

## Intermediate Lake Association Newsletter 2006

### Water Quality Modeling of Intermediate Lake

As many members may know, the Three Lakes Association is completing an impressive water quality model of Torch Lake. Their goal is to accurately model Torch Lake to provide a scientific basis for land-use planning. This summer the Three Lakes Association intends to continue testing Clam Lake and Lake Bellaire. The Elk Lake Association is also applying for grant funds to begin testing their lake. It's reported that Michigan's DNR considers the entire Chain of Lakes to be a priority for this modeling effort.

So, all eyes are on the Intermediate Lake Association. We are encouraged to apply for an \$80,000 grant to test and to model our own lake. Before we can apply for state funding, we must first convert the Intermediate Lake Association to non-profit status. We must then enlist the help qualified individuals and organizations to complete a funding application. Our goal is to apply for 2007 or 2008 grant funds.

### Volunteers Needed!

The Intermediate Lake Association needs help! Water quality testing of Intermediate Lake will require the dedicated efforts of our members. We have much to learn, but we envision a core group of people taking water quality samples once per month. We may also measure water flow rates at the bridge and near the airport, plus the flow rates in the smaller tributaries. We thus encourage members, friends, and others who care to devote some time to this project. Please contact Scott Zimmerman for more information at (231) 533-9186 or [scott@wzpatents.com](mailto:scott@wzpatents.com).

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### 2006 Meeting Schedule

Get your calendars! The Intermediate Lake Association will hold monthly meetings on the following dates. All meetings will start at 10 AM and be held at the Central Lake Government Center. Once again we'll have coffee and doughnuts to help start your day!

Saturday, June 3rd  
Saturday, July 8<sup>th</sup>  
Saturday, August 13<sup>th</sup>

We again encourage you to bring your weekend guests! Guests may become future property owners and/or members, so we welcome participation.

## Soon to be Non-Profit!

The Intermediate Lake Association is going non-profit! Although this is a long and tedious process, the Association will greatly benefit. A non-profit status will open new sources of funding. We can apply for governmental grants for water quality testing, lake modeling, and fishery population efforts. Moreover, your membership funds will be tax deductible. Our goal is to have this 501 (c) (3) status completed by 2007.

## The United States Flag

As Memorial Day and July 4th approach, there are laws regarding presentation of the United States flag. Below are only some of the laws that pertain to the flag. If you wish to read more, the laws can be found at 4 U.S.C. § 7.

- 1) No other flag or pennant should be placed above the flag of the United States.
- 2) When multiple flags are flown from the same pole or staff, the flag of the United States should always be at the peak. No other flag or pennant may be placed above the flag of the United States.
- 3) When the flag is flown at half-staff, the flag is always hoisted to the peak for an instant, then lowered to mid-staff. The flag is then always hoisted to full staff before lowering.
- 4) On Memorial Day, the flag is only flown at half-staff until noon. The flag is then hoisted to full staff.
- 5) The flag is flown at half-staff for 30 days from the death of the President or a former President.

## Intermediate Lake and Texas Instruments

Below is a brief overview of a solvent release at the former Texas Instruments Site in Central Lake.

During a routine, internal audit in July 1986, TI detected the presence of trichloroethylene (TCE) in groundwater beneath the TI Central Lake plant. TI immediately notified the Michigan Department of Natural Resources and the Michigan Department of Public Health. The exact source of the contamination was never determined but is suspected to be the result of routine and, at the time, acceptable manufacturing practices. From 1986 through 1998 TI conducted hydrogeological investigations, performed groundwater fate and transport modeling scenarios, remediated the suspected source area with soil vacuum extraction, and remediated surrounding groundwater via a pump and treat carbon adsorption system. In 1999 TI paid for and managed the installation of a municipal water extension covering 32 homes located on Intermediate Lake just east of the Plant. Also in 1999 Central Lake Township enacted a Groundwater Use Ordinance prohibiting the consumption of groundwater in an affected zone east of the Plant along W. Intermediate Road.

In early 2001 the Michigan Department of Environmental Quality (MDEQ) approved a Remedial Action Plan (RAP) for the TI Site. The RAP incorporated the extensive historic remediation, the municipal water extension and natural attenuation. With the approval of the RAP the Site was officially "closed" and taken off the MDEQ's 2001 list of Open Contaminated Sites.

TI continues annual sampling of 12 monitor wells on the former TI property and along W. Intermediate Lake Road. Results from the last several years show a continued reduction in the concentration of TCE in the groundwater. When the levels decrease below MDEQ guidelines (expected to happen in the next 10-20 years), the Groundwater Use Ordinance can be rescinded and the site will be de-listed.

## Michigan's Boating Regulations

As we enjoy Intermediate Lake, please remember these boating regulations. The regulations below are only summaries. The full text of Michigan's boating laws and regulations may be found at [www.michigan.gov/DNR](http://www.michigan.gov/DNR)

### BOATS

1. A valid registration decal must be affixed to both sides of the bow.
2. A child less than 12 years of age may operate a boat of less than 35 horsepower ONLY IF the child is supervised.
3. A child less than 12 years of age may not operate a boat of more than 35 horsepower.
4. A child between the ages of 12 and 15 years may operate a boat if i) they have passed a boating safety course or ii) they are supervised.
5. A person 16 years or older may operate a boat.

### PERSONAL WATERCRAFT

1. No one under the age of 12 years may operate a personal watercraft.
2. A child that is 12 or 13 years of age may operate a personal watercraft only if: i) the child has a boating safety certificate OR ii) the child is accompanied by a "parent or legal guardian." NOTE: Grandparents, aunts, uncles, cousins, and friends do NOT satisfy the regulation! If the child has not completed a boating safety course, ONLY A PARENT OR LEGAL GUARDIAN may ride with the child.
3. A child that is at least 14 years of age may operate a personal watercraft ONLY IF the child has obtained a boating safety certificate.
4. Any person born earlier than December 31, 1978 may operate a personal watercraft without restrictions.

### "IMPROPER DISTANCE"

When operating any vessel within 100 feet of shore, you must observe a "no wake" speed.

### PERSONAL FLOTATION DEVICES

Each personal flotation device must be "readily accessible." Antrim County's Sheriff interprets "readily accessible" to mean "in plain sight." All life jackets, then, must NOT be stowed in a closed compartment!

## Intermediate Lake Association

President: Scott Zimmerman

*scott@scottzimmerman.com*

Vice-President: Jeff Cullen

Treasurer: Bob Mohr

Secretary: Phyllis Frimodt

## Septic System Maintenance

Conserve Water

Reduce use of garbage disposal

Regularly pump your tank

Maintain drain field

Have tank & field regularly inspected

Don't flush wipes, diapers, & other non-biodegradable products!

Don't flush oil, paint, solvents, & other hazardous fluids!

## Keep ILA Strong!

**The Intermediate Lake Association needs  
your support!**

Membership is our lifeblood. If you are not a member, please consider joining the Association. Feel free to attend meetings to get a feel for our mission, our organization, and our goals. Then join the Association and help us protect Intermediate Lake!

If you are already a member, please keep your dues current. While all the officers are volunteers, your dues help us keep you informed and educated. More importantly, your collective membership helps us demonstrate support for the issues that affect us all. The greater our membership, the greater our voice.

You will find a membership form in this newsletter. Please take a moment to complete the form, enclose your \$25 yearly dues, and mail to the address provided.

**Return Address:  
Intermediate Lake Association  
P.O. Box 795  
Central Lake MI 49622**