

Brown County

Volunteer Water Monitoring Program

Lake Assessment Data Sheet

Lake Name: _____ Date and Time: _____

Volunteer Name(s): _____

Lake Depth at Sampling Site (feet) _____

Weather Conditions (circle all that apply)

Sunny

Partly Sunny

Cloudy

Rain/Snow

Windy

Calm

Light Breeze

Was there a rainfall event in past 24 hours? Yes (amount ____ in.) No

Recreational Suitability (check the one that applies)

- Beautiful, could NOT be better
- Very minor aesthetic problems; excellent for swimming, boating, fishing
- Swimming and aesthetic enjoyment slightly impaired because of algae levels
- Desire to swim and level of enjoyment of the lake substantially reduced because of algae levels (i.e. would not swim, but boating or fishing is ok)
- Swimming and aesthetic enjoyment of the lake nearly impossible because of algae levels (i.e. would not want to do anything in the lake)

Air Temp. _____ ° Fahrenheit

Water Temp. _____ ° Fahrenheit

Secchi disk reading (record to nearest 1/2 foot) ____'

*Use "B" if the disk was on the bottom of the lake

Water Color _____

Physical Condition (check all that apply)

- Crystal clear water
- Not quite crystal clear – a little algae present/visible
- Definite algae present – green, yellow, or brown color apparent
- High algae levels with limited clarity and/or mild odor apparent
- Severely high algae levels with one or more of the following:
 - massive floating scums on the lake or washed up on shore
 - strong, foul odor
 - fish kill (please not the number and types in the comment section)

Dissolved Oxygen (mg/L) – circle one

Expiration Date_____

1 2 3 4 5 6 7 8 9 10 11 12

Adjacent Land Use on Shoreline (check all that apply)

- Row Crop Wetland Boating Access Pasture
- Prairie Park Animal Feedlot(s)

Other Lake Observations and Notes:

Please mail data sheets to:

Desiree Hohenstein
Water Plan Administrator
PO Box 248
New Ulm, MN 56073

For assistance please contact Desiree Hohenstein at (507) 233-6641 or (507) 276-5397