

# Lamberton

## Site information:

AQS Site ID: **(none)**  
 NADP Site ID: **MN27**  
 Address: **U of M SW Agricultural Research Center**  
 City: **Lamberton**  
 County: **Redwood**

Location Setting: **Rural**  
 Latitude: **44.2369**  
 Longitude: **-95.3010**  
 Elevation: **343 m**  
 Year Established: **1979**

## Monitoring parameters:

PM <sub>2.5</sub> FRM	PM <sub>2.5</sub> Continuous	PM <sub>2.5</sub> Speciation	PM <sub>10</sub>	TSP/Metals	VOCs	Carbonyls	Carbon Monoxide	Ozone	SO <sub>2</sub>	NO <sub>x</sub>	Meteorological Data	Other*
												E

E = Existing, A = Proposed to Add, T = Proposed to Terminate

Sampling Frequency: 1/1 = Everyday, 1/3 = 1-in-3 day, 1/6 = 1-in-6 day

\*Acid and Hg Deposition



## Site description:

This NADP acid rain and mercury-monitoring site is located at the University of Minnesota Southwest Agricultural Research and Outreach Center just north of U.S. Highway 14, near Lamberton. The primary land use in the area is row-crop agriculture. University of Minnesota (U of M) personnel operate and maintain this site with support from the MPCA.

## Monitoring objectives:

- Characterize precipitation chemistry to track long-term spatial and temporal trends, support research, and assess the effectiveness of State and Federal SO<sub>2</sub> and mercury emissions reduction programs.
- Demonstrate compliance with the Minnesota Wet Sulfate Deposition Standard (Minn. R. 7005.4010 to 7005.4050).

## Planned changes:

None