



Office Use Only

Date Received:

Time Received:

Site Name:

Summer LakeKeepers Program FIELD SHEET

(Updated May 13th, 2024)

SAMPLING INFORMATION:

LAKE NAME:		DATE:
LOCATION NAME: (direction on lake, basin, near campground or park...)		
VOLUNTEER NAME(s):		TIME:
KIT NUMBER:	HOURS SPENT SAMPLING: (including calibration, transportation, sampling, and filtering)	

ENVIRONMENTAL OBSERVATIONS:

Air Temperature (°C)	
Wind Speed (km/hr)	
Wind Direction	
Cloud Cover Estimate (as a %)	
24-Hour Rain Fall	Yes <input type="checkbox"/> No <input type="checkbox"/> Amount: _____ mm
Evidence of Cyanobacteria Blooms	None <input type="checkbox"/> Particles in water <input type="checkbox"/> Streaks on surface <input type="checkbox"/> Scum or Surface <input type="checkbox"/> Other <input type="checkbox"/> _____
Secchi Depth (m) (This measures water clarity)	Disappears: _____ m Reappears: _____ m Average: _____ m
Colour of Secchi Disk	Colourless <input type="checkbox"/> Brown <input type="checkbox"/> Green <input type="checkbox"/> Other <input type="checkbox"/> _____
GPS Coordinates (record as many digits as possible)	Lat:
Formats:	Long:
Degree Minutes Seconds	<input type="checkbox"/> (e.g., 53°29'06.5"N 113°27'54.6"W)
Decimal Degrees	<input type="checkbox"/> (e.g., 53.485127, -113.465178)
Degree Decimal Minutes	<input type="checkbox"/> (e.g., 53°29.1076'N, 113°27.9107'W)

PROBE CALIBRATION:

DISSOLVED OXYGEN:

CONDUCTIVITY:

Barometer (mmHg):

Calibration Solution:

YSI PROBE MEASUREMENTS

Cable is already marked in meters- follow guide in manual

Note: Please let probe sit for 1 min in water to acclimate before recording values

Depth (m)	Temp (°C)	DO (mg/L)	Cond. (uS/cm)	Depth (m)	Temp (°C)	DO (mg/L)	Cond. (uS/cm)	Depth (m)	Temp (°C)	DO (mg/L)	Cond. (uS/cm)
0.1				10.0				21.0			
0.5				11.0				22.0			
1.0				12.0				23.0			
2.0				13.0				24.0			
3.0				14.0				25.0			
4.0				15.0				26.0			
5.0				16.0				27.0			
6.0				17.0				28.0			
7.0				18.0				29.0			
8.0				19.0				30.0			
9.0				20.0							

Chlorophyll-A Filter Volumes:

Approximate Bottom Depth (in meters)

Chlorophyll-A Filter #	Filter Volume (mL)
1	
2	
3	

Colour of Filter Paper:

Additional Comments: (difficulty with lake access, observed lake levels, issues with equipment, vegetation types, water quality, etc....):

Did You Remember To?

- Calibrate your probe for DO and Conductivity?
- Preserve your G2-Preserved bottle?
- Place G2-Preserved bottle in the fridge until ready for shipment?
- Place Chlorophyll-a filters and Microcystin (if collected) in the freezer?
- Label all 3 of your Chlorophyll-a petri dishes?
- Record the GPS location of the site sampled?
- Notify ALMS of your sample completion and send the shipment tracking number? (email: lakekeepers@alms.ca)