

Dissolved Oxygen and Temperature

Lake Name: _____ County: _____ Township: _____

Lake Sampling Site (Field ID) Number: _____ (mark location on map below)

Latitude: _____ Longitude: _____

Volunteer Monitor Name(s): _____

Date Sampled: _____ Time: _____

Weather Conditions (sunny, cloudy, windy, etc.): _____

Unusual Conditions (heavy rain, boating, etc.): _____

Sampling Station Depth (measured): _____ feet

DO/Temp. Meter (circle one): YSI Model 550A YSI Pro20

Calibration Values (For 550A only; Pro20 does not give calibration values):

DO: _____% air saturation (Must be 93-103%; Troubleshoot if out-of-range)

Temperature: _____ °C Lake Altitude Value: _____ (x100 ft.)

In the box below draw an outline of your lake (or attach copy of lake map). Mark your DO/temperature sampling location (this should be the deepest basin in the lake) and write the total lake depth at this location.

North
▲

Lake Name: _____ Surface Area: _____ (acres)

****CAUTION: Remember to switch to mg/l mode before making oxygen measurements.****

Depth (ft.)	Temp (°C)	DO (mg/l)	Depth (ft.)	Temp (°C)	DO (mg/l)
1			37½		
5			40		
10			42½		
15			45		
17½			50		
20			55		
22½			60		
25			65		
27½			70		
30			75		
32½			80		
35			Note: Take last measurement 2½-3 ft. above bottom sediments of the lake.		

DATA SHEET TURN IN

Hold onto your datasheet. It is our intention to get these uploaded into the new MiCorps database in 2021.