Dissolved Oxygen and Temperature

Data Form

Lake Name: _____ County: _____ Township: _____

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

Latitude:_____ Longitude:_____ Circle GPS / Map

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 95D YSI Model 550A

CLMP Meter ID# (e.g., IL-1, IL-12, MLSA-4, etc.):_____

Calibration DO: _____% air saturation (after calibration value saved – main display)

Calibration 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
▲

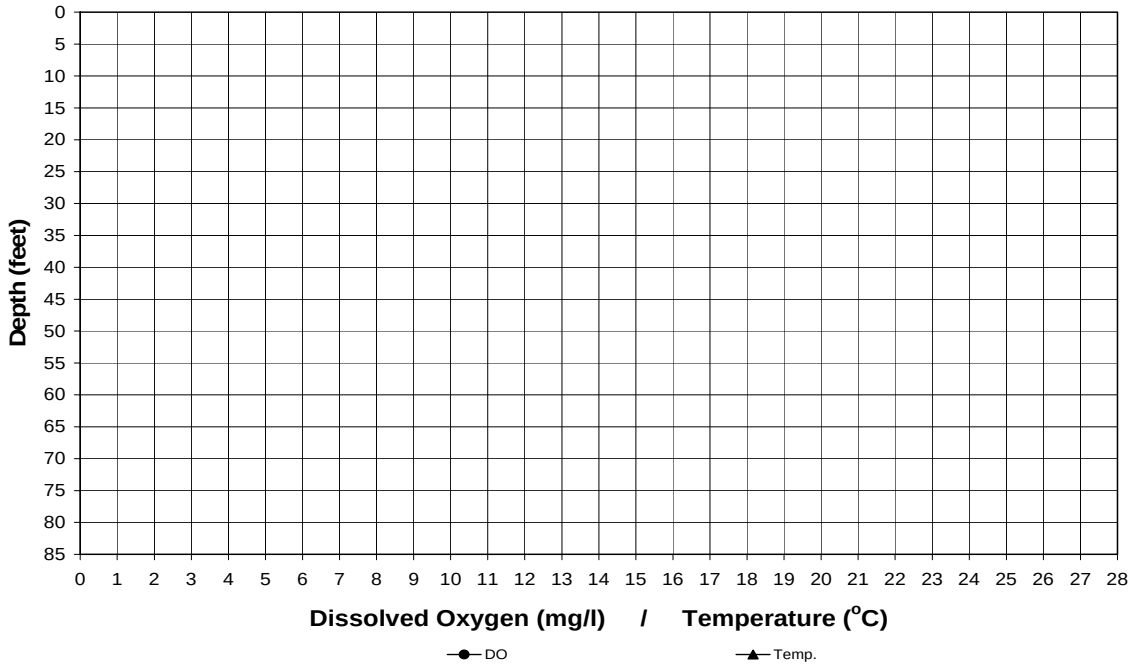
Lake Name:_____ Surface Area:_____(acres)

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.		

On the graph below plot your temperature and DO data as separate depth profiles. The y-axis is the lake depth (feet) from surface to bottom. Use the x-axis for both the DO (mg/l) and temperature (°C) scales. Use dots with a solid line for the DO data points and triangles with a dashed line for the temperature data points.

Dissolved Oxygen and Temperature Profiles

Lake Name_____ **Date**_____



◆ Mail completed forms **no later than October 15** to: **Mr. Ralph Bednarz, MDEQ, Water Division, P.O. Box 30273, Lansing, Michigan 48909-7773.**

◆ If you entered these data into the MiCorps online Data Exchange, please provide your name & date entered: Name:_____ Date:_____

Data must be entered by October 30!