

Secchi Dip-In Data Sheet

General Information

Volunteer **Last** Name: _____ First Name: _____

Telephone Number: _____ Email address: _____

Waterbody name: _____

What year did **YOU** begin monitoring this waterbody? _____

Have you participated in the Dip-In before? Yes (skip to site information) No

Region of waterbody: _____

Postal Code of town nearest to the waterbody: _____

Name of nearest town: _____

Coordinates of waterbody (note: minutes and seconds cannot be greater than 60)

Longitude: degrees _____ minutes _____ seconds _____

Latitude: degrees _____ minutes _____ seconds _____

Waterbody type: (please circle one) natural lake/pond reservoir (has a dam)
stream/river estuary ocean other (harbour, marine, gravel pit,
quarry, etc.) please specify: _____

Size (lake/reservoir only): <5 acres 5-9.9 acres 10-99 acres 100-499 acres 500+ acres

Actual size (if known): _____ acres or _____ hectares

Site Information

Depth at sampling location (if known): _____ metres

Date of reading: _____

Time of observation: _____ am pm

Weather at time dip-in: sunny partly cloudy overcast rain other

Weather yesterday: sunny partly cloudy overcast rain other

Did you take your reading from a: boat (canoe, pontoon boat, kayak, etc.) dock/pier
bridge shore/wading in other: _____

SPECIFIC Site Name or Number: _____ **Secchi reading:** _____ metres

SPECIFIC Site Name or Number: _____ **Secchi reading:** _____ metres

Can the disc be seen on the bottom? Yes No

Is the Secchi disc all white black and white

Size of disc: 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?

Did you view the disc on the: sunny shady side of the boat?

Did you wear sunglasses during the measurement? Yes No

If using an instrument other than a Secchi disc, 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 (please circle one)

pH: _____ pH paper meter colour comparator other _____ (please circle one)

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?

| <u>Problem</u> | 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: _____ | | | | | | |

PLEASE SEND YOUR RESULTS TO:

BC Lake Stewardship Society
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