

FINAL
U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VI



Air Monitoring Summary

Camp Minden North

Start Time: 07-30-2016 1800 - End Time: 07-31-2016 1800

July 31, 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 30, 2016 1800 through July 31, 2016, 2016 1800
- 2 Highest measurement of each analyte from July 30, 2016 1800 through July 31, 2016 1800

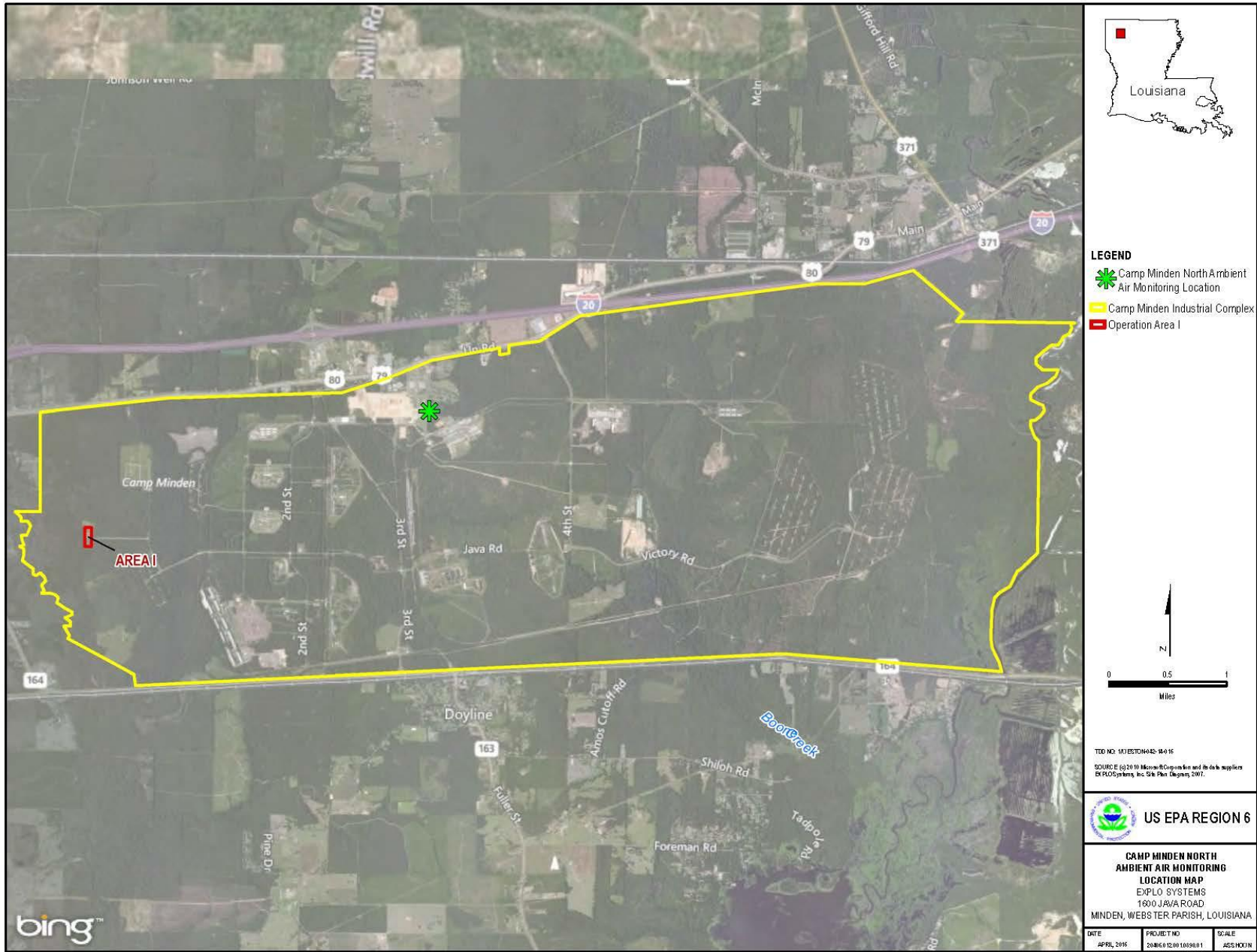
National Ambient Air Quality Standards (NAAQS) of criteria pollutants (CO, NO₂, SO₂, and PM_{2.5}) are listed with specific time frames and calculation formulas. Please visit NAAQS website for more in-depth information on how these are calculated - <https://www.epa.gov/criteria-air-pollutants/naqs-table>.

**** Note:** All analyzers were operating normally except PM_{2.5}. PM_{2.5} continues invalid for day due to moisture issues.

Summary for 31 July 2016 at Camp Minden North

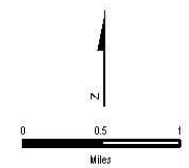
Analyte	Highest Hourly Average Measurement	Highest Measurement	Units	NAAQS Standard
CO	0.176	0.204	ppm	35 (1-hour)
CO ₂	515.4	538.9	ppm	For Monitoring Only
NO	0.9	6.1	ppb	For Monitoring Only
NO ₂	2.9	13.2	ppb	100 (1-hour)
NO _X	3.4	13.9	ppb	100 (1-hour)
SO ₂	0.3	0.7	ppb	75 (1-hour)
Analyte	Average 24-hour Measurement	Highest Measurement	Units	NAAQS Standard
PM 2.5			ug/m3	35 (24-hour)

Camp Minden North Station Location Map for 31 July 2016



LEGEND

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



TDD NO. 141 ECT0402-14-015
 SOURCE (S) 2016 MicroStation file and file data supplied by EXPLO Systems, Inc. Site Plan (Station) 2017.

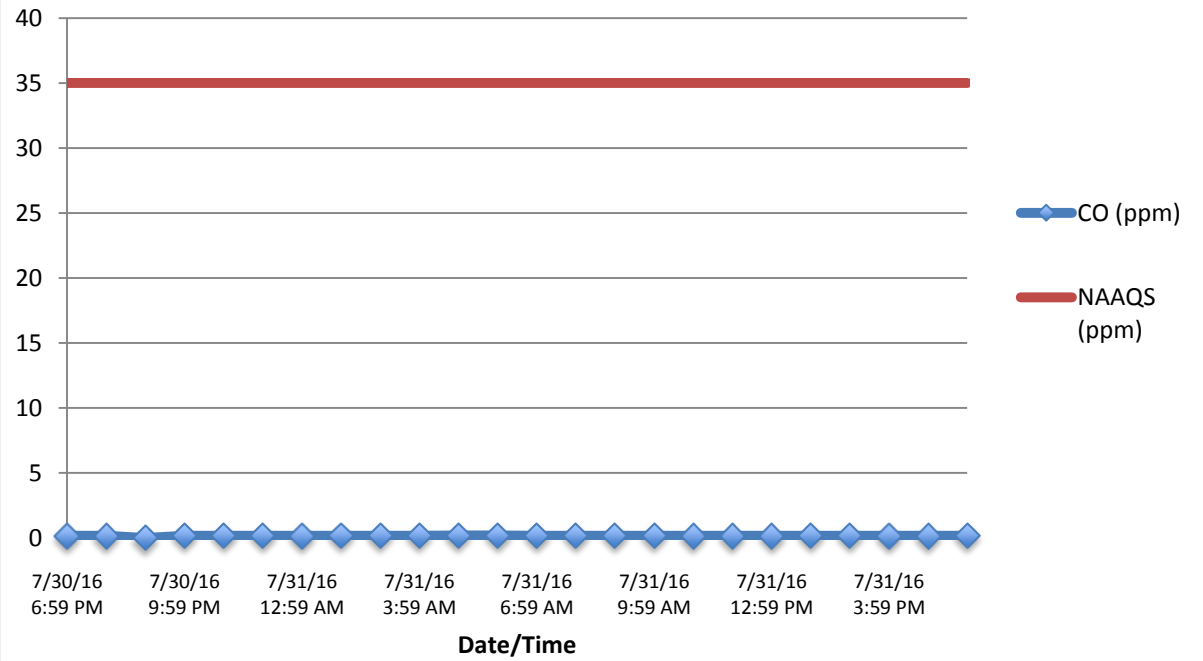


**CAMP MINDEN NORTH
 AMBIENT AIR MONITORING
 LOCATION MAP**
 EXPLO SYSTEMS
 1600 JAVA ROAD
 MINDEN, WEBSTER PARISH, LOUISIANA

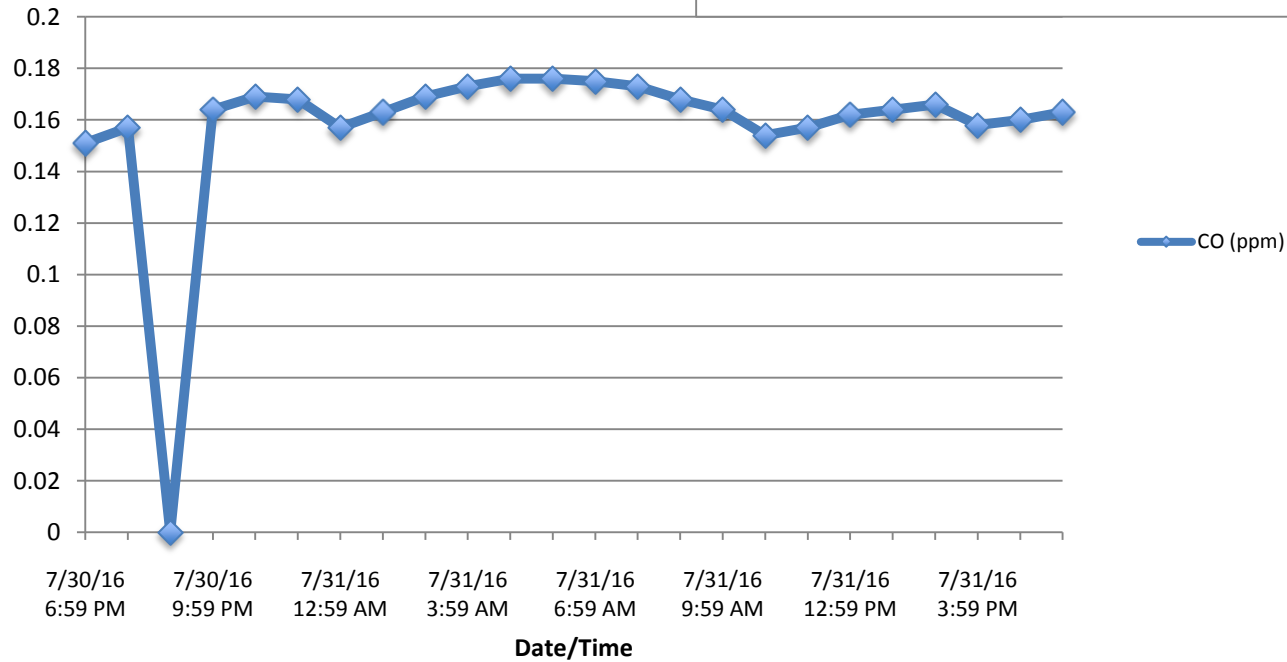
DATE	PROJECT NO.	SCALE
APRIL 2016	EXPLO 2016 100908.01	A3/50000

FILE: L:\02\04\2016\20160420\20160420_01\20160420_01\20160420_01.dwg Project: Minden North ambient air monitoring location map 31 July 2016.dwg

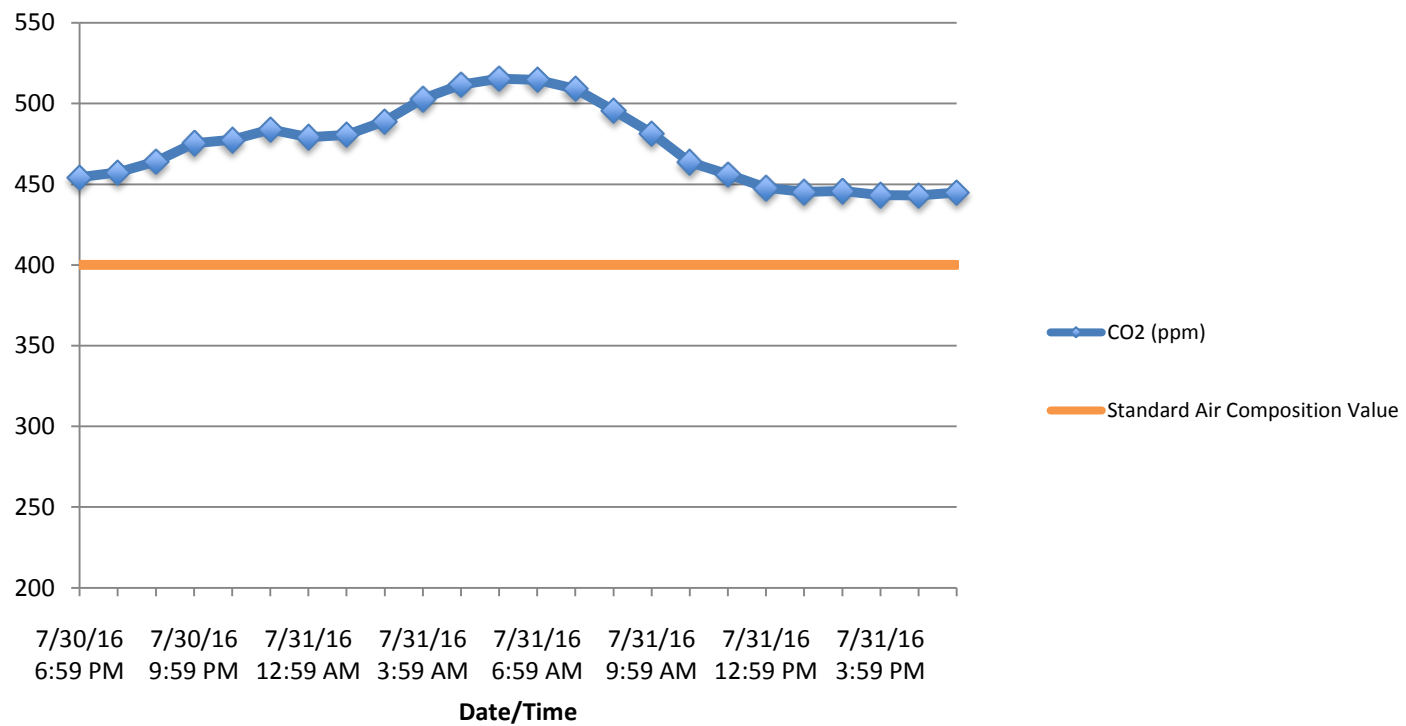
Hourly Averages CO (ppm)



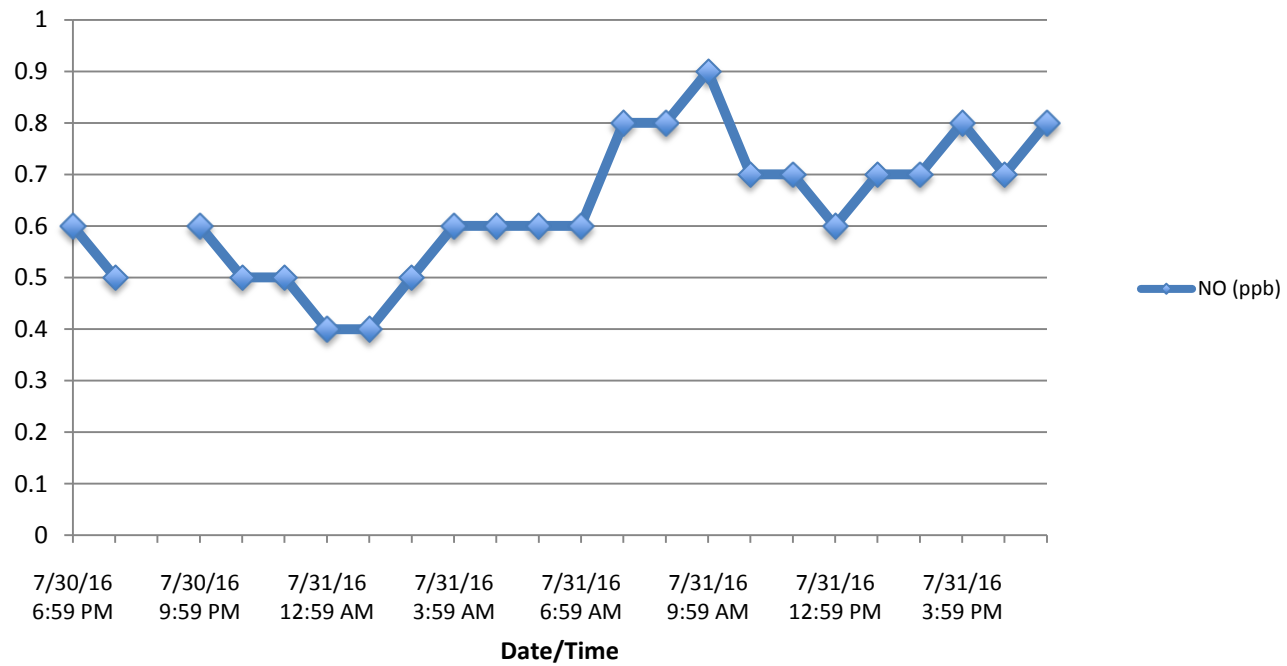
Hourly Averages CO (ppm) NAAQS 35 ppm



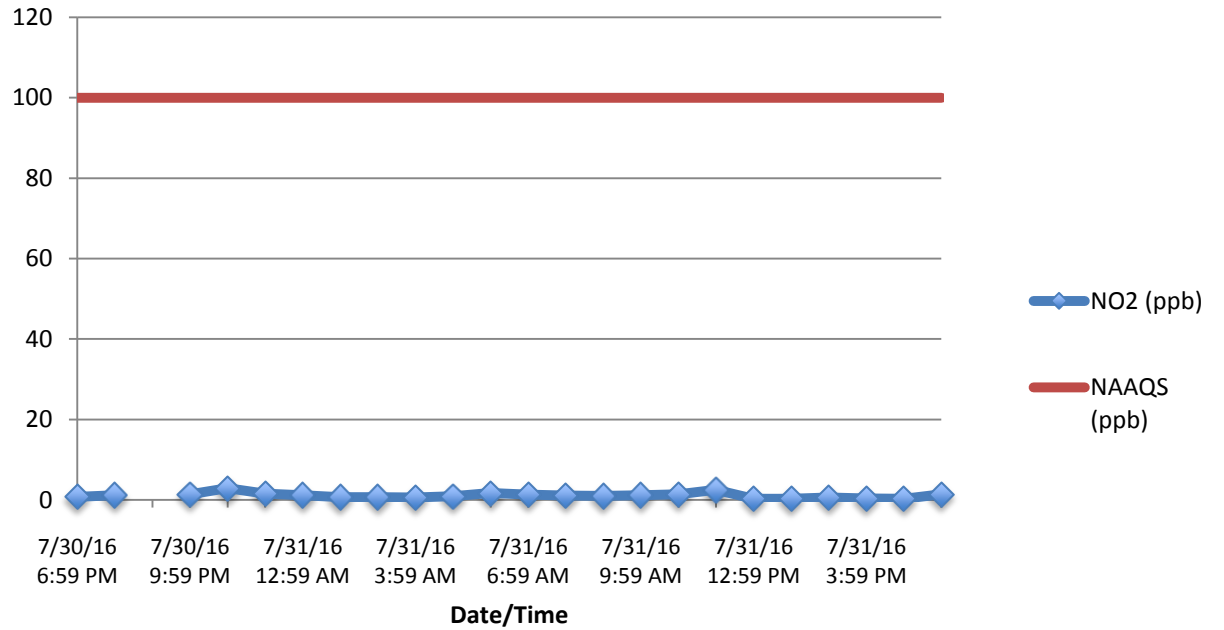
Hourly Averages CO2 (ppm) For Monitoring Only



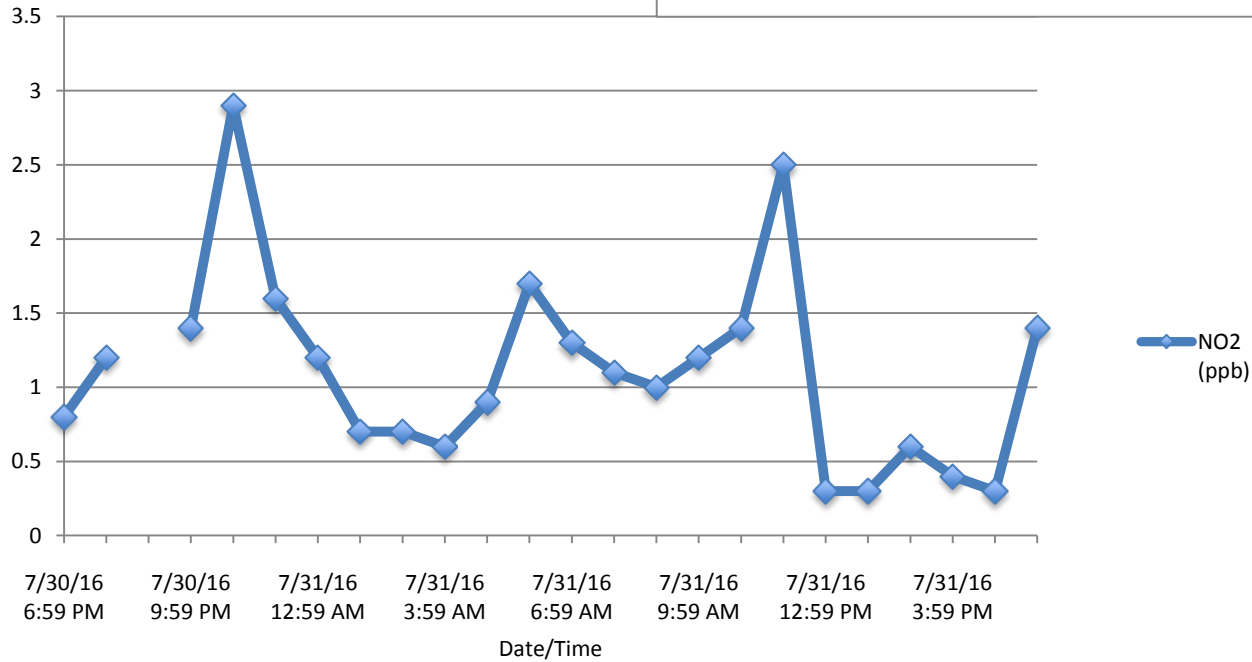
Hourly Averages NO (ppb) For Monitoring Only

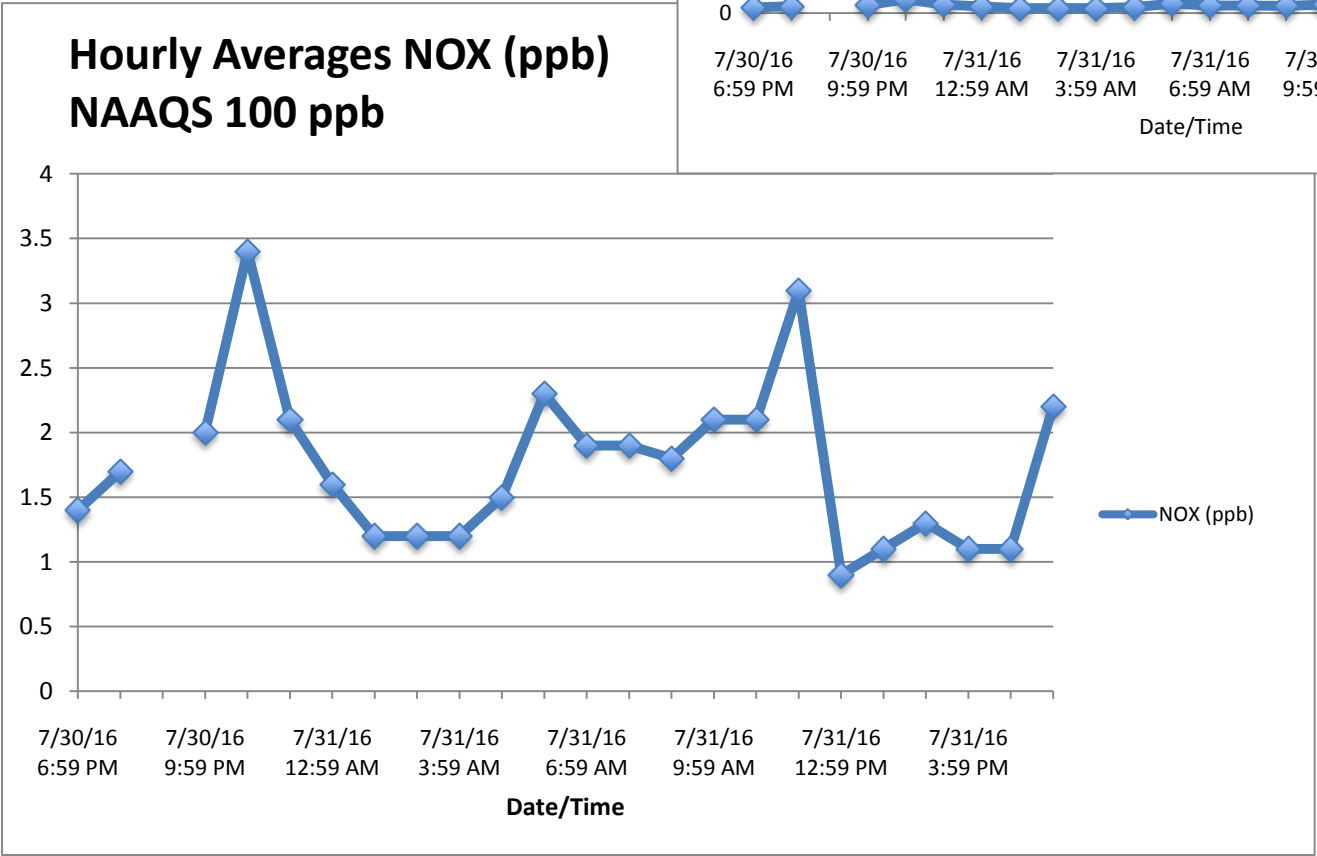
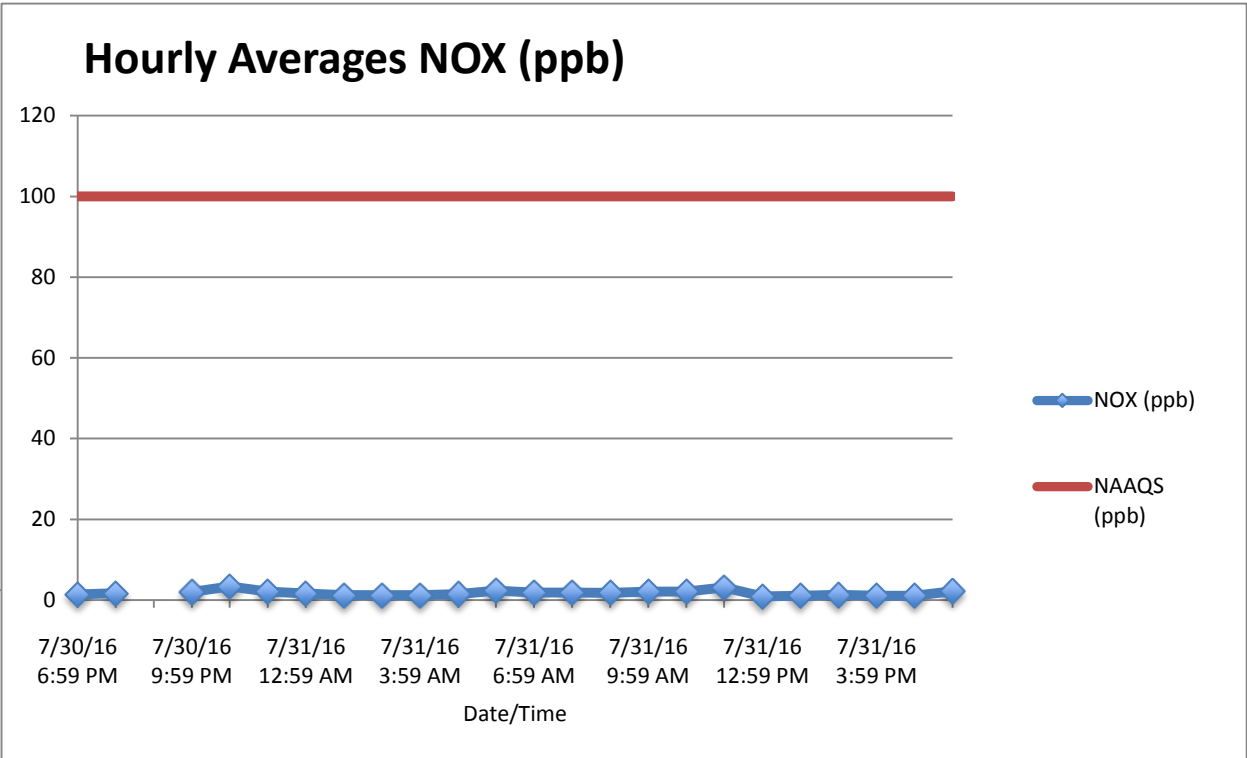


Hourly Averages NO2 (ppb)

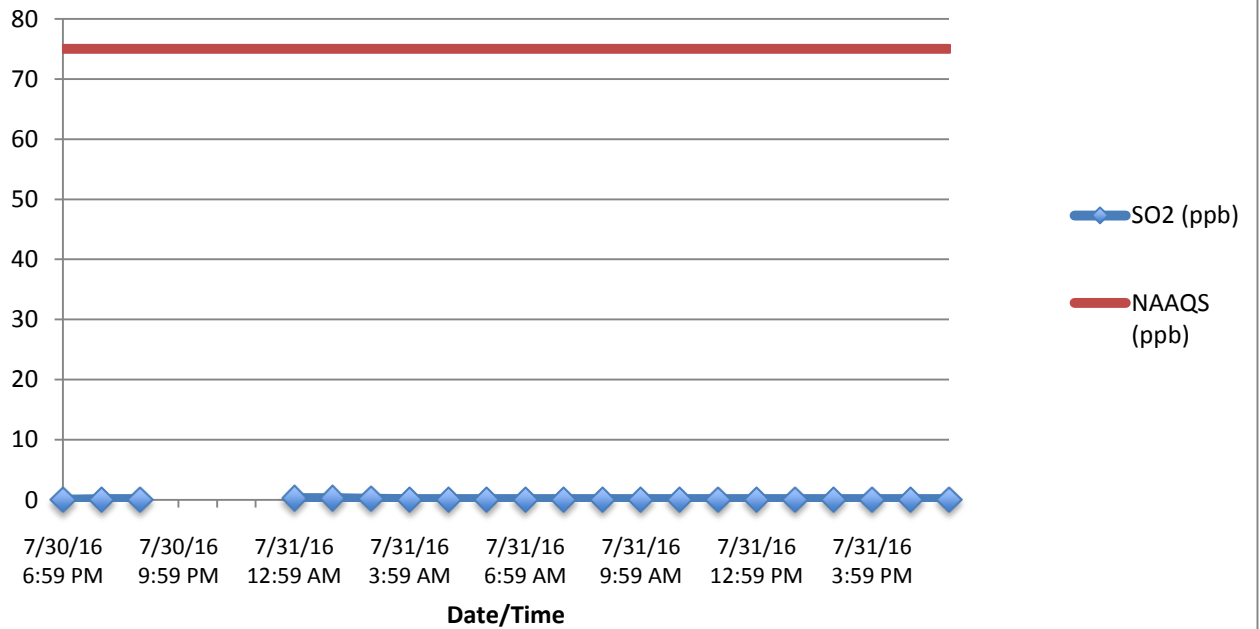


Hourly Averages NO2 (ppb) NAAQS 100 ppb

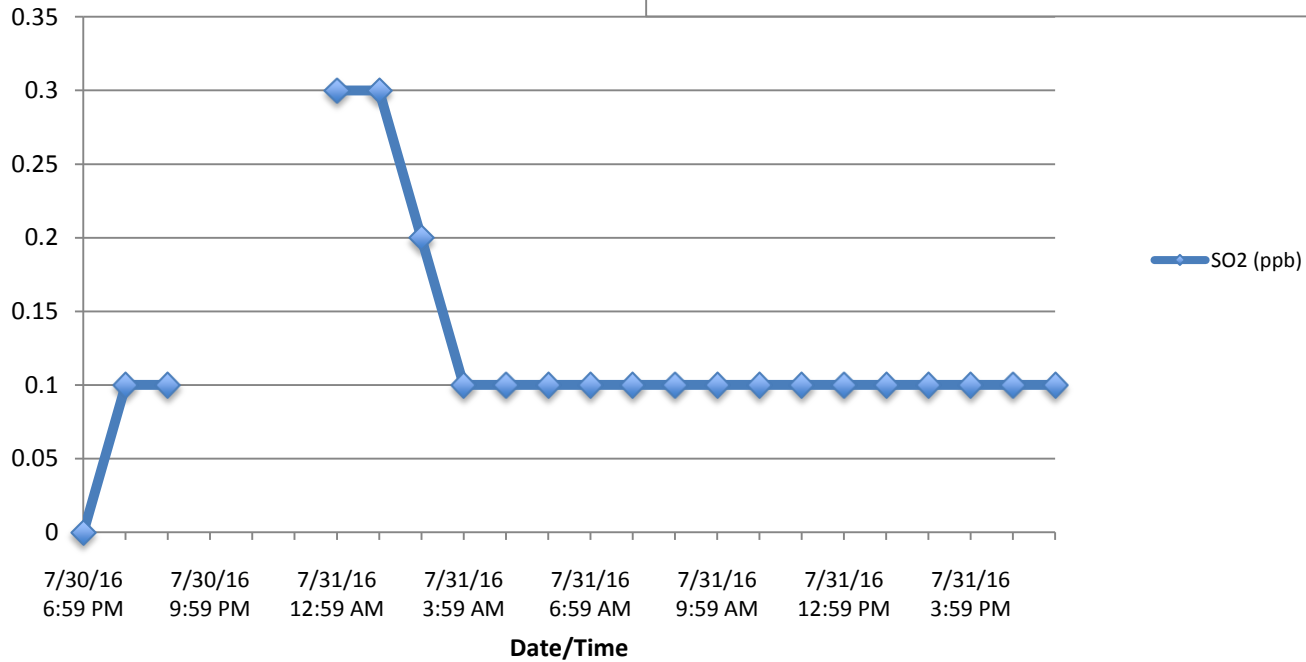




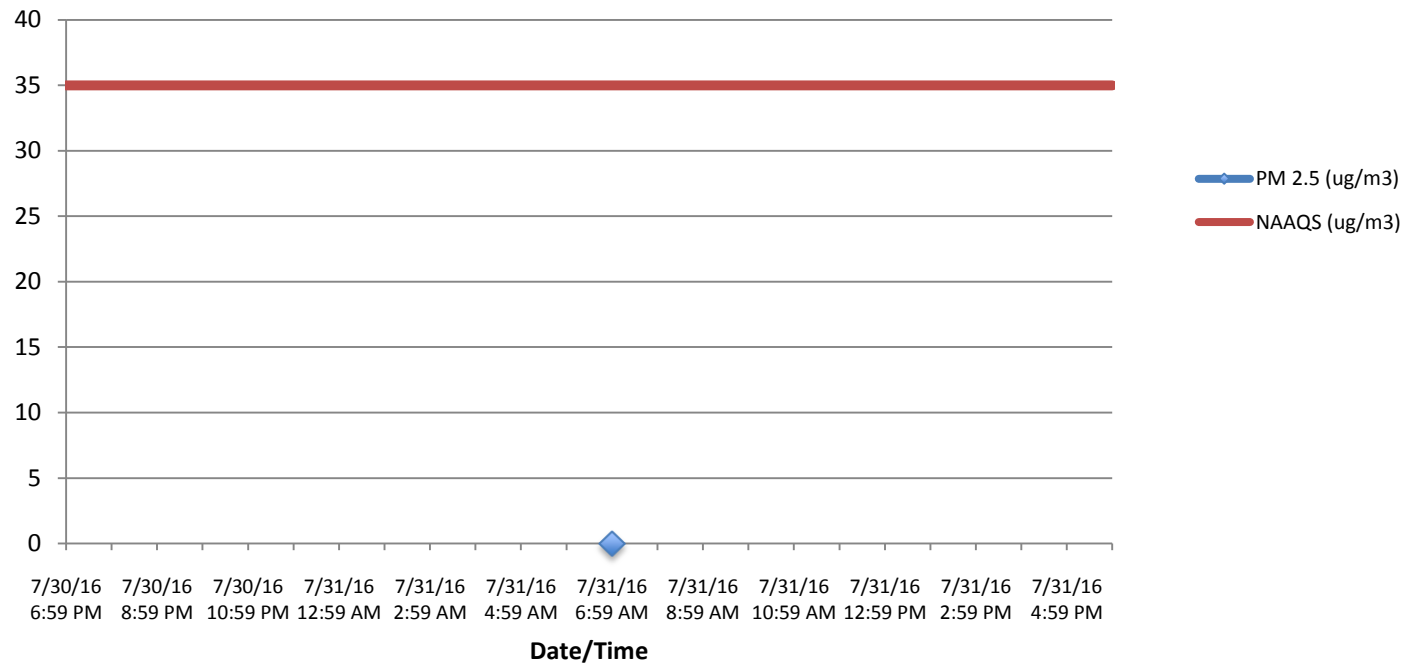
Hourly Averages SO2 (ppb)



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)

