

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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aquatic weeds (seaweed)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Turbidity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Boats/Boating (noise, congestion, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Poor fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal watercraft (jet skis)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Dense housing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Filling-in	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Trash and litter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
"Pest" wildlife (raccoons, geese, ducks, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Noise (non-boating: neighbours, traffic, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Swimmer's itch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Too many rules and regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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**