



# LakeKeepers

**Office Use Only**

Date Received:

Time Received:

Site Name:

P1:  P2:  P2 + ChIA:

## Winter Program FIELD SHEET

### SAMPLING INFORMATION:

<b>LAKE NAME:</b>		<b>DATE:</b>	
<b>LOCATION NAME:</b> (Where on the lake is the sample from? Can use the basin, nearby summer village, park, etc.)		<b>KIT NUMBER:</b>	<b>TIME:</b>
<b>Volunteer/Monitor Names:</b>		<b>HOURS SPENT SAMPLING:</b> (including calibration, transportation, sampling, and filtering)	

### ENVIRONMENTAL OBSERVATIONS:

<b>Total Ice Thickness</b>	cm <input type="checkbox"/> inches <input type="checkbox"/>
<b>White Ice Thickness</b>	cm <input type="checkbox"/> inches <input type="checkbox"/>
<b>Snow Coverage</b>	Complete snow coverage <input type="checkbox"/> Partial snow coverage <input type="checkbox"/> Snow drifts <input type="checkbox"/> Standing water <input type="checkbox"/> Slush present <input type="checkbox"/>
<b>Snow and/ or Slush Thickness</b>	cm <input type="checkbox"/> inches <input type="checkbox"/>
<b>Air Temperature (°C)</b>	
<b>Type of Auger Used</b>	Gas <input type="checkbox"/> Electric <input type="checkbox"/> Other:
<b>Water Colour</b> You can more easily visualize water colour after your sample has been collected.	Colourless <input type="checkbox"/> Brown <input type="checkbox"/> Green <input type="checkbox"/> Other:
<b>Water Clarity (please describe)</b>	
<b>Odour present</b>	Yes <input type="checkbox"/> No <input type="checkbox"/> Other: _____
<b>GPS Coordinates (record as many digits as possible)</b>	Lat:  Long:
<b>Formats:</b>	<input type="checkbox"/> (e.g., 53°29'06.5"N 113°27'54.6"W) <input type="checkbox"/> (e.g., 53.485127, -113.465178) <input type="checkbox"/> (e.g., 53°29.1076'N, 113°27.9107'W)

### PROBE CALIBRATION:

**DISSOLVED OXYGEN:**

Barometer:

**CONDUCTIVITY:**

Calibration solution #:

## YSI PROBE MEASUREMENTS

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				22.0			
0.5				11.0				23.0			
1.0				12.0				24.0			
2.0				13.0				25.0			
3.0				14.0				26.0			
4.0				15.0				27.0			
5.0				16.0				28.0			
6.0				17.0				29.0			
7.0				19.0				30.0			
8.0				20.0							
9.0				21.0							

### Chlorophyll-A Filter Volumes (for P2 with filter kit):

<b>Approximate Bottom Depth (in meters)</b>

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

Comments: (difficulty of lake access, observed lake levels, water quality, etc.):

### Did You Remember To:

- Calibrate your probe for Dissolved Oxygen and Conductivity?
- Record GPS location of site sampled?
- Preserve your G2-Preserved bottle (**P1 & P2**)?
- Preserve your Phytoplankton bottle (**P1 & P2**)?
- Place G2-Preserved, Isotope Bottles (G2-F, Total Ammonia, Chlorophyll-a bottle for **P2**) in the fridge or on ice for shipment? If filtering Chlorophyll-a, are all **3 filter papers** in the freezer?
- Notify ALMS of your sample completion? (email: [lakekeepers@alms.ca](mailto:lakekeepers@alms.ca))