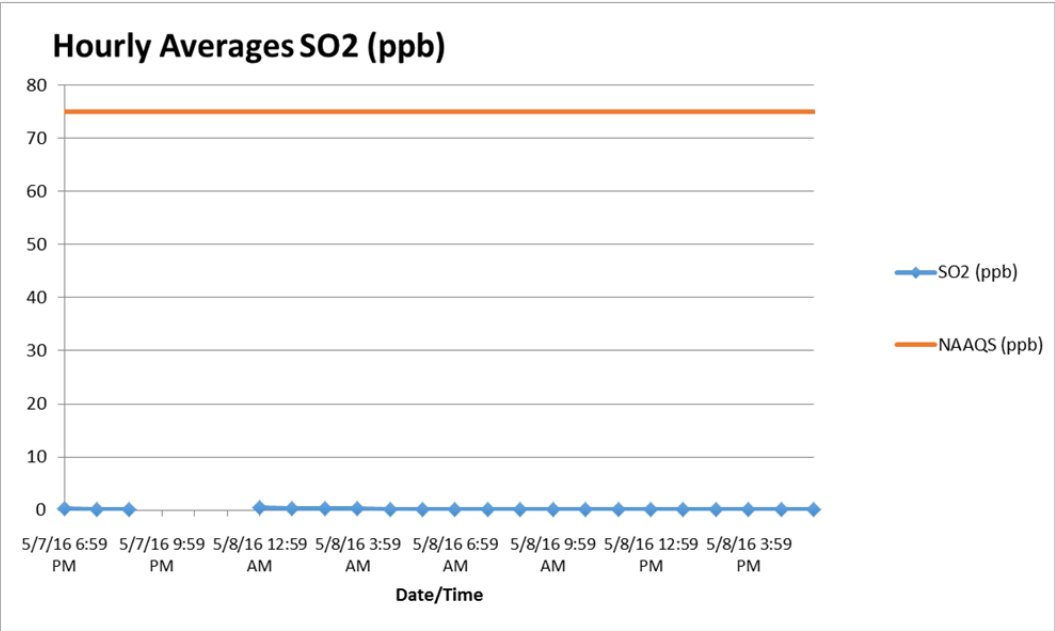
# Hourly Averages NO (ppb) For Monitoring Only





# Hourly Averages NOX (ppb) NAAQS 100 ppb

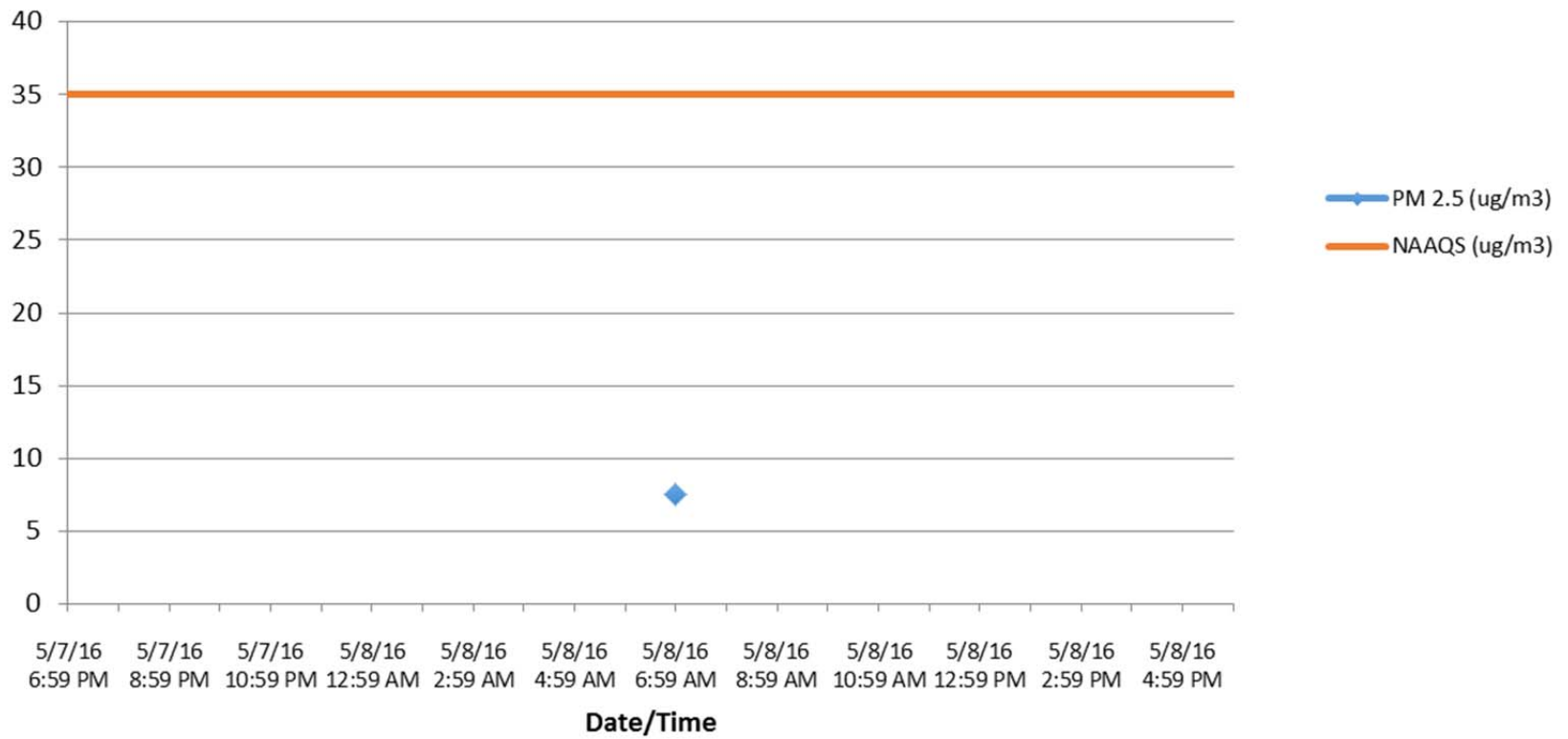






# 24 Hour Average PM 2.5 (ug/m3)

## NAAQS 35 ug/m3



# Hourly Averages PM 2.5 (ug/m3)

