

# TLA Quarterly

APRIL 2009

## President's Letter

## In this issue

While winter wanes, TLA's committees and task forces have been busy making plans for some fun and for achieving the Association's 2009 goals. The ice on Torch Lake is unusually thick (15 to 17 inches, mid-March) and we've been coping with an unusual amount of snow, in the range of 190 to 200 inches, but those who enjoy making maple syrup have been collecting and boiling the maple sap...a sure sign that spring is coming!

One of our 2009 goals has already be achieved. By now you should have received a copy of TLA's 2008 Membership Directory in the mail. This directory enables TLA members to communicate with each other and it serves as another gentle reminder about annually renewing your membership. Thank you Norton for the countless hours of editing and incorporating useful contact information for the officials in all eight townships with jurisdiction over the shoreline of Torch, Bellaire, and Clam Lakes. And thank you Tina Fields for formatting the membership database, and thank you proof readers, especially Jack Norris for spotting errors and typos. If you see errors and typos, please call them to our attention so they can be corrected in the next Membership Directory. Please remember that this directory is for the exclusive use of TLA members only, and is not to be made available for unsolicited marketing of goods and serves.

TLA has scheduled four events for next summer:

- Sun., June 14<sup>th</sup>, Golf Tournament, 1 PM at Cedar River Golf Course, Proceeds for TLA & GRNA educ. Activities; Pig Roast, golfers & non-golfers.
- Wed., June 24<sup>th</sup>, Educational Event, *In the Tank*, septic issues, featuring Glenn Ruggles' *The Passing of the Privy*, Alden Depot, 4 pm.
- Wed., July 22<sup>nd</sup>, Annual Meeting, Shanty Creek Resort, 6 pm, RSVP
- Wed., Aug. 18<sup>th</sup>, Educational Event, *In the Drink VI*, fish issues, with a first hand account of the last sturgeon in the Chain-of-Lakes, Shanty Creek Beach Club, 4 pm

Copies of fliers for the TLA Annual Meeting and the Golf Tournament may be found on our Website: [www.3lakes.com](http://www.3lakes.com), just click on the highlighted date on the calendar. I hope to see you at these events. Please stop and say "hello". We appreciate receiving your feedback.

THANK YOU Alan Hickman, Todd Collins, and Al Gibbs for Co-Chairing the TLA-GRNA Golf Tournament Committee. And THANK YOU Bob McClelland, Al & Marilyn Gibbs for Co-Chairing the Annual Meeting Task Force, and Chuck Drouillard for your willingness to lead a committee to nominate new members of the Board of Directors. THANK YOU Norton for arranging some interesting speakers for this summer's educational events.

Articles in this issue of TLA's Newsletter describe a few ongoing and emerging activities being addressed by TLA committees, including a new education partnership with local schools, a public forum to discuss the pros & cons of a new ordinance requiring an inspection of septic systems at the point of sale, collaborative efforts to support the re-licensing of the hydroelectric generation at the Elk Rapids Dam, efforts to protect shoreline greenbelts, and the Sheriff's new Water Watch Program where riparian volunteers can help in search & rescue efforts..

Sincerely,

Dean Branson

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The Mission of the Three Lakes Association is to provide leadership to preserve, protect, and improve the environmental quality of the chain of lakes watershed for all generations.



# THREE LAKES ASSOCIATION

*Founded 1966*

## OFFICERS

- Dean Branson, President
- Dorothy Clore, Vice President
- Becky Norris, Treasurer
- Art Hoadley, Secretary
- Bob Bagley, Past President
- Norton Bretz, Executive Director

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- A. Clearwater Township: Claudia Drake, Tina Fields
- B. Milton Township: Bob Oswald, vacancy
- C. Torch Lake Township: Arlene Westhoven, Becky Norris
- D. Central Lake Township: Alan Hickman, Patricia Roush
- E. Forest Home Township: Al Gibbs, Skip McCully
- F. Helena Township: Sue Reck, Judy Stuart
- G. Custer Township: Tom Turner, Bob Probst
- H. Kearney Township: Duane Drake, Shirley Hetzel

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- Bob Oswald, Water Quality
- Bob Bagley, Water Safety
- Unfilled, Public Relations
- Alan Hickman, Membership
- Becky Norris, Finance
- Patricia Roush, Education
- Duane Drake, Michigan Lake & Stream  
Association Cooperative Lake Monitoring Program

**The TLA Quarterly is published by  
the Three Lakes Association**

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Three Lakes Association  
P.O. Box 689 • Bellaire, MI 49615  
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# TLA Expands Its Education Outreach

In support of TLA's mission, "to preserve, protect and improve the environmental quality of the Chain of Lakes watershed for all generations," our organization is offering supplemental assistance and mentoring to help local educators enrich their science curricula. Our goal is to help develop future stewards of the waters of northwest Michigan. This new initiative is called the TLA Education Outreach Program. TLA believes that science education, especially topics related to water quality, fit best with our goals.

TLA approached the four local school districts which border on Lake Bellaire, Clam Lake and Torch Lake with an offer of financial and other assistance to enhance the science curriculum. These districts are Bellaire, Central Lake, Kalkaska, and Mancelona. After initial interactions with the schools, we have identified several areas where our assistance can be valuable.



Central Lake Trojans



Bellaire Eagles



Mancelona Ironmen



Kalkaska Blazers

This initiative began last fall. Since then, we have gathered information about science-related needs of these four districts; needs which are difficult to fund in tight budget times. With district administrative authorization, we asked all K-12 science teachers to send us wish lists where TLA might best help. Wish list items could include, but are not limited to, funding field trips, science project and equipment expenses, underwriting professional publications, professional memberships in science education organizations, educator conferences, mentoring, etc. These lists are now in hand and a committee of TLA members has met to review the requests, and will present their recommendations at the April 14<sup>th</sup> board meeting. Our intent is to respond to the schools in time so that they can include TLA's contributions in their plans for the rest of this school year and into the next.

## Elk River Chain-of-Lakes Maps

Discussions with Central Lake elementary teachers brought to light another way for TLA to help the schools. These teachers said most of their students have been to area lakes but many do not know the names of the lakes or how our lakes are connected in a single ecosystem. They expressed a need for Chain-of-Lakes area maps both in worksheet format and larger wall-sized versions to be placed in school libraries and classrooms.

As a result, TLA's board voted in March to authorize expenditures of up to \$1,000 for framed wall and worksheet maps. Michigan Maps, Inc, in Elk Rapids, will produce a 12" x 24" framed color Chain-of-Lakes Area maps for the 12 school libraries in Central Lake, Bellaire, Mancelona and Kalkaska. To view these maps see [www.michiganmapsonline.com](http://www.michiganmapsonline.com). TLA hopes to donate a Chain-of-Lakes wall map to each of our area's public libraries, as well.



Elk River Chain-of-Lakes Map from Michigan Maps

*Continued on page 3*

# Inland Seas Education Association Schoolship Program

The first wish lists came from Central Lake and Bellaire high school science teachers. Both asked, among other items, for funding of an excursion aboard the Inland Seas Education Association's schoolship. The schoolship program takes students out on Grand Traverse Bay for half-day excursions, exposing them to the science of the Great Lakes using a variety of learning stations aboard the ship. Central Lake students have participated in the Inland Seas excursions in the past, but dropped the trip in recent years due to budget constraints. Bellaire asked to increase the number of students attending by funding a second trip.

Inland Seas Education Association (ISEA) is a non profit environmental organization based in Sutton's Bay. The mission of ISEA is to protect the Great Lakes through environmental education of children and adults. ISEA owns and operates two schoolships, the schooners Inland Seas and Manitou, as well as an education center in Sutton's Bay featuring aquaria, interactive exhibits, a lab, a classroom and a resource center for teachers. For more information, visit [www.schoolship.org](http://www.schoolship.org).

TLA's board, on hearing of the Central Lake and Bellaire requests in early January, voted to fund one annual schoolship excursion in each of the four districts. As a result, Central Lake, Bellaire and Mancelona will take their classes this spring and Kalkaska will be able to take all of their 7<sup>th</sup> graders in the fall.



2007 TLA Interns on ISEA Schoolship Program

## Carol Gray Norris Education Scientific Education Fund

The Carol Gray Norris (CGN) Fund was created by the Norris family to offer loans to students, groups of students, or science competition teams in order to purchase necessary materials. As part of the new schools initiative, TLA notified every science teacher in the four districts of this fund and will continue to do so annually.

Recently, a Kalkaska middle school science teacher, Paul Guy, contacted TLA about the school's annual, 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> grade science fair competition. The event is held every May and involves about 360 students working individually or in pairs on science projects. Mr. Guy said that assistance in funding projects where there is financial need would be greatly appreciated. This is clearly the type of activity for which the CGN Fund was created.

Mr. Guy invited interested members of TLA to attend or judge the science fair. In addition we want to offer our expertise and assistance when the schools ask for help whether in the classroom or on projects. Many TLA members have a background in science and experience in water quality issues. As we build a closer relationship with the schools, there will be opportunities to mentor students, assist in classroom projects, and help teachers. If you are interested in learning more about the science fair, judging, or contributing to our outreach program please contact Patricia Roush, TLA Education Chairperson, at 599-2198 or [proush@torchlake.com](mailto:proush@torchlake.com).

## Request for Special Donations

Our organization can take pride in our new education outreach activities. Even early in the process, we have been able to supply valuable assistance to Chain-of-Lakes students. We are also building relationships with area educators and students that benefit all of us.

Already TLA has dedicated \$4,000 to the four Inland Seas excursions and \$1,000 for Elk River Chain-of-Lakes maps. However, the total of the requests for assistance from the four school systems exceeds these number considerably. We cannot satisfy all the requests, so we have prioritized the lists and are examining our own budget to decide what else we can afford. We rated highly items such as water quality sensors, Michigan Science Teachers Association conferences, Grass River Natural Area field trips, calculator based lab probes for stream flow, microscopes and microscope projectors. We can fund some of these requests from our regular budget. However, TLA asks you to enlarge the funding of this initiative. We can positively impact the environmental future of our area by helping to educate young minds and hearts. We encourage you to donate whatever you can by designating a contribution to the TLA Education Outreach Program. In the future we will be contacting outside organizations to match some of these efforts. We will also be contacting individuals to make Challenge Grants to multiply the contributions we receive from our membership and we will keep you informed about our progress.

Our area has been affected more than most by the recent economic downturn and our schools feel this acutely. Please consider reaching into your savings to help. Education of our area's children is the best investment that our lakes will be well cared for in the future.

# Elk Rapids Dam Re-Licensing: TLA's Involvement . . . . .

This article is a follow-up update of the articles in TLA's January 2009 Newsletter about the history and importance of the Elk Rapids Dam in this watershed. Based on a series of meetings with Mark Stone (Antrim County Drain Commissioner), Bill Stockhausen (ER Dam Operations Director), and Kyle Kruger (Michigan Department of Natural Resources - MDNR), we have become more enlightened on the re-licensing regulatory process. The current license lapses on January 1, 2014. Mark Stone Chairs Antrim County's Committee to re-license the hydroelectric operation. Although TLA is not directly involved in this committee, Mark has invited Norton and Dean to participate, as part of a team of engaged collaborating stakeholders. Stockhausens (Bill and his son "Stock") are the owners and operators of the hydroelectric generating equipment, which they purchased from Antrim County, the owner of the Dam. Kyle Kruger is DNR's lead fisheries official involved in recommending re-licensing in accordance with "MDNR Recommended Review Criteria and Study Guidance for the FERC Licensing Process 2003". Although the ultimate authority to issue a license to operate a hydroelectric generating facility is the Federal Energy Regulatory Commission (FERC), the pinch-point in the process that is expected to take most of the time and money requires a favorable recommendation from MDNR.

As owner of the Elk Rapids Dam, Antrim County Commissioners are preparing to issue a Letter of Intent to MDNR to re-license the

hydroelectric license. Understandably, the County Commissioners would like to have some understanding of a budget associated with generated an information package for MDNR's review and approval. This information package must include the following study reports as described in their Study Guidance:

1. Project Operation and Engineering Information
2. Fisheries (Aquatic) Habitat Information
3. Fisheries Data; Fish passage, Entrainment & Mortality, Woody Debris Information
4. Wildlife (Terrestrial) Habitat Information
5. Wildlife Information
6. Recreation Information
7. Water Quality Information
8. Coastal Zone consideration

The next step in this process is to obtain an informal understanding with DNR officials regarding the scope and nature of the "study reports" for each category that DNR determine to be appropriate for the Elk Rapids Dam hydroelectric operation. Based on a preliminary understanding of the appropriate scope and nature of the information package, rough cost estimates will be developed and presented to the County Commissioners, as the necessary prerequisite to their submission of a Letter of Intent.

Thank you Norton for providing a Bibliography of Papers and Reports Related to the Elk River Chain of Lakes, Antrim County". This Bibliography and the Grand Traverse Bay Watershed Center's Watershed Protection Plan are expected to provide some of the information in DNR's required information package.

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## Oh, Oh. What's an O-O? . . . . .

Sheriff Dan Bean recently announced the Antrim County Lake Watch Program for the fourteen lakes in the Elk River Chain-of-Lakes. The program is a voluntary partnership between the public and the Sheriffs Department. It will enable private citizens to assist the marine patrols in promoting water safety. Interested persons are invited to volunteer to become Official Observers, or O-O's.

An Official Observer will be a person known to the Department to be a responsible individual and a respected member of the community who resides on the lake. The essence of being an O-O is to observe what is going on within plain view of his or her residence. On occasion, the Department might request an O-O to assist in watching an ongoing emergency such as a capsized boat or a boat fire until the marine patrol is able to reach the scene.

Each O-O's residence will be assigned a unique alpha/numeric designator and the Sheriffs Department will issue the O-O a suitable sign to display from their dock. The goal is to have an O-O

at least every mile around the lakes to enhance search and rescue capabilities. If necessary to aid in recovery of accident victims, Central Dispatch (9-1-1) may send the ambulance to the O-O's home to pick up the patient from the patrol boat in order to speed transfer to the hospital.

Each patrol boat will have a listing of names, locations, and telephone numbers of O-O's in order to be able to call for support when additional eyes and ears will help to keep our lakes safe.

If you are interested in helping, please contact the Antrim County Sheriffs Department, Marine Division (231) 533-8627 x2551 and leave your contact information. The process begins by completing an application. There will be instruction for volunteers involving a few class sessions. Items covered will include what constitutes a marine violation, how Central Dispatch works, a tour of the 9-1-1 Emergency Operations Center, introduction to road patrol operations, and other facts intended to inform O-O's what type of information is helpful for marine patrol.

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## 2008 TLA Membership Directory . . . . .

By now you should have received a copy of TLA's 2008 Membership Directory that was mailed March 19, 2009. This Directory includes all the names of new and renewed members in 2008. If you have not received your copy of this Directory, then please leave a message on the phone machine in TLA's office (231) 533-4852. Since membership dues and donations are TLA's most important source of funds to support ongoing programs, we included a column in this Directory to indicate the most recent year

of each member's paid membership. Although \$50 is the minimum dues to renew membership, the majority of renewal checks are for more than the minimum, which indicates the member's donation in support of ongoing programs.

If 2007 appears in the date column adjacent to your name in the Directory, then our records indicate that you renewed your

*See Membership Directory on page 7 for continuation*

# Clam Lake Shoreline Greenbelt Survey



During the summer of 2008, Friends of Clam Lake (FoCL) and Three Lakes Association conducted a shoreline greenbelt survey of the Clam Lake and Clam River. The report is now finished and has been posted on the FoCL and TLA web sites: [www.friendsofclamlake.com](http://www.friendsofclamlake.com) and [www.3lakes.com](http://www.3lakes.com)

The survey was conducted using the same methodology as employed for a similar survey of Torch Lake's shoreline in 2007 and Lake Bellaire's shoreline in 2008. These surveys were conducted in a consistent manner to allow a comparison of results and to document the baseline condition for Clam Lake and Clam River shoreline greenbelts. Another purpose of this survey was to help build awareness of greenbelt protection practices, as part of our collective efforts to maintain our excellent water quality.

Only the summary data has been included in this report, such as 43% of the 8.8 miles of shoreline being developed & landscaped and 57% being undeveloped; in its natural condition. The undeveloped shoreline includes 1.4 miles of shoreline that is protected from residential development because it is owned by Grass River Natural Area.

Individual property owners can request a copy of the confidential findings for their property by writing or e-mailing either Friends of Clam Lake: P.O. Box 173, Alden, MI 49612, email [friendsofclamlake@focl.info](mailto:friendsofclamlake@focl.info) or Three Lakes Association: P.O. Box 689, Bellaire, MI 49615, email [info@3lakes.com](mailto:info@3lakes.com). In response to each request, a copy of the confidential findings for the owner's property will be mailed to their home, including sources of information for those interested in improving their shoreline greenbelt.

Most property owners purchased or inherited their property with the shoreline greenbelt already established as it is today. As you look at the results, remember that the greenbelt in this survey consists of the land from the shoreline edge back 25 feet. Docks, boats, rafts, and buildings near the shoreline were not part of this survey.

Based on the experience obtained from the Touch Lake and Lake Bellaire surveys, the Clam Lake survey added the use of aerial photography. The pictures both document the shoreline as it was during the 2008 survey and facilitated the identification of each property from the water, where the actual survey form was completed. After the digital photos were downloaded from the camera, the county plat maps were used to roughly identify property lines.

The photos were edited with lines and ID numbers and assembled in photo booklets for use on the water. The ID numbers were assigned so the correct property evaluation sheet was used. Using this method made sure the entire lake and river shoreline was evaluated. The report only used the summary of this data and does not reference specific properties.



Clam Lake looking west



Clam Lake parcel photo survey ID numbers

# 2008 Water Quality Monitoring Results .....

Since 2004, Three Lakes Association has participated in the Cooperative Lakes Monitoring Program (CLMP), which is a collaborative program between Michigan Lakes & Streams Association (MLSA) and Michigan Department of Environmental Quality (MDEQ). TLA's participation requires an annual fee of \$450 for equipment and supplies plus four volunteers, one for each sampling station, who are willing to collect water samples and make monthly water-clarity measurements mid-May through mid-September. DEQ analyzes the samples and compiles the data in an Annual Report found at [HYPERLINK "http://www.micorps.net/lakereports.html"](http://www.micorps.net/lakereports.html) \t "\_blank" www.micorps.net/lakereports.html.

A special THANK YOU to the following volunteers who diligently made the water clarity observations and collected the water samples in 2008:

- Duane Drake, Lake Bellaire, and TLA's CLMP coordinator
- Art Hoadley, Clam Lake
- John Kreag, Torch Lake, southern deep basin
- Jack Mayer, Torch Lake, northern deep basin

The most important conclusion from these data is that all three lakes continue to show unchanging and very high water quality, i.e. pristine water quality. Water clarity, as measured with the Secchi Disk five times each year, continues to show the same seasonal cycle as found year after year. Detecting this cycle is good news because it confirms that our basic understanding of the way these lakes have operated for many, many years. This cycle shows a maximum value in May, before the period of algal growth and before the onset of calcium carbonate precipitation. As the water warms, the water clarity naturally becomes less and less. It is reassuring to confirm that the natural biological and chemical processes are working as expected.

Warm water causes algae and phytoplankton organisms to grow.... and the formation of small particles of insoluble calcium carbonate. The suspension of these organisms and small particles of insoluble calcium carbonate in the water column reduces water clarity.

In all of our lakes, the Secchi Disk depths appear to be dominated by the formation of insoluble particles of calcium carbonate as the water warms during the summer. As the particles become larger and larger, they sink to the bottom of the lake and stay there forever. This water purification process removes 90% of the phosphorus that enters Torch Lake and 75% from Lake Bellaire. The measured levels of chlorophyll-a (1.1 to 2.0 ug/l or micrograms per liter) compared to 0.5 ug/l in Torch Lake indicates that algal growth in Lake Bellaire and Clam Lake is also affecting water clarity to a small degree.

The measured phosphorus data may appear reassuring, in terms

of the lack of a clear increasing trend over the last few years, but DEQ's "reporting level" for these measurements (3 ppb or parts per billion by weight) is too high to reliably measure the concentration of total phosphorus in Torch Lake. Based on several hundred samples measured in 2006, the average concentration of phosphorus was 2.6 ppb in Torch Lake using an analytical method that accurately measured total phosphorus at the 1 ppb level. The wide range of values reported may be the result of minor contamination of a single water sample.

TLA truly appreciates to efforts of the four volunteers who systematically collect the water samples and record the water clarity data. These data provide an early warning of the health of the lakes in a manner similar to abnormal blood pressure and temperature provides an early warning of human health problems. If this cost-effective screening of the lake water quality were to show unexpected findings, then follow up, more comprehensive testing would be triggered.

	<b>Bellaire</b>	<b>Clam</b>	<b>S. Torch</b>	<b>N. Torch</b>
<b>Secchi Depth (ft)</b>				
2008 Min.	<b>9</b>	<b>13</b>	<b>13</b>	<b>16</b>
2004-2007 Min.	20-22	22-22.5	16-28	14-18
2008 Max.	<b>20</b>	<b>26</b>	<b>42</b>	<b>42</b>
2004-2007 Max.	2-22	22-22.5	35-35	40-44.5
<b>Phosphorus, total (ppb)</b>				
2008 Result	<b>4</b>	<b>8</b>	<b>&lt; 3</b>	<b>&lt; 3</b>
2004 to 2007	< 4 - 9	3 - 12	~ 1 to 10	~ 2 - 14
<b>Chlorophyll a (ug/l)</b>				
2008 Result	<b>1.5</b>	<b>1.3</b>	<b>0.5</b>	<b>0.5</b>
2004 - 2007	1.3 - 1.7	1.1 - 2.0	0.5 - < 1	0.5 - < 1

## Update on Point-of-Sale Ordinances .....

One of TLA's 2009 Goals is to work with the eight townships with jurisdiction over some portion of the watershed that borders Torch, Bellaire, and Clam Lakes to encourage their consideration of a Point-of-Sale Ordinance requiring an inspection of septic systems. This goal is based, in part, of the findings of our 2007 Water Quality Modeling Studies that identified groundwater entering our lakes as a major source of phosphorus. Furthermore, other townships and counties with inspection ordinances show a significant septic system failure rate.

*See Point-of-Sale Ordinance on page 7 for continuation*

# Point-of-Sale Ordinances . . . .

## *continued*

We were pleased to learn that the Kalkaska-Manistee Public Health District recently introduced such a clause in their Sanitation Code, which was subsequently adopted by Kalkaska County and became effective on April 1, 2009. Therefore Clearwater Township, one of the eight townships with jurisdiction over a portion of this watershed is now covered with this type of protection of water quality.

There are a couple of unique aspects to the Kalkaska Point-of-Sale Inspection Program. First, the inspection requirement applies to both the septic system and the drinking water well. And second, the Kalkaska Health District must certify inspectors. Until the Health Department trains and certifies other inspectors, Health Department officials will conduct the required inspections.

Preliminary arrangements have been made for TLA to introduce the concept of a Point-of-Sale Ordinance requiring an inspection of septic systems at Torch Lake Township's May 12 meeting of the Board of Trustees. This presentation will include a package of information about this type of ordinance including examples of similar ordinances already adopted by other townships and counties, the failure rate findings from these inspection programs, and responses to Frequently Asked Questions about this type of ordinance. If the Torch Lake Township Trustees authorize a public forum to review the pros & cons of such an ordinance, then TLA would help organize and facilitate such a public forum. The day, time, and location of a public forum, tentatively mid-June, would be determined by the Torch Lake Township Trustees.

## Membership Directory *continued*

membership in 2007, but not in 2008. If 2009 appears in this column, then you are one of the 341 members who responded to the appeal Letter mailed in December 2008 and renewed your membership for 2009. THANK YOU.

The word "LIFE" in the date column indicates members who paid a one-time \$1,000 membership fee for their lifetime membership. 189 members from 2008 have not yet renewed their membership for 2009. If all 189 renew, then our membership would raise to 530, which is only 20 from our 2009 goal.

Please check the mailing label on this newsletter for the date of your current membership. If it does not say 2009, then please consider renewing as soon as possible. A strong membership is important, not only for the financial health of the organization, but also for the increased political clout that comes from greater numbers. Zone directors will meet on June 18<sup>th</sup> to plan this summer's membership development campaign. Last summer's efforts in Central Lake Township (Zone D) netted an increase of 30 new members. If you have a friend, colleague, or neighbor who is not a member, please encourage them to join with us in our mission to protect this watershed we all hold dear. Since January 2009, the following people have become members of TLA:

New TLA Members:

- Nathan S. Ross
- Bill Stockhausen - Elk Rapids Hydro Electric Power

# membership counts!

**BASIC \$50**      **DONOR \$100**      **STEWARD \$500**  
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\* \* \* \* \*

**To join Three Lakes Association please return this form with your check to:**  
**THREE LAKES ASSOCIATION**  
**P.O. Box 689**  
**Bellaire, MI 49615**

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*The Mission of the Three Lakes Association is to provide leadership to preserve, protect, and improve the environmental quality of the chain of lakes watershed for all generations.*

**April 2009 issue of the TLA Quarterly**

THREE LAKES  
ASSOCIATION

