



# LakeKeepers

**Office Use Only**

Date Received:

Time Received:

Microcystin ID:

## SUMMER FIELD SHEET

(Updated May 25<sup>th</sup>, 2023)

### LAKE INFORMATION:

LAKE NAME:	DATE:
KIT NUMBER:	TIME:
VOLUNTEER NAMES:	

### ENVIRONMENTAL OBSERVATIONS:

Air Temperature (°C)	
Wind Speed (km/h)	
Wind Direction	
Percent Cloud Cover	
24 Hour Rain Fall	YES <input type="checkbox"/> NO <input type="checkbox"/> Amount: _____ mm
Evidence of Cyanobacteria Blooms	A: None <input type="checkbox"/> B: Particles in Water <input type="checkbox"/> C: Streaks on Surface <input type="checkbox"/> D: Scum on Surface <input type="checkbox"/> <i>*Take picture of bloom if present*</i>

### ON THE BOAT:

Secchi Depth (m)	Disappears: _____ m Visible: _____ m Average: _____ m
Colour of Secchi Disk (look at white stripe)	Colourless <input type="checkbox"/> Brown <input type="checkbox"/> Green <input type="checkbox"/>
Bottom Depth (m)	

### PROBE CALIBRATION:

Barometer mmHg

### Cyanobacteria Bloom:

Describe location sampled for microcystin (GPS coordinates preferred), as well general extent of bloom across lake:

Comments:



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## YSI PROBE MEASUREMENTS

Depth (m)	Temp (°C)	DO (mg/L)	Depth (m)	Temp (°C)	DO (mg/L)	Depth (m)	Temp (°C)	DO (mg/L)
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					

## Filtering Chlorophyll:

### GPS Coordinates:

<b>Lat:</b>  <b>Long:</b>
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Filter Paper #	Total Lake Water Volume Filtered (mL)
1	
2	
3	
Colour of Filter	

### Did You Remember To:

- ☐ Preserve both 250 mL Total Phosphorus bottles?
- ☐ Filter ChlA and add magnesium carbonate to your filter paper?
- ☐ Place the correct samples in the fridge and freezer?
- ☐ Hours spent sampling / processing / shipping / driving: \_\_\_\_\_
- ☐ Label your petri dishes?
- ☐ Take microcystin sample? Describe location and extent of bloom? Did you take a picture?
- ☐ Notify ALMS of your sample completion (send email to [kurstyn.cappis@alms.ca](mailto:kurstyn.cappis@alms.ca))?

Comments: