

Dissolved Oxygen Testing

Several lake associations are interested in collecting temperature-oxygen data. Due to this high volume of interest and the availability meters, we are changing the protocols for collection of this valuable data to align with recommendations made by the MOECC and MNRF for collection of lake temperature-oxygen data.

We are suggesting that, at a minimum, lake associations obtain temperature-oxygen profiles at the end of summer (specifically, between August 15-September 15). This eliminates the need to evaluate seasonal changes in the profile, and concentrates on the “worst case” profiles at the time of year when oxygen concentrations in the hypolimnion are at a minimum. This approach also allows the collection of temperature-oxygen profiles from several different lakes at the end of the summer, which is more useful than a series of monthly observations from fewer lakes.

We have several lake associations which are interested in collecting temperature-DO data. In addition to the program we have arranged with Maxim Environmental, the MOECC has offered to loan 2-3 meters. Two of these MOECC meters have longer cables (up to 45m).

If you interested in borrowing one of the meters from the MOECC to obtain an end-of-summer temperature-oxygen profile for 2015, please reply to this email by providing the following information:

Lake Name

Lake Association Name

Name and contact info of person who will be doing the profile (if known)

Lake depth at the deep spot

If there are preferred dates between August 15 and September 15, 2015

I will then organize the lending of MOECC equipment and sharing between lakes to avoid shipping costs and time delays.

A training session can be held in August to assist groups who would like instruction on how to use the equipment in situ.

Please let me know if you have any questions. Thanks for your ongoing participation in Lake Stewardship,



Debbie Balika – Executive Member and Science adviser -