

FINAL
U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VI



Air Monitoring Summary

Camp Minden North
Start Time: 8-8-2016 1800 - End Time: 8-9-2016 1800

August 9, 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 August 8, 2016 1800 through August 9, 2016, 2016 1800
- 2 Highest measurement of each analyte from August 8, 2016 1800 through August 9, 2016 1800

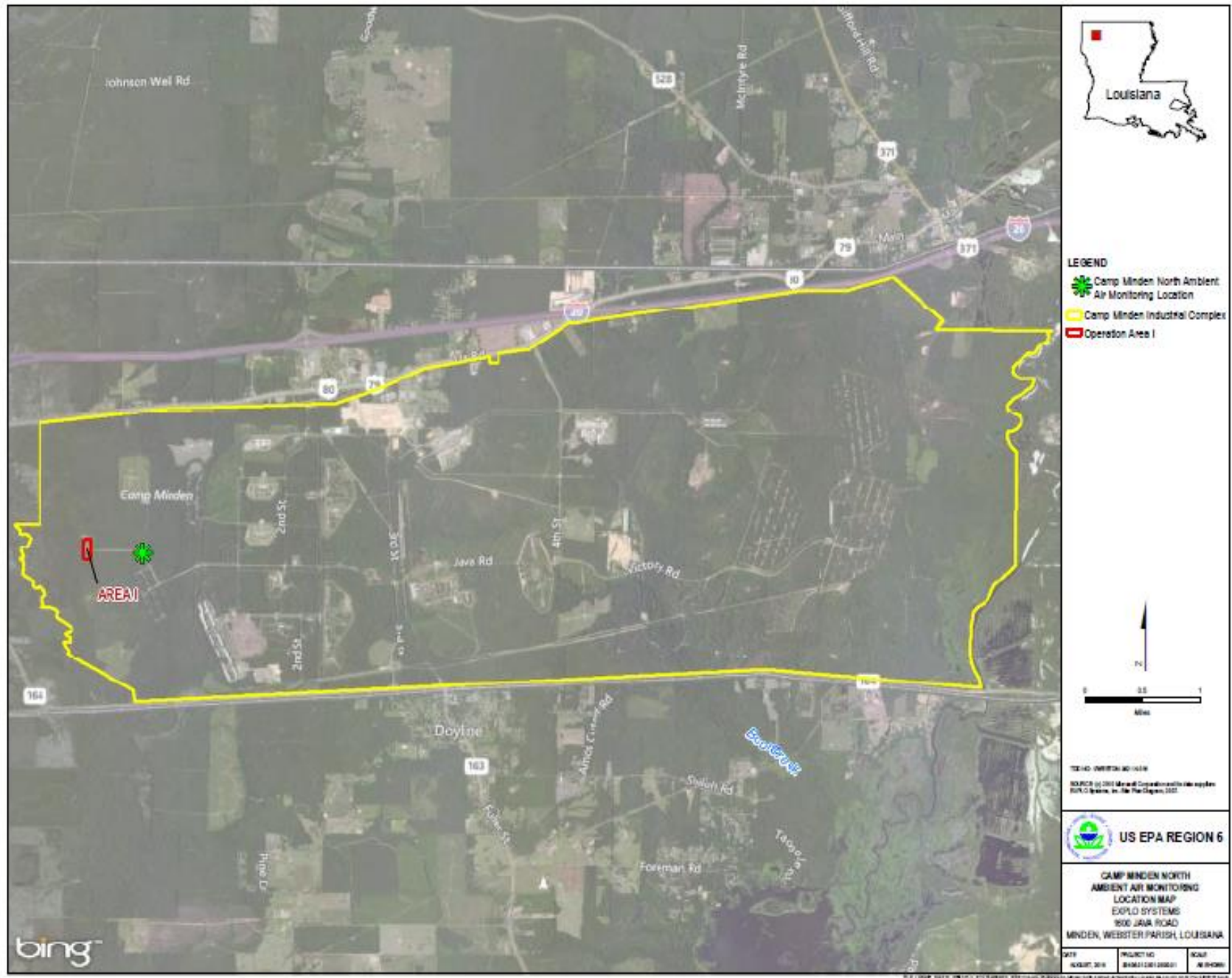
National Ambient Air Quality Standards (NAAQS) of criteria pollutants (CO, NO₂, SO₂, and PM_{2.5}) are listed with specific time frames and calculation formulas. Please visit NAAQS website for more in-depth information on how these are calculated - <https://www.epa.gov/criteria-air-pollutants/naqs-table>.

** Note: All monitors were operating normally except BAM1020. The BAM unit continues to be out of service.

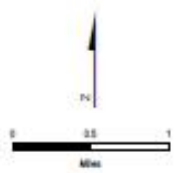
Summary for 9 August 2016 at Camp Minden North

Analyte	Highest Hourly Average Measurement	Highest Measurement	Units	NAAQS Standard
CO	0.351	0.818	ppm	35 (1-hour)
CO ₂	666.3	701.8	ppm	For Monitoring Only
NO	2.6	38.5	ppb	For Monitoring Only
NO ₂	1.9	8.4	ppb	100 (1-hour)
NO _X	3.8	41.1	ppb	100 (1-hour)
SO ₂	0.5	0.9	ppb	75 (1-hour)
Analyte	Average 24-hour Measurement	Highest Measurement	Units	NAAQS Standard
PM 2.5			ug/m ³	35 (24-hour)

Camp Minden North Station Location Map for 9 August 2016



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



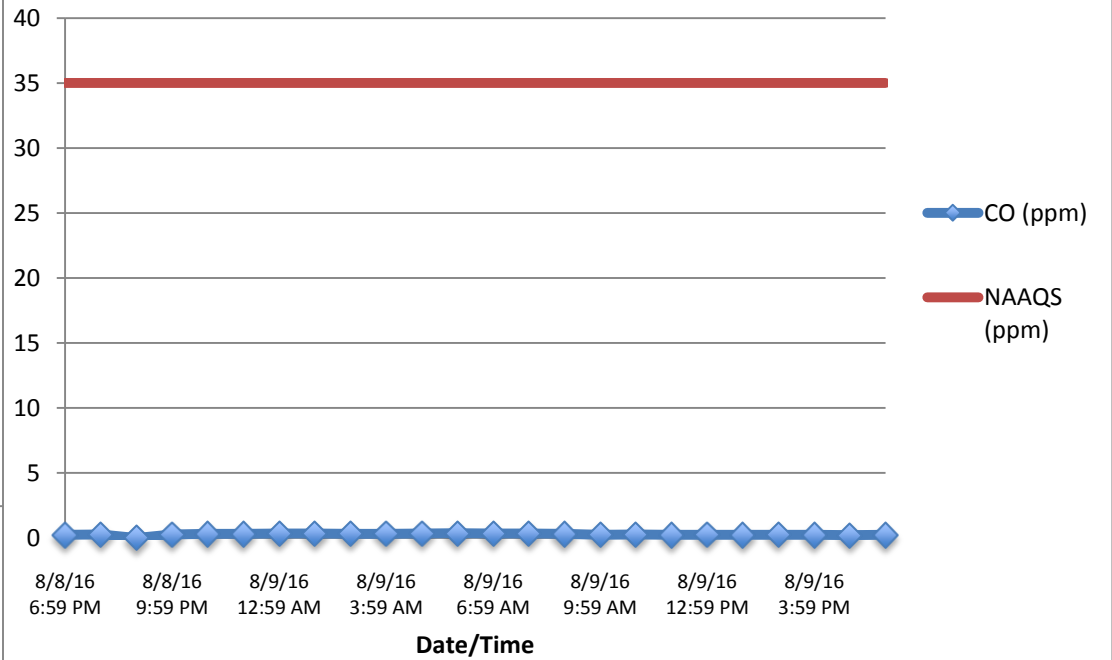
TEXAS INSTRUMENTS INC. 10/15/16
 SOURCE: US EPA Aerial Imagery from the system
 ENVI 5.0 System, v. 5.0.1 (The Clipping, 2011)



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

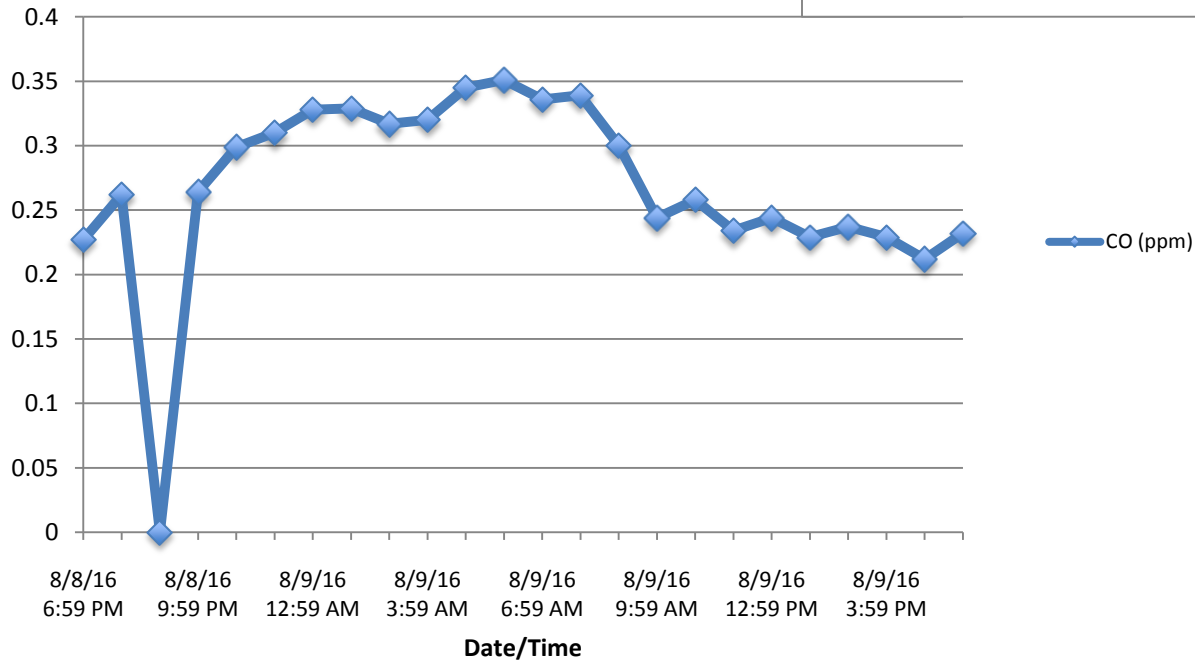
DATE	PROJECT NO.	SCALE
08/09/2016	EXPLORIS 1001100001	AS SHOWN

Hourly Averages CO (ppm)

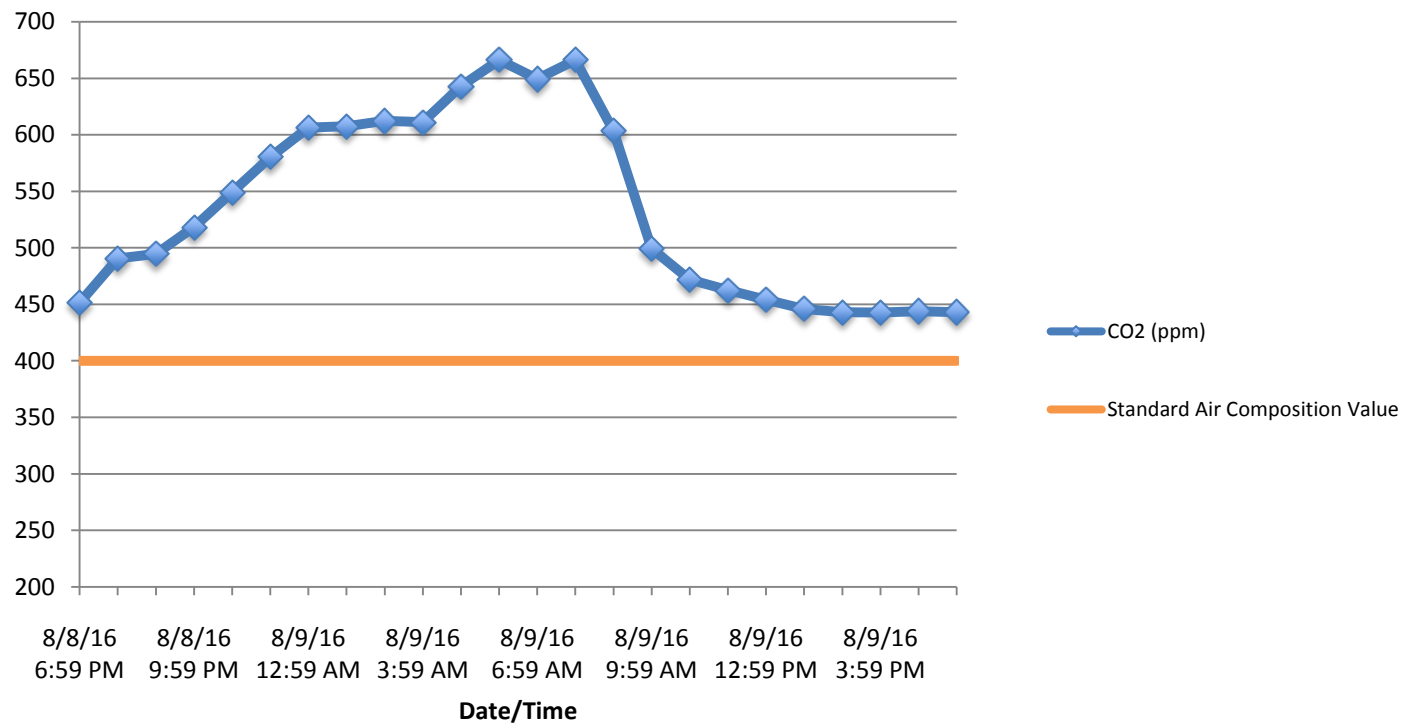


Hourly Averages CO (ppm)

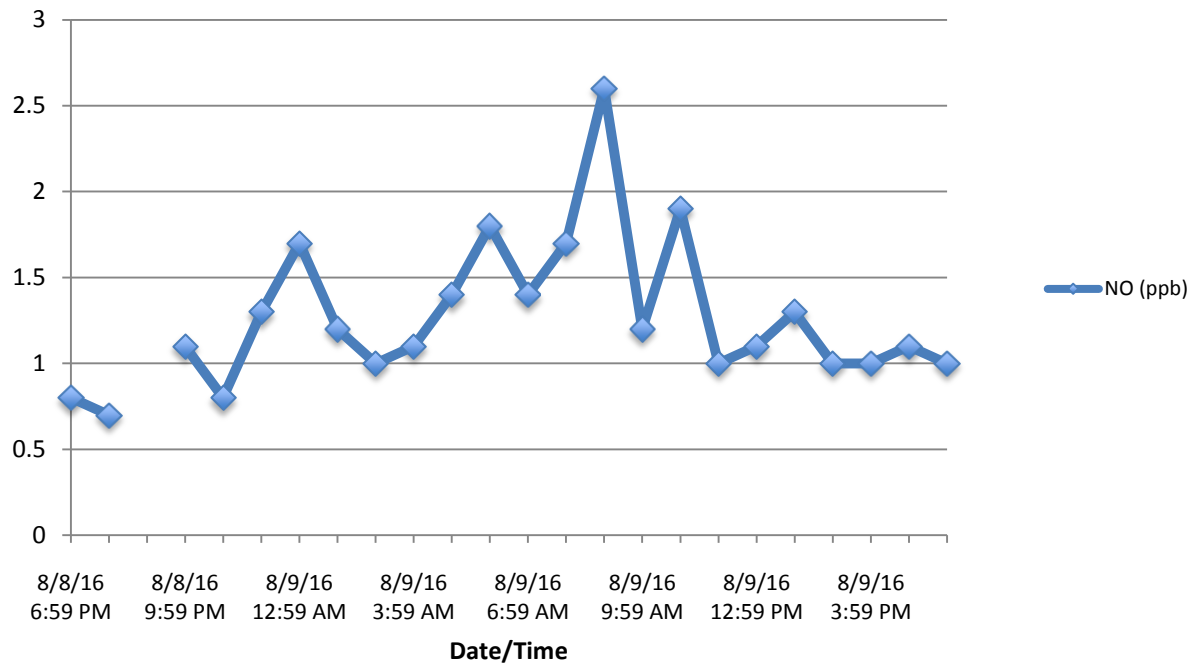
NAAQS 35 ppm



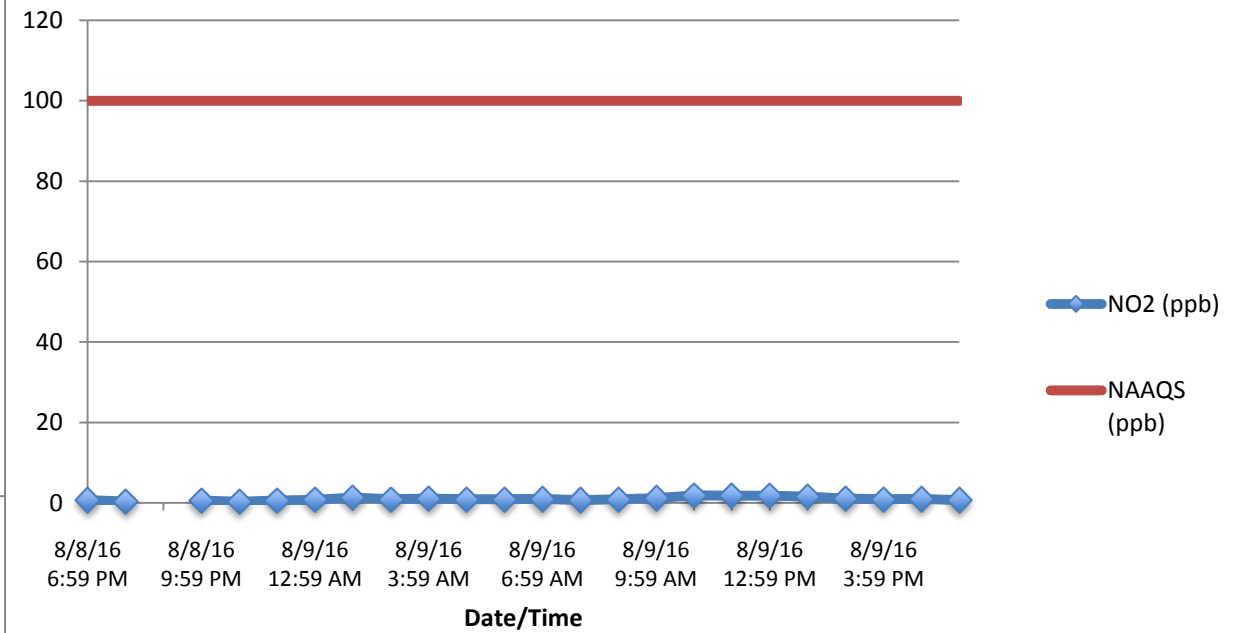
Hourly Averages CO2 (ppm) For Monitoring Only



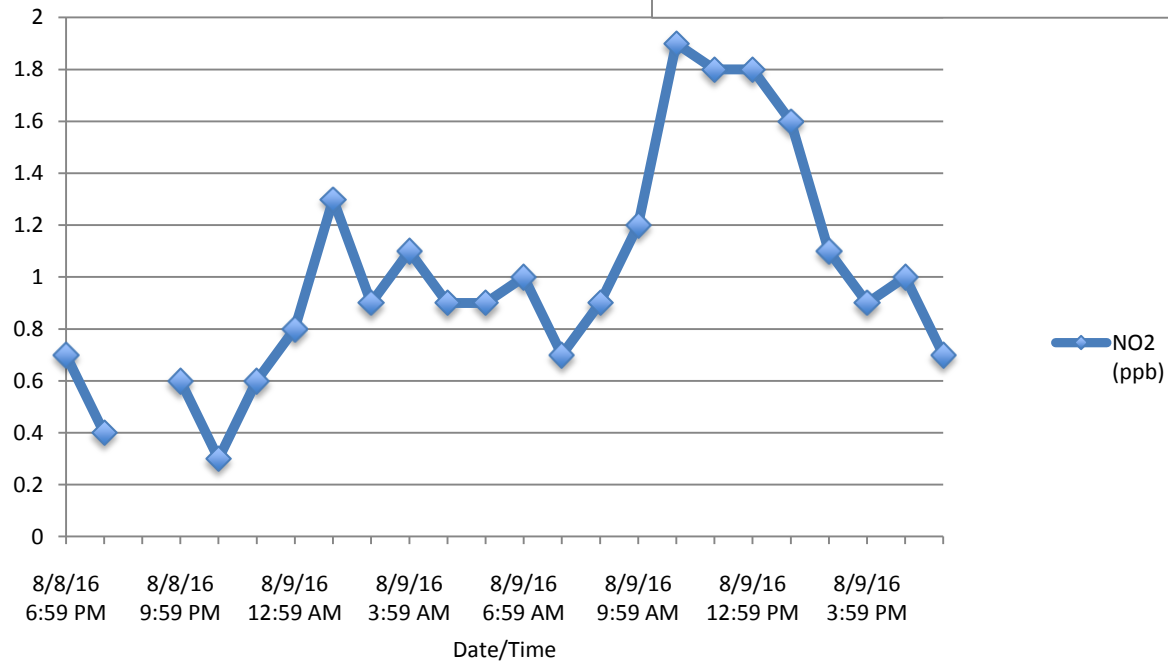
Hourly Averages NO (ppb) For Monitoring Only



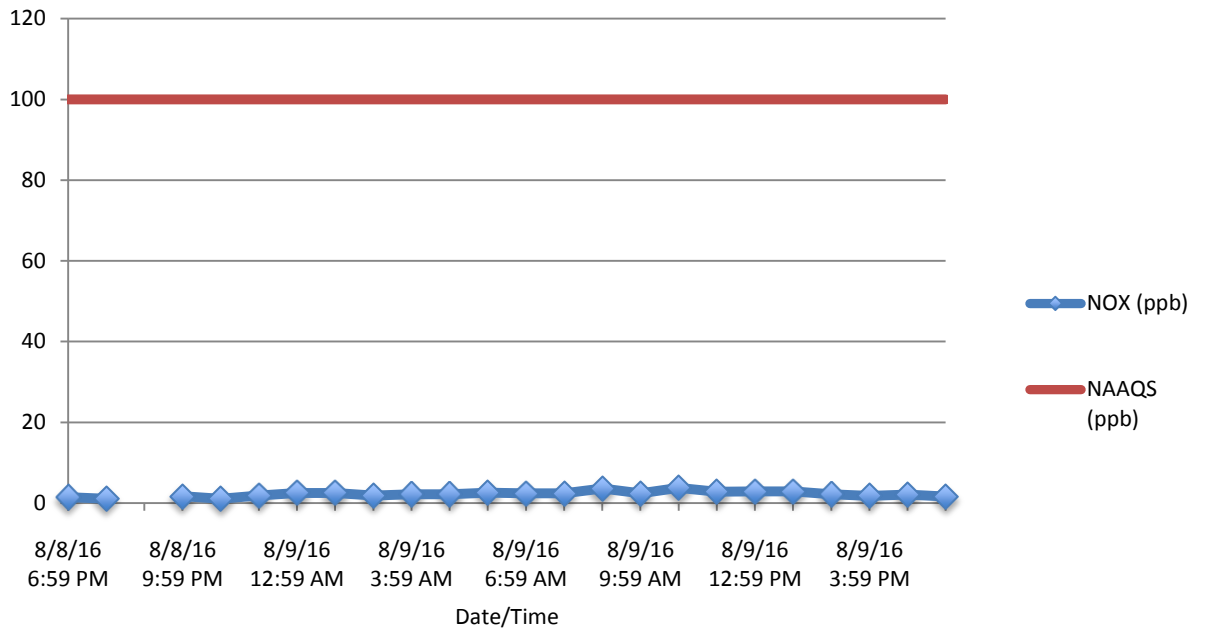
Hourly Averages NO2 (ppb)



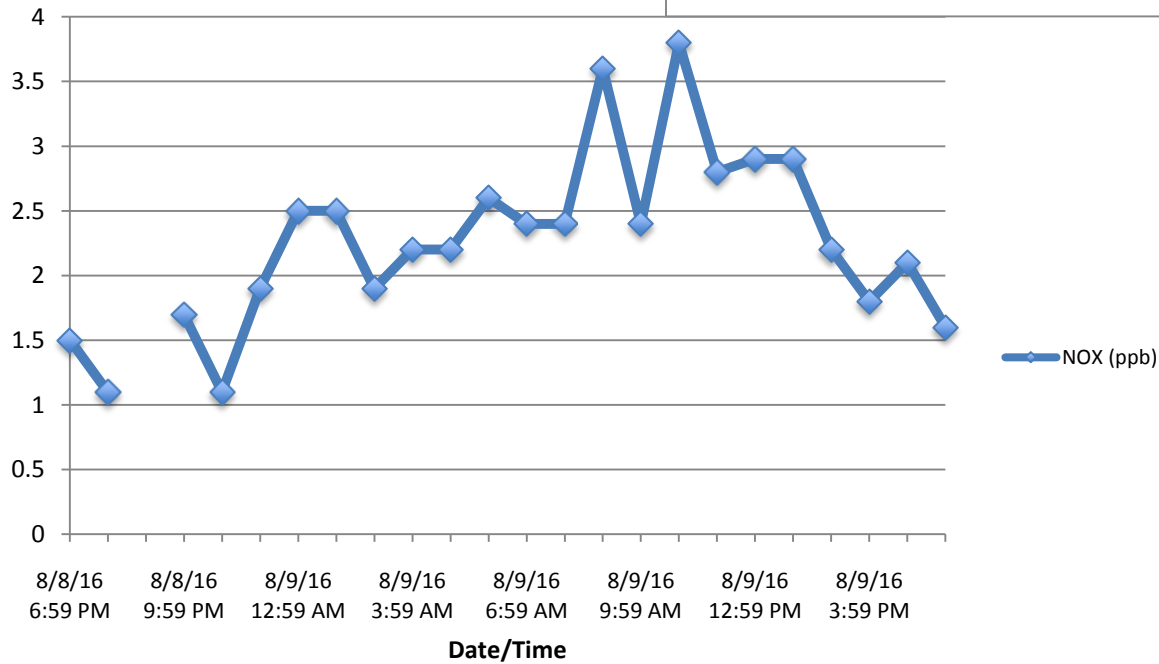
Hourly Averages NO2 (ppb) NAAQS 100 ppb



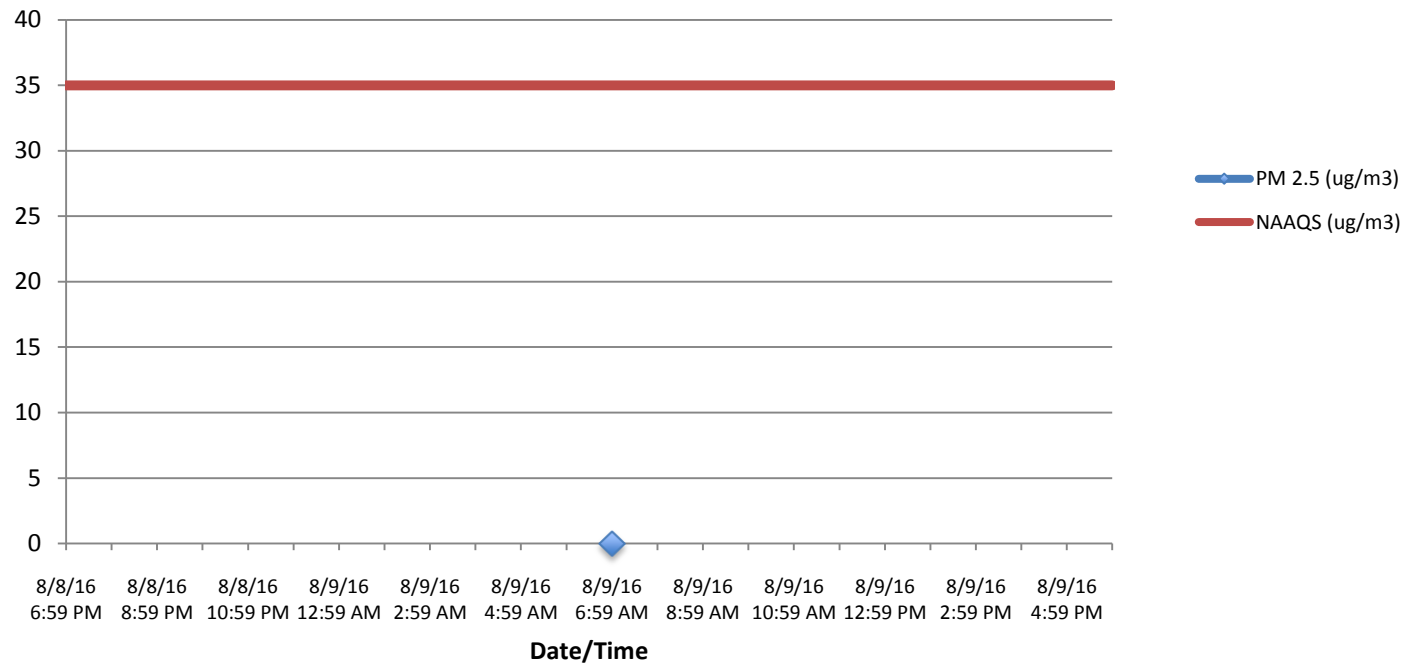
Hourly Averages NOX (ppb)



Hourly Averages NOX (ppb) NAAQS 100 ppb



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



Hourly Averages PM 2.5 (ug/m3)

