



520 Lafayette Road North | St. Paul, Minnesota 55155-4194 | 651-296-6300  
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April 2021

Dear Citizen Lake Monitoring Program Volunteer:

Spring has arrived. Warmer days and melting ice mean Secchi season is right around the corner. Soon we will be launching our canoes, kayaks, fishing boats and pontoons, enjoying all Minnesota's lakes have to offer. We want to thank you all in advance for the monitoring work you will do this summer!

Enclosed, you will find your official 2021 Secchi datasheet(s) and return envelope. Please use the enclosed datasheet(s) to record the Secchi disk readings that you take this year. As always, please let us know as soon as possible if any of the contact or monitoring site information listed on your datasheet (s) is incorrect.

Here are a few reminders for the 2021 season:

- 1) Try to take your readings on bright, calm days.
- 2) Avoid taking readings at dawn and dusk, when light is limited.
- 3) Remember to take your reading on the shaded side of your boat.
- 4) If you are wearing sunglasses, remove them before taking your reading.
- 5) The "PC" and "RS" columns on your datasheet are for recording "Physical Condition" and "Recreational Suitability." **The PC and RS scales are located on the back of your datasheet.**
- 6) The "Water Color" section on your datasheet has been refined to include a list of 4 colors to choose from to create more consistency in reporting. **Water color definitions are located on the back of your datasheet.**
- 7) Secchi disk ropes are marked in feet. Whether you are using a rope marked in ½ foot increments, or a tape marked with inches, please round your reading to the nearest ½ foot (e.g. 4.0 ft., 4.5 ft., 5.0ft, etc.)
- 8) If you have had your Secchi disk for a few years, check your disk for rust, and your rope to make sure the markings are legible and reflect accurate measures. **If you need a new rope or disk, please contact us and we will send you a new one at no cost.**

Please contact us by phone at 651-296-6300 (Twin Cities Metro) or 800-657-3864 (Greater MN) or email at [clmp.pca@state.mn.us](mailto:clmp.pca@state.mn.us) with any questions.

Thank you for participating in the Citizen Lake Monitoring Program! Have a fun and safe monitoring season.

Sincerely,

Shannon Martin  
Citizen Lakes Monitoring Specialist  
Environmental Analysis and Outcomes Division

Josh Stock  
Environmental Specialist  
Environmental Analysis and Outcomes Division

SM/JS:ds

Enclosure(s)

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2021 CLMP Secchi Datasheet  
Citizen Lake Monitoring Program (CLMP)

Volunteer ID : 243792  
Dan Kittilson  
22924 County 7  
Park Rapids, MN 56470  
Phone (1): 218-732-5586  
Phone (2): 218-616-2272  
Email: drkittil@q.com

Lake name: Little Sand  
Lake ID: 29-0150-00-204  
Site ID: 204

Lake depth at sampling site: \_\_\_\_\_ feet  
Did you monitor this site last year?  Yes  No

Important note: If your contact information is different from what is listed above, please make edits directly on this form. Please read Tennessee Warning on page two regarding private data.

	Date	Time	Secchi (nearest 0.5 ft)	B*	PC (1-5)	RS (1-5)	Water color choices: Clear, green, stained, sediment	Other notes
Ex.	5/20/20	11:00	<input type="checkbox"/> am <input type="checkbox"/> pm 5.5 ft		2	3	Green	Breezy, temp: 70 F°
1			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
2			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
3			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
4			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
5			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
6			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
7			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
8			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
9			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
10			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
11			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
12			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
13			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
14			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
15			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
16			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
17			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
18			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
19			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
20			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
21			<input type="checkbox"/> am <input type="checkbox"/> pm ft					
22			<input type="checkbox"/> am <input type="checkbox"/> pm ft					

Lake ice data (Optional)

Date ice completely formed last fall: \_\_\_\_\_ X

Date ice completely melted in the spring: 04/05/2021  
(mm/dd/yyyy)

\*Trying to obtain info

## Monitoring guidance

### Secchi readings

- Take readings between dawn and dusk on calm days.
- All readings should be recorded to the nearest ½ (0.5) foot.
- If disk is on lake bottom, put a 'B' in the 'B' column on the datasheet.
- If you monitor more than one site, each site **must** have a separate datasheet.

### Algae level ratings and water color description

Each day that you sample, please record the **one** option that best describes the lake water **at your sampling site**.

Physical condition (PC)	Recreational suitability (RS)	Water color
1 = Crystal clear water	1 = Beautiful, no aesthetic problems due to algae	<b>Clear</b> = clear/blue with limited particles
2 = Not quite crystal clear – a little algae	2 = Minor aesthetic problems	<b>Green</b> = green with suspended algae
3 = Definite algae (green, yellow or brown)	3 = Swimming/boating slightly impaired	<b>Stained</b> = tea stained, transparent
4 = High algae levels, limited clarity, possible odor	4 = Swimming/boating substantially impaired	<b>Sediment</b> = muddy, cloudy brown
5 = Severely high algae levels, possible scum, odor or fish kill	5 = Swimming/boating nearly impossible	

### Sending in your datasheet

- Keep a copy for your records
- Return this form to the Minnesota Pollution Control Agency (MPCA) by October 31, using the postage paid envelope included with each datasheet mailing. All postage paid envelopes are sent first to a bulk mail facility on John Ireland Boulevard in St. Paul, and then get forwarded on to the MPCA building. If you have lost your envelope, you can send your datasheet directly to our office at:  
 Minnesota Pollution Control Agency  
 Citizen Lake Monitoring Program  
 520 Lafayette Road North  
 St. Paul, MN 55155
- Submit your data electronically through our On-Line e-Service found on the MPCA website at: <https://rsp.pca.state.mn.us>. If you were a volunteer before October 2020 please contact us to receive your User\_ID and temporary password.

If you have any questions, please contact the MPCA at 651-296-6300 (Twin Cities Metro Area) or 800-657-3864 (Greater Minnesota). You can also email your questions to [clmp.pca@state.mn.us](mailto:clmp.pca@state.mn.us).

**Tennessee Warning:** The MPCA is committed to protecting volunteer information. By providing the above mentioned information to the MPCA Citizen Monitoring Programs (CMP), the MPCA is obligated to tell you that some of the information is classified as private data per state law rules. The MPCA is legally bound to restrict access to your private information to CMP staff and to those entities/persons authorized by state court order or law. You are not legally required to provide private information; however, in this instance it is impossible for us to work and communicate with volunteers without this information. Should you have any concerns, please contact us at [clmp.pca@state.mn.us](mailto:clmp.pca@state.mn.us) or [csmp.pca@state.mn.us](mailto:csmp.pca@state.mn.us). (References: Minn. Stat. § 13.02, subd. 12; Minn. Stat. § 13.43; Minn. R. 1205.0200, subp. 9; and Minn. R. 1205.0400)