Grindstone Lake

Site information:

AQS Site ID: (none)
NADP Site ID: MN28

Address: Audubon Center of the North Woods

City: **Sandstone** County: **Pine**

Location Setting: Rural Latitude: 46.1208 Longitude: -93.0042 Elevation: 337 m

Year Established: 1996

Monitoring parameters:

ı		
		PM _{2.5} FRM
		PM _{2.5} Continuous
		PM _{2.5} Speciation
		PM_{10}
		TSP/Metals
		VOCs
		Carbonyls
		Carbon Monoxide
		Ozone
		SO ₂
		NO_X
		Meteorological Data
	Е	Other*
1	J	

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







Site description:

This NADP acid rain monitoring site is located approximately five miles west of I-35 at the Audubon Center of the North Woods, on the eastern shore of Grindstone Lake in Pine County. Land use is in the area is a mix of agriculture and forest cover. Significant air emission sources are located more than 20 miles from the site.

Monitoring objectives:

- Characterize precipitation chemistry to track long-term spatial and temporal trends, support research, and assess the effectiveness of State and Federal SO₂ emissions reduction programs.
- Demonstrate compliance with the Minnesota Wet Sulfate Deposition Standard (Minn. R. 7005.4010 to 7005.4050).

Planned changes:

None

^{*}Acid Deposition