

FINAL
U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VI



Air Monitoring Summary

Camp Minden North

Start Time: 07-12-2016 1800 - End Time: 07-13-2016 1800

July 13, 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 12, 2016 1800 through July 13, 2016, 2016 1800
- 2 Highest measurement of each analyte from July 12, 2016 1800 through July 13, 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/naaqs-table>.

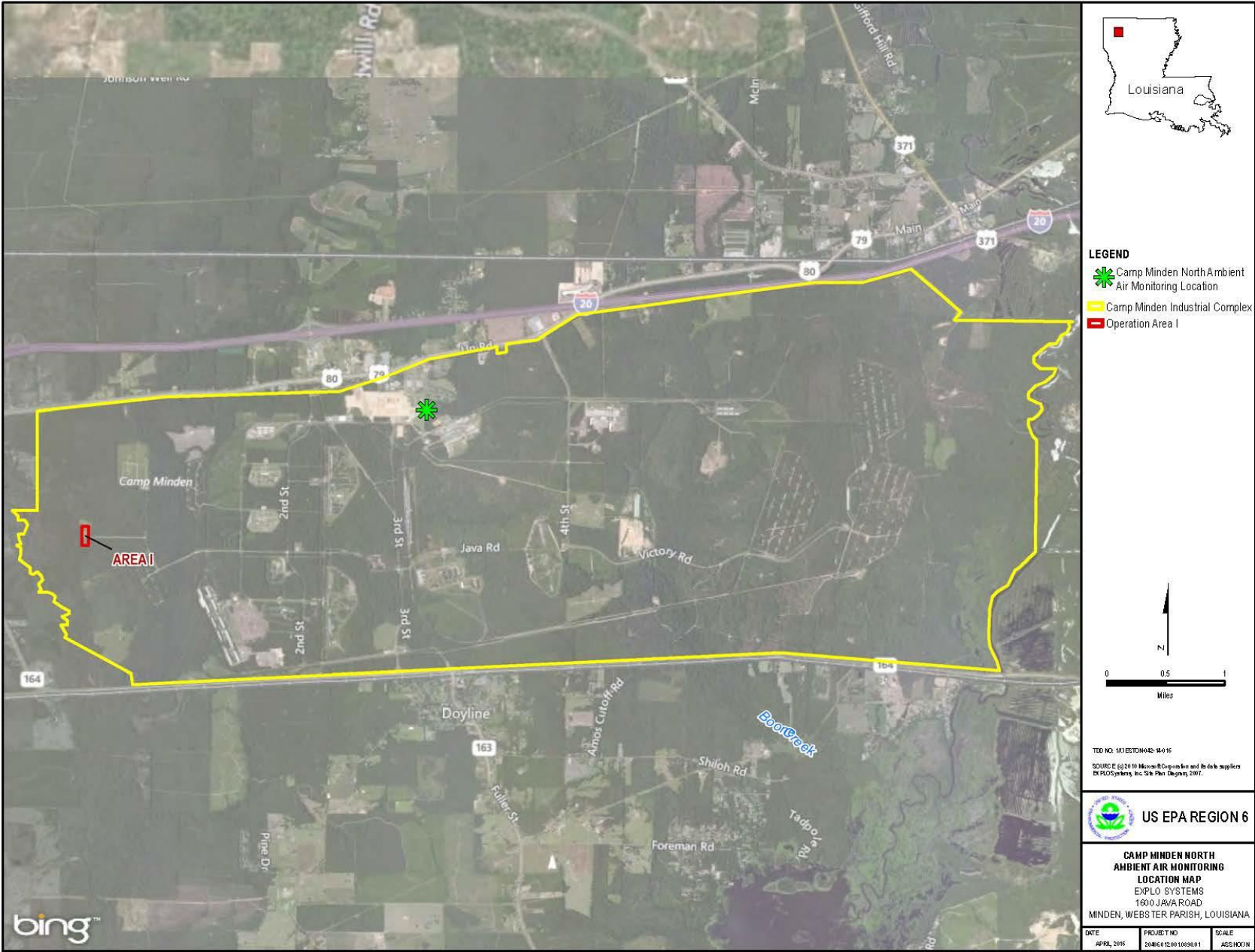
**** Note:** The BAM1020 troubleshooting is pending, awaiting download of data from the unit for Met One. Instrument is left operating to allow troubleshooting; data are being invalidated for reporting. The PM_{2.5} data are still qualitative (track trends), but are not completely accurate quantitatively (biased high).

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

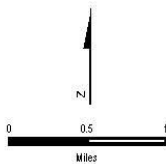
Summary for 13 July 2016 at Camp Minden North

Analyte	Highest Hourly Average Measurement	Highest Measurement	Units	NAAQS Standard
CO	0.192	0.851	ppm	35 (1-hour)
CO2	512.6	537.6	ppm	For Monitoring Only
NO	1.8	22.9	ppb	For Monitoring Only
NO2	1.9	4.0	ppb	100 (1-hour)
NOX	2.6	22.9	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	0	0	ug/m3	35 (24-hour)

Camp Minden North Station Location Map for 13 July 2016



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



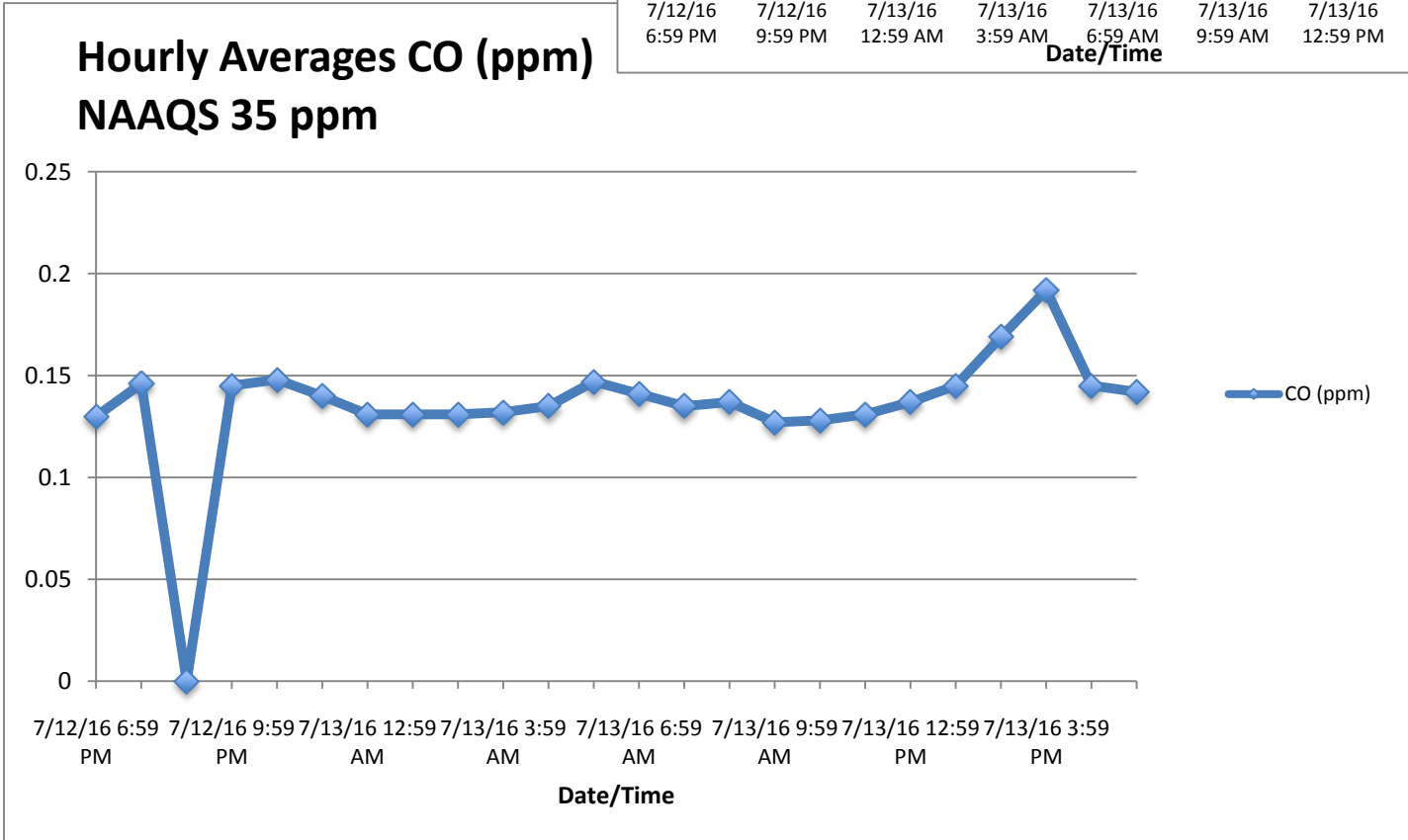
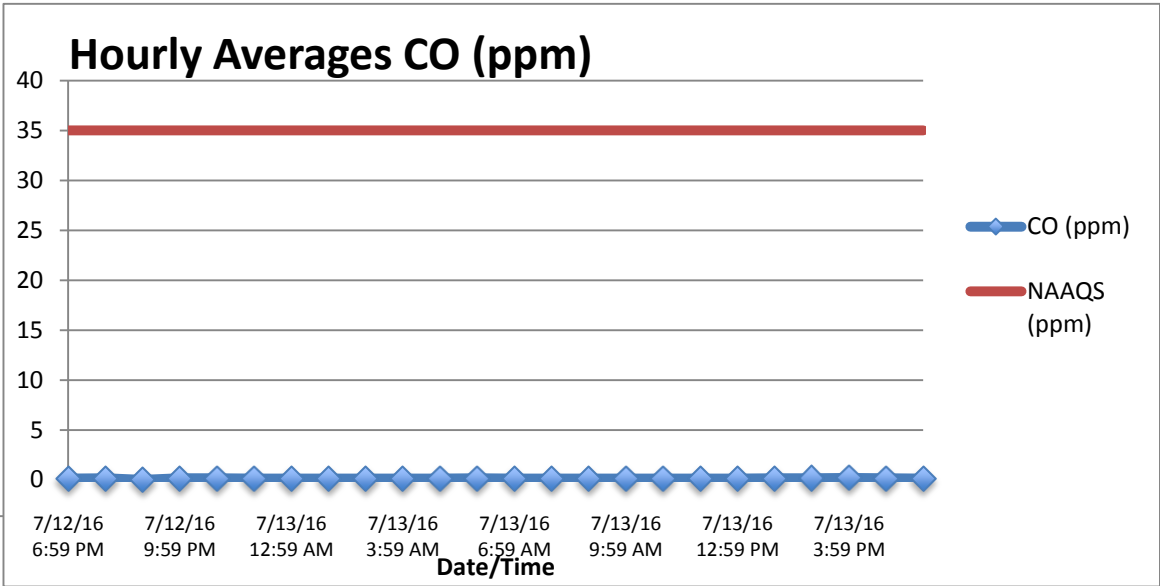
TDD NO. M15EDJW42-14-15
SOURCE (S) 2015 Microsoft Corporation and its data suppliers
BING Systems, Inc. Site Plan Diagram, 2017.



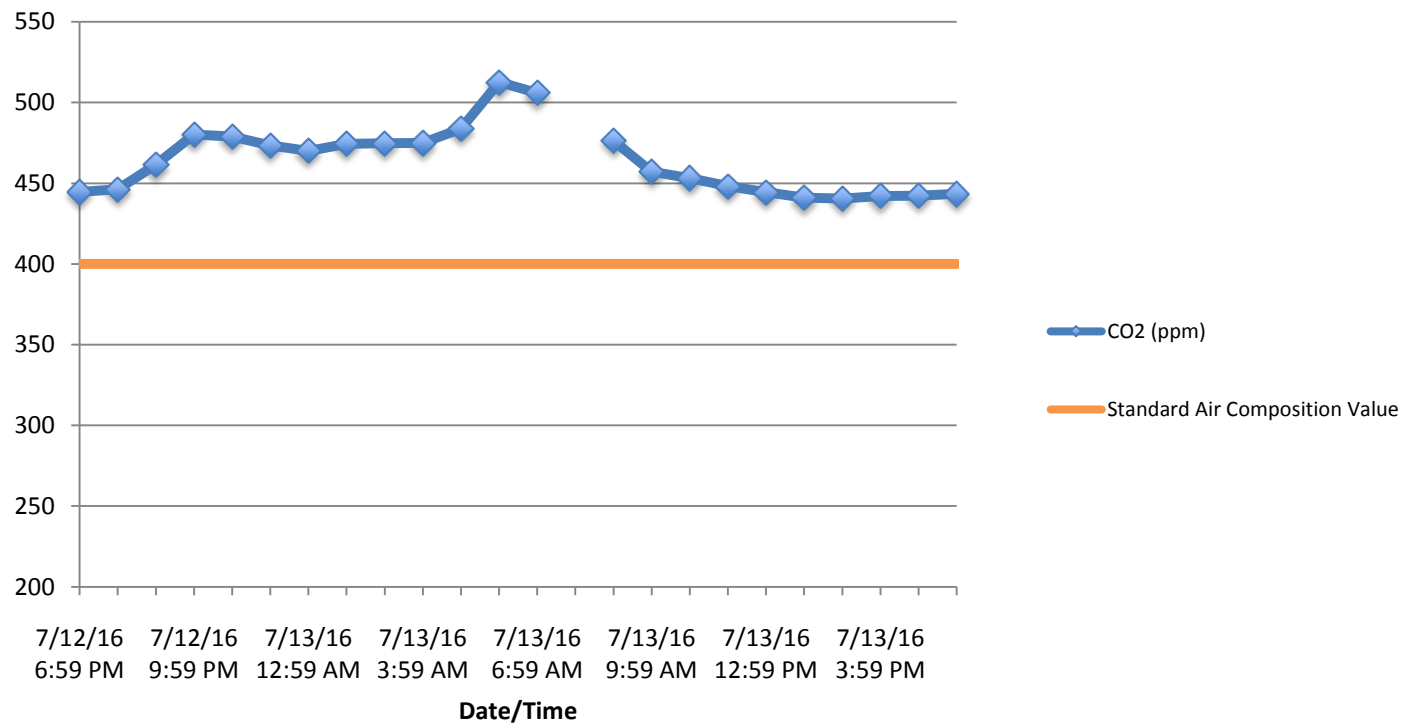
**CAMP MINDEN NORTH
AMBIENT AIR MONITORING
LOCATION MAP**
EXPLO SYSTEMS
1600 JAVA ROAD
MINDEN, WEBSTER PARISH, LOUISIANA

DATE APRIL 2016	PROJECT NO EXPLO-2015-10036-01	SCALE AS SHOWN
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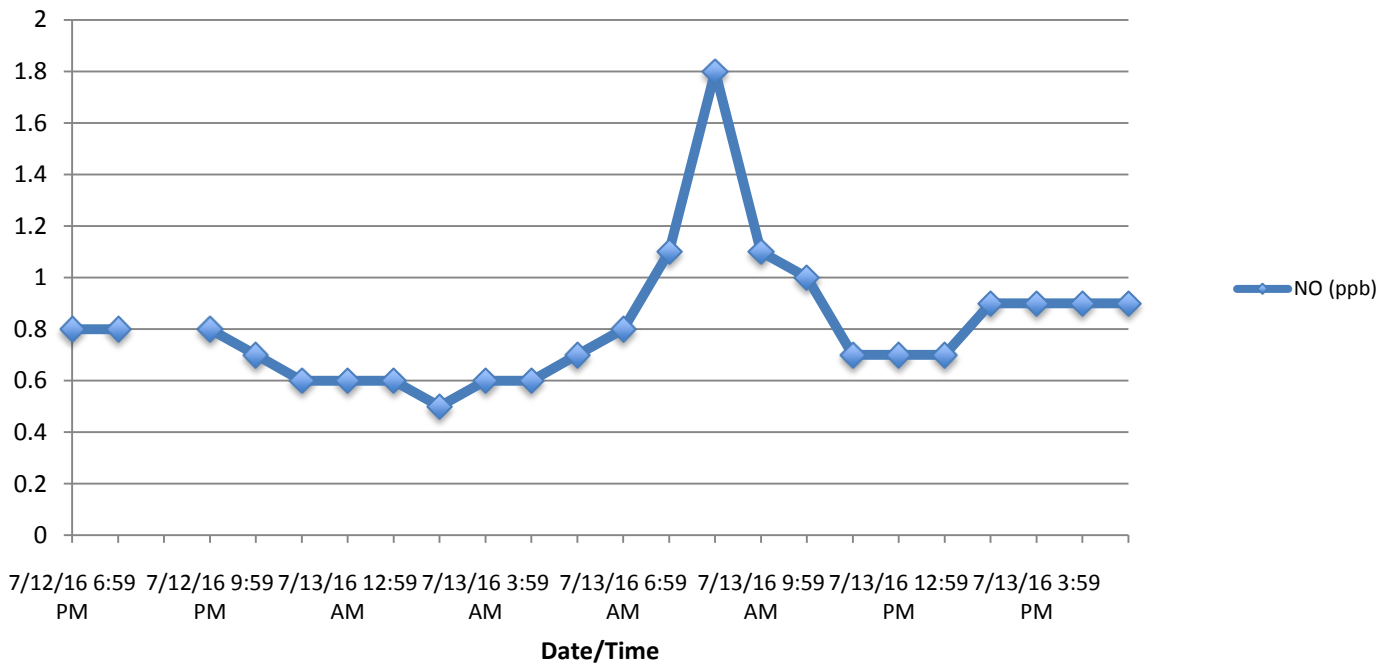
FILE: L:\2016-04-20\16_04_20_15\2016-04-20_15\1600 JAVA ROAD MINDEN NORTH AMBIENT AIR MONITORING LOCATION MAP.PDF 3/25/2016 10:43:24 AM



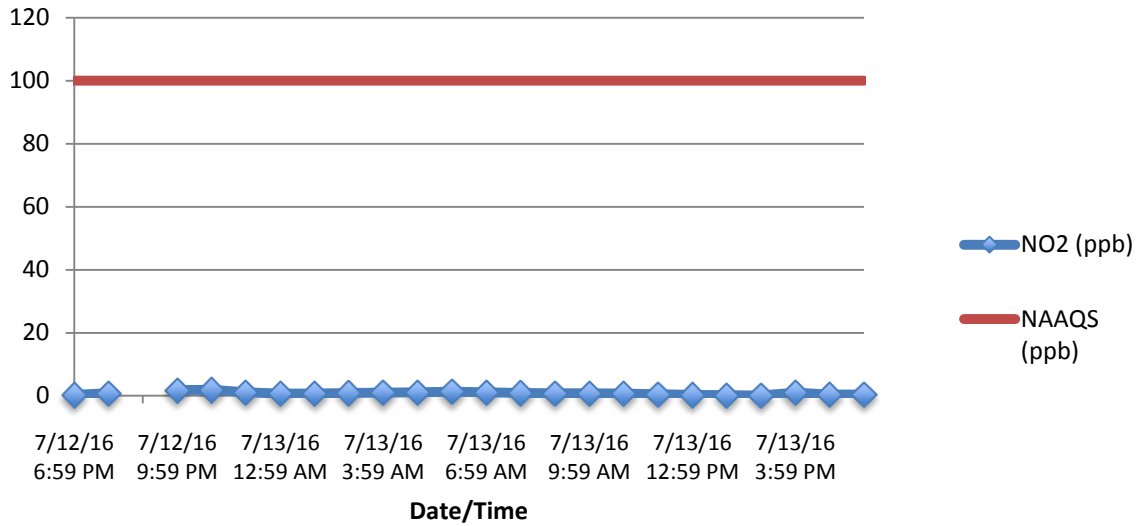
Hourly Averages CO2 (ppm) For Monitoring Only



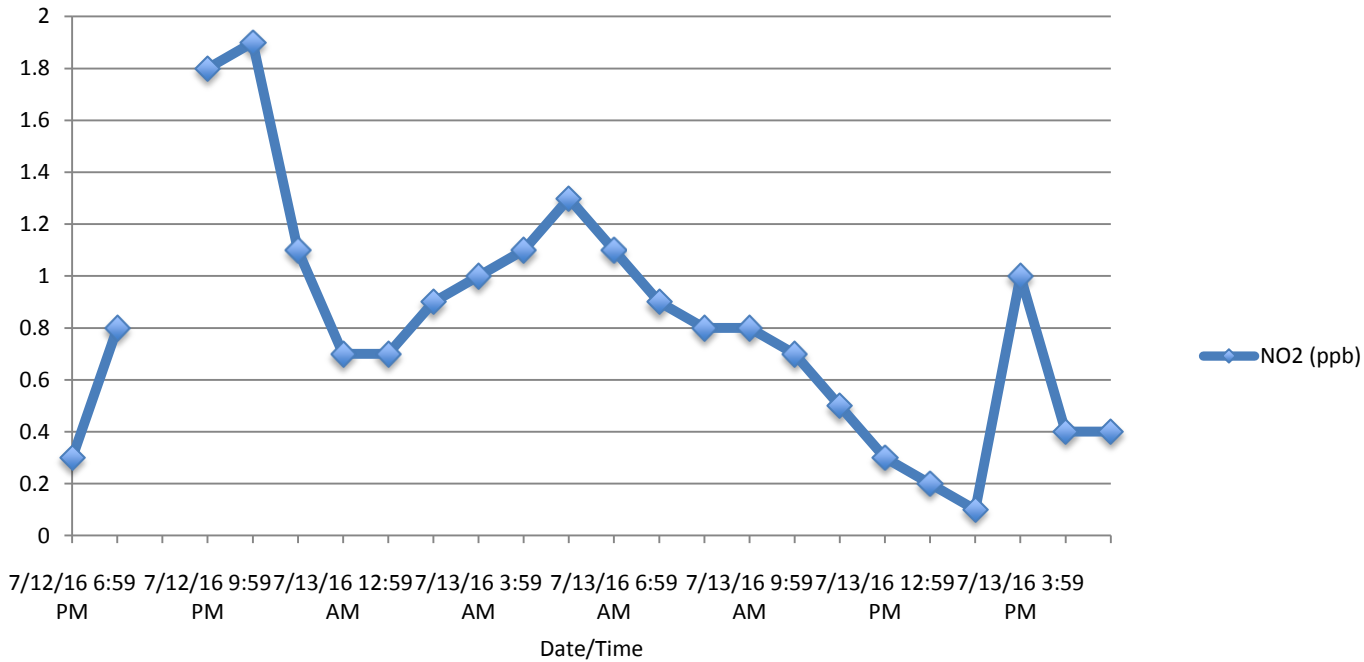
Hourly Averages NO (ppb) For Monitoring Only



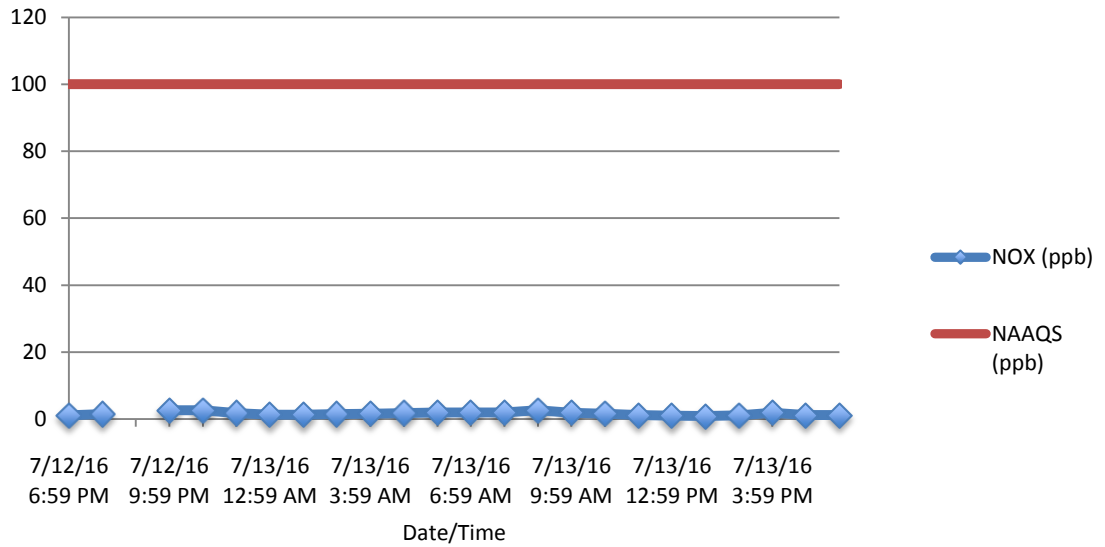
Hourly Averages NO2 (ppb)



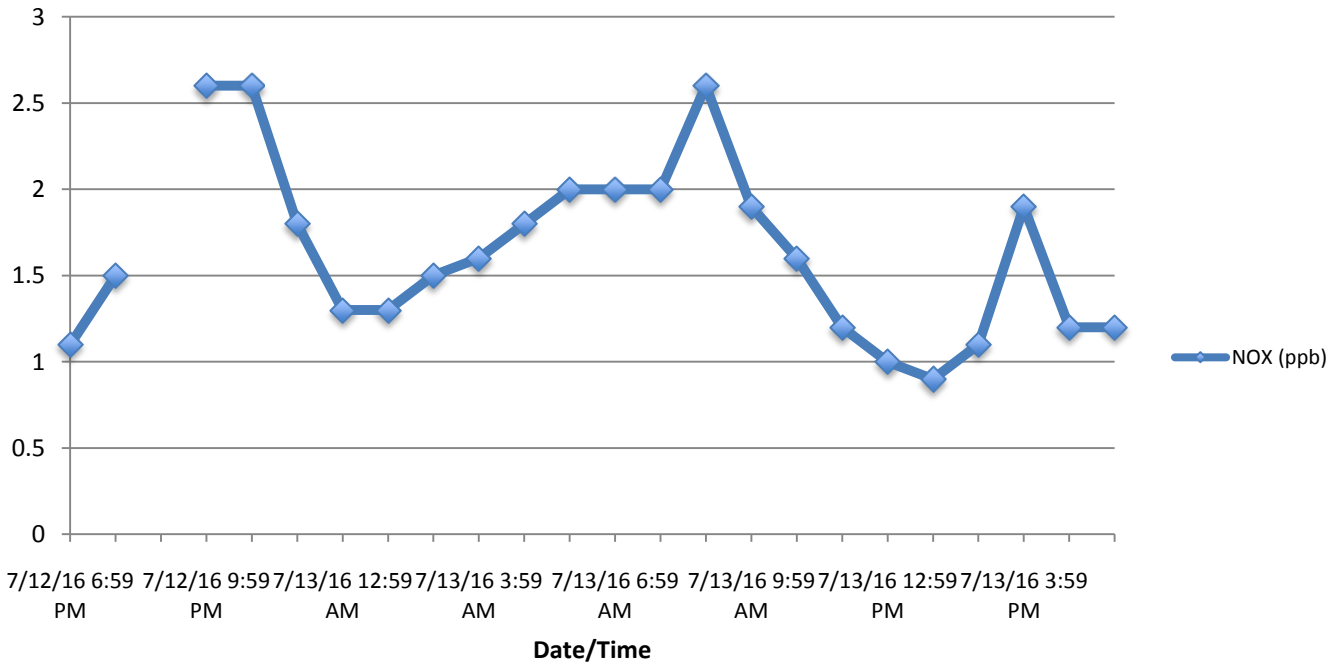
Hourly Averages NO2 (ppb) NAAQS 100 ppb



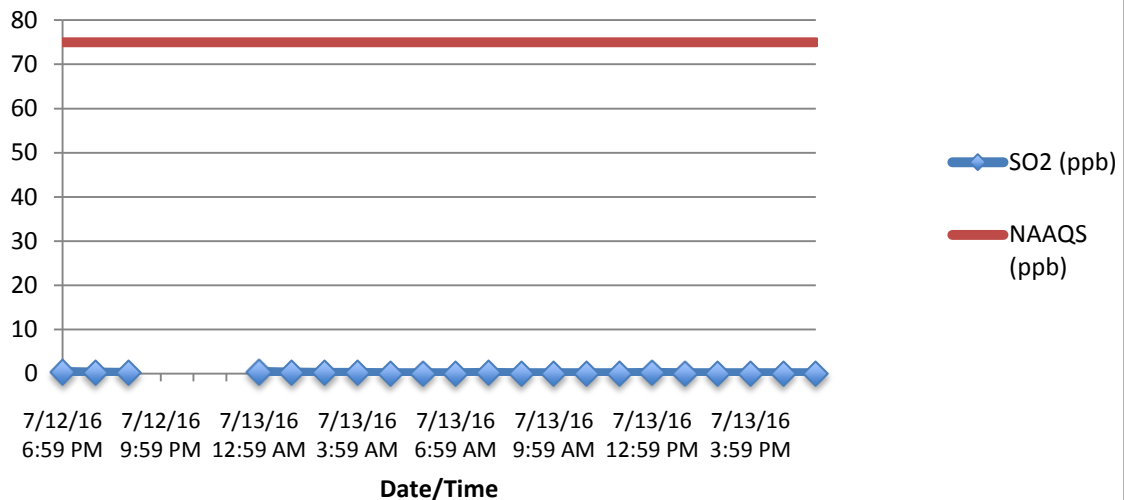
Hourly Averages NOX (ppb)



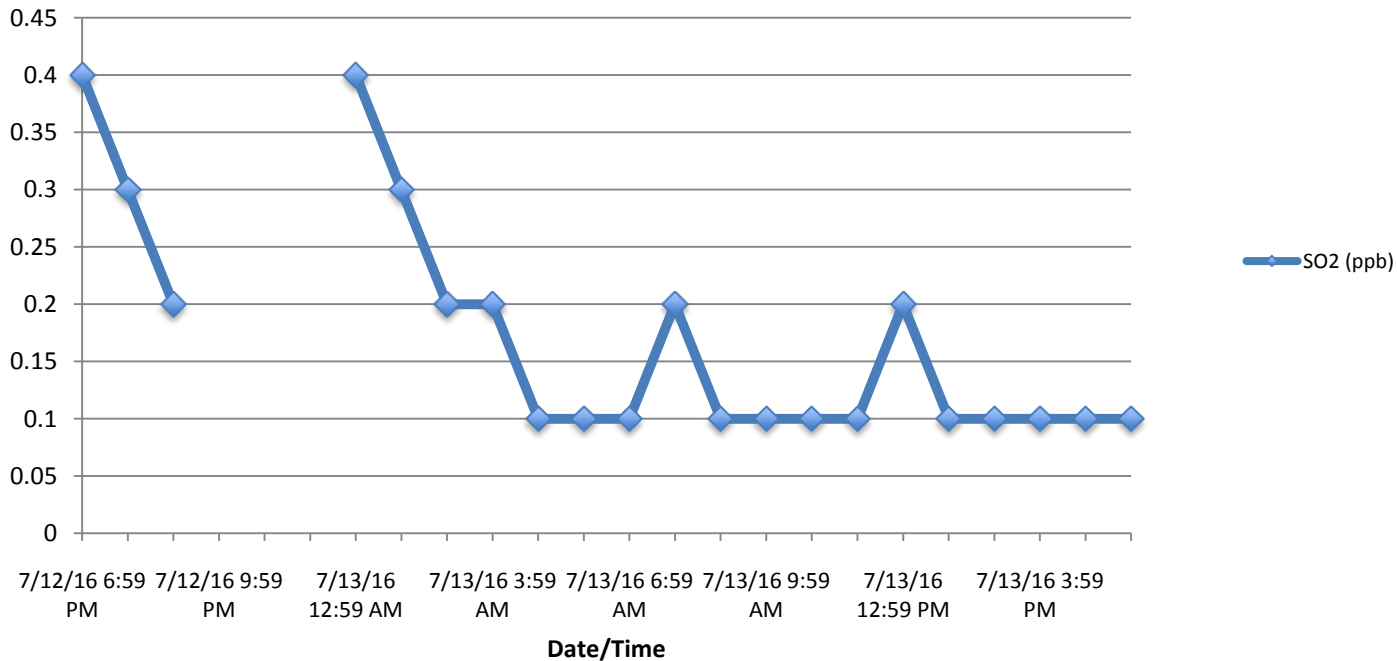
Hourly Averages NOX (ppb) NAAQS 100 ppb



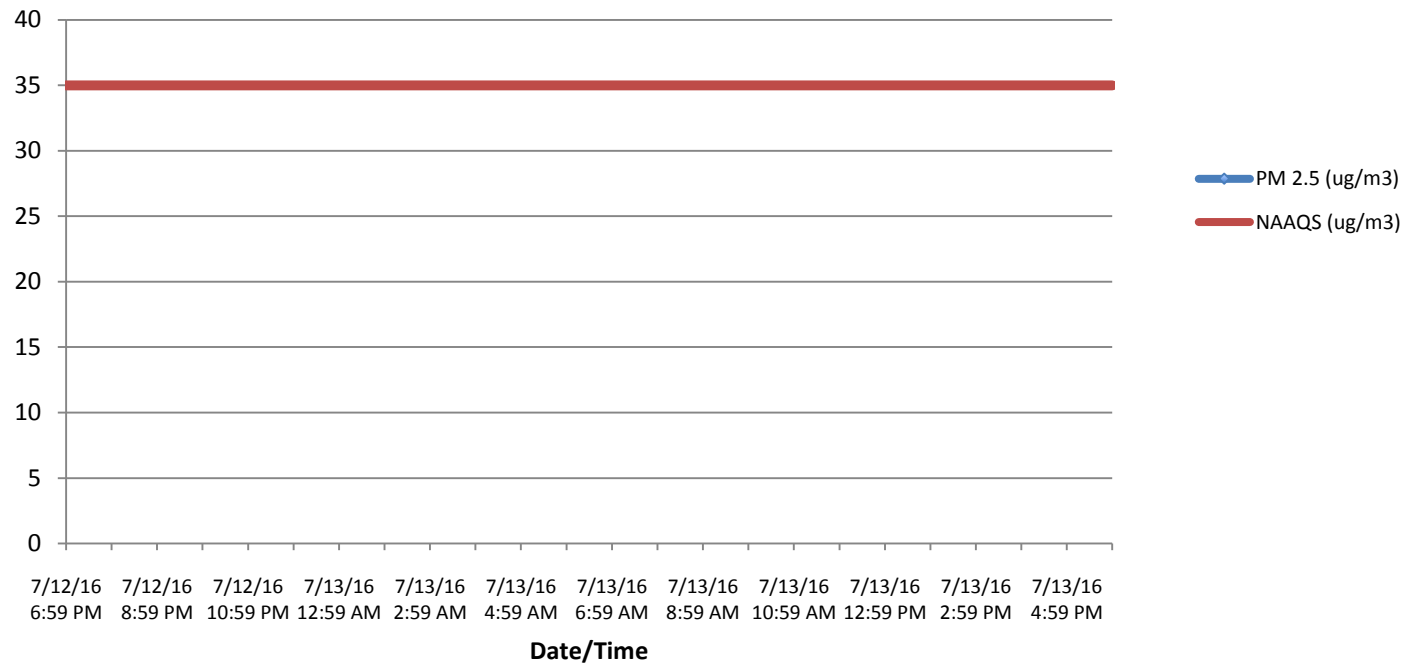
Hourly Averages SO2 (ppb)



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)

