DISSOLVED OXYGEN AND TEMPERATURE
2024 Data Form

Michigan Clean Water Corps

Cooperative Lakes Monitoring Program

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 (make sure to measure before you begin sampling): _____ feet

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

Calibration Values (Only for 550A; Skip if using a Pro20):

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

   Lake Elevation Value: _____ (x100 ft.)

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

North
▲

Surface Area :_____(acres)

Lake Name, County, and Field ID number: _____

** REMEMBER** make sure you are measuring oxygen in mg/l before making oxygen measurements.**

Depth (ft.)	Temp (°C)	DO (mg/l)	Depth (ft.)	Temp (°C)	DO (mg/l)
1			55		
5			60		
10			65		
15			70		
17½			75		
20			80		
22½			85		
25			90		
27½			95		
30			100		
32½			105		
35			110		
37½			115		
40			120		
42½			125		
45			130		
50			**Note**: Take last measurement 2½-3 ft. above bottom sediments of the lake.		

DATA ENTRY

If you can, please enter your data into the MiCorps Data Exchange by October 31st.

DATA SHEET TURN IN PROTOCOL

Please do the following:

(1) Make a copy of your field data sheets to keep for your records

(2) Mail one copy by October 31st to: MLSA, P.O. Box 303, Long Lake, MI 48743

OR

For electronic submission, send to: MiCorps@msu.edu