

Taking Care of Data

Once you are back on shore, transfer all your data to the data form. This form will make it easier for you to enter your data online or submit it using the Secchi line phone system. After entering your data into the DNR database, fill in the column labeled “*Date Entered*” on your data form. This will allow you to keep track of what data you have already entered.

Online

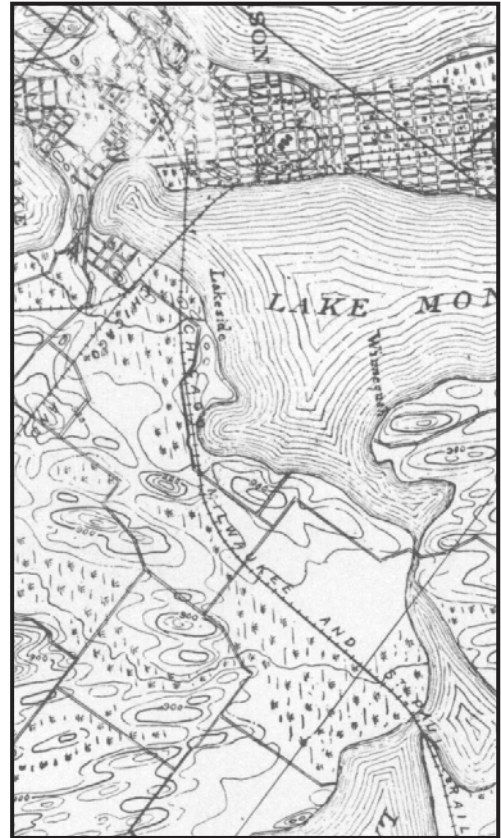
The web address to enter your data online is: <http://dnr.wi.gov/lakes/clmn>. Choose the “Submit Data” link located on the left side of the page. You will need a user name and password to enter data. Instructions for obtaining a user name and password are found at the CLMN website: <http://dnr.wi.gov/lakes>. If you are entering a temperature profile and/or dissolved oxygen profile choose the option “Save and Enter Temp D.O. Profile”. If you make mistakes while entering data, edits can be made. Instructions for online data entry can be found in Appendix 4.

If you enter your data online, there is no need to mail in a paper copy. If you need assistance getting set up to enter data online, contact Jennifer Filbert at Jennifer.Filbert@wisconsin.gov.

By Telephone

If you don't have Internet access, you can still enter your Secchi data, dissolved oxygen, and temperature profile using the Secchi line phone system. The toll-free number is (888) 947-3282. If at any time you have problems trying to enter your data using the Secchi line phone system, press 9 to speak to someone in the central office. If you enter your data by phone, keep the pink copy of the data form for yourself and use the business reply envelope provided to you to send the blue copy to the Madison DNR office (Citizen Lake Monitoring, WT/4, Wisconsin DNR, PO Box 7921, Madison, WI 53707-7921) by November 1. DNR staff will enter your observations for you.

All data for the year must either be entered online or into the Secchi line phone system by November 1st to guarantee that it will be included in reports and analyses done in the winter and spring. If you find data that has not been entered after this date you can still enter your data online or you can mail your data sheets to Citizen Lake Monitoring – WT/4, Wisconsin DNR, 101 S. Webster St., PO Box



7921, Madison, WI 53707-7921. Staff will make sure that your data is entered into the database.

If you are unable to enter data on the Internet or by phone, mail the blue copy of your carbonless form to either your CLMN regional coordinator or to the Madison central office (there are self addressed envelopes in your manual).

During the winter, you will receive an email or postcard reminding you that reports featuring the data you collected are available online. If you do not have an email address, lake summary reports will be mailed to you. Limnologists suggest that after eight years of collecting Secchi data, one can begin to determine if water clarity is getting better, worse, or staying the same. Your reports will show the dates you sampled, and your Secchi disc readings measured in feet and meters. Always compare your annual report to a copy of your original data sheet to verify your data.

The following descriptions should be filled out while you are on the water at your sampling site so the observations are fresh in your mind.

Secchi Depth

When recording your Secchi disc reading, round off to the nearest quarter foot. Record fractions of a foot as a decimal since this is how it will be entered in the Secchi line phone system or online. For example, 12 1/4 feet is 12.25 feet. **Note:** The “*” (star) button on your telephone key pad serves as the decimal point when entering your data into the Secchi line phone system. It is possible that the Secchi disc will be visible even when it is resting on the bottom of the lake. If this is the case, record the depth as you always would, but make sure you record a “1” in the “Hit Bottom” field of your data sheet.

Appearance

To determine if the water appearance is clear or murky, hold your Secchi disc one foot under the surface of the water and observe how the white part of the disc appears.

Water Color

The water color is determined at your site using the Secchi disc as a guide. After lowering the disc about a foot into the water, ask yourself the question, “Does the white part of the Secchi disc look white, or does it appear green or brown?” If it appears white, then the water color is “blue.” If it appears green, then the water color is “green” and so on. If you are using color cards to determine the color of your lake water, then the white part of the disc would be compared to the colors on the card and a numeric value assigned to the color. Be aware that the online data entry form and Secchi Line only accept one color, for instance, if the water appears “bluish-green,” you will have to select the one color (blue or green) that best describes your water color.

Perceptions

Indicate your perception of the water quality for your lake at the deep hole. **Refer only to the condition of the water itself.** You can record information on aquatic plants around the shoreline or other problems you perceive in the observation section of the data sheet. On a scale of 1 to 5 (1 being the best and 5 being the worst), your perception of the water should reflect how much algae is in the water.

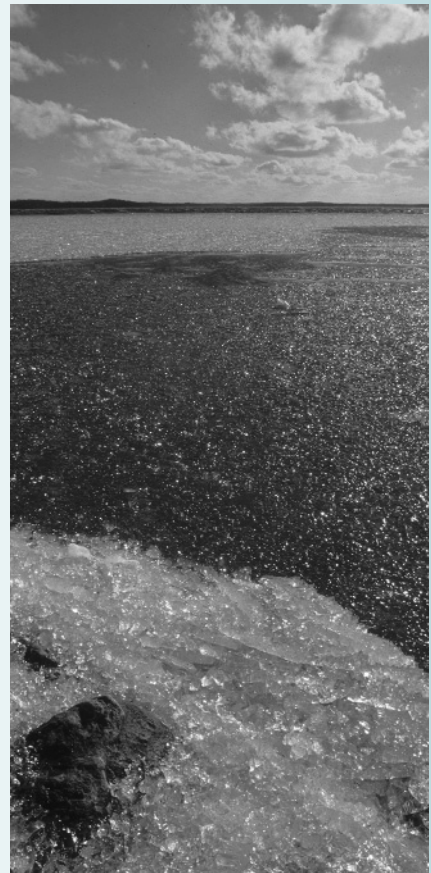
- 1 - Beautiful, could not be any nicer
- 2 - Very minor aesthetic problems; excellent for swimming and boating enjoyment
- 3 - Swimming and aesthetic enjoyment of lake slightly impaired because of high algae levels
- 4 - Desire to swim and level of enjoyment of lake substantially reduced because of algae (would not swim, but boating is OK)
- 5 - Swimming and aesthetic enjoyment of lake substantially reduced because of algae levels

Observations

In the observation section of the data sheet, you can include any comments about the weather, water conditions, wildlife sightings, plant densities, or other information you want to include that you think will help to better understand your lake. If you need more data sheets, have questions or problems, you may also include those comments in this section. Feel free to attach additional observations on a separate sheet of paper. You can enter as much information as you'd like. The database is capable of holding a very long entry.

HOW TO REPORT ICE ON/OFF INFORMATION

You can report your ice observations online through SWIMS. After you log in, choose the Ice Observations project for your lake. There are two forms: one for reporting “Ice On” and one for reporting “Ice Off”. The corresponding paper forms can be found at <http://dnr.wi.gov/lakes/forms/>. For historical analyses, the official ice on date should be the first date of complete ice cover and the official ice off date should be the first breakup. You can document additional freeze and thaw dates in the comments box. See ice on/ice off data sheets in Appendix 8, page 108.



ROBERT QUEEN