

BC LAKE STEWARDSHIP AND MONITORING PROGRAM - LEVEL 1 FIELD FORM + PROFILE

Take **evenly spaced** (weekly or bi-weekly) surface water temperature, clarity (Secchi disk), and lake profile readings throughout the ice off season. Sampling should be done at the same time each week, if possible, and if weather and water conditions permit. Any departure from these conditions should be recorded under “comments”. Please collect a **minimum of 12 samples per year**, taken between **10:00 am and 2:00 pm**.

SITE OVERVIEW

	EXAMPLE DATA	YOUR DATA
Lake Name	Test Lake	
Sampling Site Location Description	From west dock	
Volunteer Initials	BC/GW	
Date (YYYY-MM-DD)	2022-05-03	
Time (24 hr)	11:00	
Estimate total number of hours spent (prep to data submission)	3 hrs	

CURRENT CONDITIONS

Percent Cloud Cover (clear is 0/10)	9/10	
Wind Direction (direction the wind is coming from)	east	
Wind Speed (calm, low, med, high)	low	
Surface Water Condition (flat, ripple, chop, rough)	ripple	
Air Temperature (+/- 0.1 °C if YSI, and +/- 0.5 °C if thermometer)	14.4	
Anchored? (Y/N)	Y	
Lake Depth at Site (to 0.01 m) <i>Indicate method by circling: weighted tape or depth sounder?</i>	7.57	
Secchi Depth (average to 0.01 m)	5.62	
YSI Calibration (record the “Post Cal Value”)	95.63 %	
YSI Calibration (Record the “Barometer”)	696.1	

Observations/Comments:

LAKE PROFILE DATA

- Record dissolved oxygen (DO) to nearest 0.01 mg/L and water temperature to nearest 0.1 °C.
- The “0 m” depth is taken just below the surface of the water.

OPTIONAL: If your YSI meter allows, include the additional parameters in the grey columns below.

Depth (m)	Temp. (°C)	D.O. (mg/L)	<i>pH</i>	<i>Spec. Cond. (µS/cm)</i>	<i>Turbidity (FNU)</i>
0					
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
25					
30					
35					
40					
45					
50					

DATA SUBMISSION

Once the sampling season is complete, please load your data into the excel sheet provided and send it by email to info@bclss.org. For assistance, please email us at info@bclss.org or phone our office: **1-877-BCLAKES**.

Thank-you for your time and commitment to BC lakes!