



Level 1 Field Procedures

Please hold off going out if it is raining heavily (i.e., making it difficult to see the Secchi disk accurately), if there is abnormally high boat traffic, or if your safety would be at risk. A clear, calm day would be best.

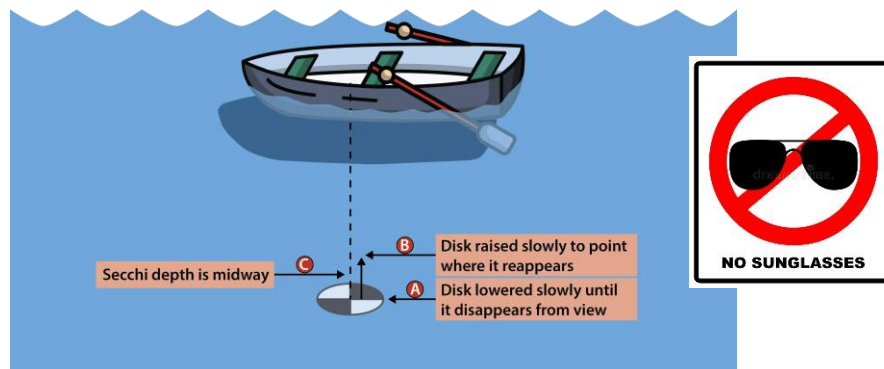
If you need assistance, please email info@bclss.org.

STEP 1) Water Temperature

- The water temperature reading is conducted in **surface water** at your lakes predetermined station site.
- Place the thermometer over the side of the boat 0.5 m below the surface of the water (a line can be attached to the thermometer to facilitate this).
- Wait at least one minute before reading and recording your temperature results. The reading should be taken immediately after taking the thermometer out of the water and recorded to the nearest 0.1°C.

STEP 2) Secchi Depth

- Lower the Secchi disk over the **shaded side** of the boat.
- **Slowly** lower the disk until the black and white pattern is no longer visible. Note the measurement on the tape measure (in metres) between the Secchi disk and the surface of the water (estimate to the nearest 0.01 m). Record this as Distance A.
- Pull the disk up until the black and white pattern **just** appears again and record this distance as Distance B.
- Average the two measurements $[(\text{Distance A} + \text{Distance B})/2] = \text{Secchi depth}$.



STEP 3) Check and Fill in the Remainder of the Form

- Please fill in the entire form, including information on current weather and surface water conditions, and **send to the BC Lake Stewardship Society (BCLSS) office** once the sampling season is complete. The data form has space for one site on the same water body for the entire season. If you need more, please use a separate copy of the data form.
- The BC Lake Stewardship and Monitoring Program (BCLSMMP) would love to see your photos! Please send any lake or volunteer themed photos you would be willing to share or have displayed on the BCLSMMP website.