

SECCHI DIP-IN DATA SHEET

Please submit completed form on the BCLSS website: www.bclss.org/programs#dip or email to: info@bclss.org

General Information

Volunteer **Last Name:** _____ **First Name:** _____
Telephone Number: _____ Email Address: _____
Waterbody name: _____
What year did **YOU** begin monitoring this waterbody? _____
Region of waterbody: _____
Postal code of town nearest to the waterbody: _____
Name of nearest town: _____

Site Information

Sample location coordinates (lat/long): _____
Depth at sampling location (if known): _____ metres
Date of reading: _____ Time of observation: _____ ☐ am ☐ pm
Weather at time of dip-in: ☐ sunny ☐ partly cloudy ☐ overcast ☐ rain ☐ other
Weather yesterday: ☐ sunny ☐ partly cloudy ☐ overcast ☐ rain ☐ other
Where did you take readings from? ☐ boat (canoe, pontoon boat, kayak, etc.) ☐ dock/pier
☐ bridge ☐ shore/wading in ☐ other: _____

SPECIFIC Site Name or Number: _____ **Secchi reading (nearest 0.01 m):** _____ metres

SPECIFIC Site Name or Number: _____ **Secchi reading (nearest 0.01 m):** _____ metres

Can the disk be seen on the bottom? ☐ Yes ☐ No
Is the Secchi disk ☐ all white ☐ black and white
Size of disk: ☐ 8 inch/20 cm ☐ 16 inch/40cm
Did you use a Viewscope? ☐ Yes ☐ No
→ If yes, is it: ☐ open tube ☐ closed tube with glass or plastic plate on bottom?

What side of the boat did you view the disk on? ☐ sunny ☐ shady

Did you wear sunglasses during the measurement? ☐ Yes ☐ No

If using an instrument other than a Secchi disk, please indicate here: (i.e. LaMotte Turbidity Column, Turbidity Tube, Turbidity Meter, etc.)

If you also measure **Water Temperature** (15 cm below the surface) or **pH**, please record:

Temp: _____ ☐ °C or ☐ °F

pH: _____ ☐ pH paper ☐ meter ☐ colour comparator ☐ other _____

Water Quality

Please indicate your perception of the following:

General water quality (check one)

- ☐ Beautiful, no problems
- ☐ Minor problems
- ☐ Slight use impairment
- ☐ Use totally impaired

Has the **water quality changed** in the past 5 years?

- ☐ Better
- ☐ Worse
- ☐ No change
- ☐ Don't know

Has the **transparency changed** in the past 5 years?

- ☐ Clearer
☐ More turbid
☐ No change
☐ Don't know

What factors (if any) **NEGATIVELY** affect the general water quality at your site?

Problem	I don't know	Beautiful, causes no problems	Causes minor problems	Causes slight use impairment	Causes substantial use impairment	Use totally impaired
Algal scums	☐	☐	☐	☐	☐	☐
Aquatic weeds (seaweed)	☐	☐	☐	☐	☐	☐
Turbidity	☐	☐	☐	☐	☐	☐
Boats/Boating (noise, congestion, safety)	☐	☐	☐	☐	☐	☐
Poor fishing	☐	☐	☐	☐	☐	☐
Personal watercraft (jet skis)	☐	☐	☐	☐	☐	☐
Bacteria	☐	☐	☐	☐	☐	☐
Dense housing	☐	☐	☐	☐	☐	☐
Filling-in	☐	☐	☐	☐	☐	☐
Trash and litter	☐	☐	☐	☐	☐	☐
"Pest" wildlife (raccoons, geese, ducks, etc)	☐	☐	☐	☐	☐	☐
Noise (non-boating: neighbours, traffic, etc.)	☐	☐	☐	☐	☐	☐
Swimmer's itch	☐	☐	☐	☐	☐	☐
Too many rules and regulations	☐	☐	☐	☐	☐	☐
Other: _____	☐	☐	☐	☐	☐	☐

Secchi Dip-In Instructions

- Measure transparency on any day during the Dip-In period (July), preferably between **10 am and 2 pm**.
- Please do not go out if it is raining, if there is abnormally high boat traffic, or if your safety would be at risk. **A clear, calm day is best.**
- Go to the site or sites where you normally measure transparency. Follow your normal monitoring procedures.
- Carefully fill out the form to the best of your ability. Please be sure to add your telephone number and email address in case we have questions about your answers.
- It is very important to know where your sampling site is. Please try to include GPS coordinates of your sampling site.
- Be sure to mark the type of transparency device you use, whether it is a Secchi disk, a turbidity tube, a LaMotte® turbidity column, a turbidimeter, or a vertical black disk.
- Please consider participating in future years so that we can examine trends in transparency.
- Do you have any questions? Email info@bclss.org.

If you do not have computer access, please mail this form to:

BC Lake Stewardship Society
Box 110, 5505 Jacobson Road
Big Lake Ranch, BC V0L 1G0