



LakeKeepers

Office Use Only

Date Received:

Sample ID:

Microcystin ID:

FIELD SHEET

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>*If B, C or D, take microcystin grab sample & picture of bloom*</i>

ON THE BOAT:

Secchi Depth (m)	Disappears: _____ m
	Visible: _____ m
Colour of Secchi Disk	Average: _____ m
	Colourless <input type="checkbox"/> Brown <input type="checkbox"/> Green <input type="checkbox"/>
Secchi Depth X 2 (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)	Dissolved Oxygen (mg/L)	Depth (m)	Temp (°C)	Dissolved Oxygen (mg/L)
1.0			11.0		
2.0			12.0		
3.0			13.0		
4.0			14.0		
5.0			15.0		
6.0			16.0		
7.0			17.0		
8.0			18.0		
9.0			19.0		
10.0			20.0		

Filtering Chlorophyll:

Sample #	Total Lake Water Volume Filtered (mL)
1	
2	
3	

Did You Remember To:

- Preserve your 250 mL Total Phosphorus bottle?
- 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 if cyanobacteria bloom was present? Describe location and extent? Did you take a picture?
- Notify ALMS of your sample completion (send email to programs@alms.ca)?

Comments: