

# Lewiston Lake Living

## Twin Lakes Property Owners Association

"making a difference in the life of our lakes and our community"

NOVEMBER, 2021

### President's Letter

As we enter the winter season, I hope you have all enjoyed another year on our beautiful East and West Twin Lakes. Like most other organizations, your TLPOA is now returning to normal operations after over a year of disruptions. For example, in the past several months we have:

- Conducted our August general membership meeting in person
- Held a summer membership party
- Returned to in-person monthly TLPOA Board Meetings

But even through the disruptions we have all experienced these past 18 months, your TLPOA Board has managed the following activities without interruption to keep our lakes as healthy as possible:

- East Twin aeration program
- West Twin Eurasian watermilfoil (EWM) treatments
- Lake monitoring as part of the Michigan Cooperative Lake Monitoring Program
- Water clarity studies

Your TLPOA Board believes that all property owners on our beautiful lakes should be TLPOA members to help protect the significant investments we all have for enjoying a lakefront experience. As such we conducted a membership campaign this past summer in an attempt to increase our membership. I am happy to report that we successfully recruited 66 new TLPOA members, 21 of which joined at the Lake Steward level. Many thanks go out to Tom & Bonnie Page who have led this successful membership drive.

One of the new projects we are working on involves the reduction of excess phosphorous into our lakes. I would encourage you to read the article in this newsletter detailing the considerations your TLPOA Board is making regarding this project.

Finally, a voluntary organization such as the TLPOA cannot continue to operate effectively without dedicated volunteers. While our general membership has grown over the past year, the number of TLPOA Board members continues to dwindle. For example, someone is needed to organize our 2022 Beach Party or we will be forced to cancel the event for the upcoming year. No need to worry about a lack of experience with any of our TLPOA activities. We will get you going to ensure you are successful. Just let us know at [LewistonLakeLiving@gmail.com](mailto:LewistonLakeLiving@gmail.com).

"Many hands make light work."

Have a great holiday season!

*Tom Conquest*

### TWIN LAKES PROPERTY OWNERS ASSOCIATION OFFICERS

#### President

Tom Conquest

#### Vice President

OPEN

#### Treasurer

Pat Kish

#### Secretary

Bill Siegrist

#### Board Members

John Jackson

Tim Manganello

Dominic Manzi

Judd Wellard

#### Consultants

Tom & Bonnie Page

Mike Dombrowski

#### Website

[www.tlpoalewistonmi.com](http://www.tlpoalewistonmi.com)

#### *Join us on Facebook!*

*Twin Lakes POA, Lewiston MI*

#### Mailing Address

TLPOA

P.O. Box 807

Lewiston, MI 49756

If you have comments or suggestions, please contact us at

[LewistonLakeLiving@gmail.com](mailto:LewistonLakeLiving@gmail.com)

*Thanks to all those who contributed to this issue.*

Dominic Manzi, Editor

**Twin Lakes Property Owners Association**  
**Statement of Activities for January 1 to September 30, 2021**

	Total		General Fund		Aeration		Eurasian Watermilfoil	
	Annual Budget	Actual to Date	Annual Budget	Actual to Date	Annual Budget	Actual to Date	Annual Budget	Actual to Date
<b>REVENUES</b>								
Lake Stewardships	13,500	10,950	13,500	10,950				
Family Memberships	4,500	3,430	4,500	3,430				
Interest	1,000	188	1,000	188				
Other	-	585		585				
Aeration	7,000	4,245			7,000	4,245		
Eurasian Watermilfoil	-	-					-	-
<b>Total Revenue</b>	<b>26,000</b>	<b>19,398</b>	<b>19,000</b>	<b>15,153</b>	<b>7,000</b>	<b>4,245</b>	<b>-</b>	<b>-</b>
<b>EXPENSES</b>								
Education	500	-	500	-				
Memberships and Communication	1,500	1,457	1,500	1,457				
Insurance	1,000	959	1,000	959				
Advertising and Public Relations	500	-	500	-				
Postal Expense	1,200	780	1,200	780				
Membership Events	500	300	500	300				
Lake Monitoring & Water Clarity	1,000	274	1,000	274				
Contingency	1,000	-	1,000	-				
Organizational	1,000	207	1,000	207				
Community Donations	1,500	1,000	1,500	1,000				
Beach Party	3,000	-	3,000	-				
Aeration	7,000	4,895			7,000	4,895		
Eurasian Watermilfoil	5,000	4,941					5,000	4,941
<b>Total Expenses</b>	<b>24,700</b>	<b>14,813</b>	<b>12,700</b>	<b>4,976</b>	<b>7,000</b>	<b>4,895</b>	<b>5,000</b>	<b>4,941</b>
<b>Total Net Income / (Deficit)</b>	<b>1,300</b>	<b>4,585</b>	<b>6,300</b>	<b>10,177</b>	<b>-</b>	<b>(650)</b>	<b>(5,000)</b>	<b>(4,941)</b>
<b>2021 Beginning Balance Cash and CD</b>		<b>165,682</b>		<b>53,433</b>		<b>8,882</b>		<b>103,367</b>
<b>Balance Cash and CD at September 30, 2021</b>		<b>170,268</b>		<b>63,609</b>		<b>8,232</b>		<b>98,426</b>

**2022 MEMBERSHIP DUES**

Membership Dues for 2022 are now payable using the form on page 7. As stated in the President's letter, donations to the Eurasian watermilfoil fund are not being requested in 2022 due to the healthy status of this fund.

The Aeration Program Fund (East Twin) is in need of donations and recommended amount is based on lakefront property frontage. Donations to this fund are restricted, meaning money donated to the fund can only be used for that program.

Membership dues help pay for everything else including lake studies and tests such as the Water Clarity Project. Dues also fund all the general fund line items shown above in the financial report.

Your membership and your generous donations are what enables the TLPOA to provide those programs and activities focused on maintaining healthy lakes so the lakes can be enjoyed for generations to come.

**THANK YOU FOR YOUR CONTINUED SUPPORT AND GENEROSITY!**

## CONSIDERATIONS FOR REDUCING LAKE PHOSPHOROUS LEVELS

Four years ago the TLPOA Board, under the leadership of Board Member John Jackson, initiated a project to identify causes for the gradual degradation in water clarity in East Twin Lake. Two causes have been identified to date that are believed to be the primary culprits:

1. **Lakeshore erosion** resulting from high water levels over the past several years.
2. **High phosphorous levels** entering the lake from precipitation runoff.

Fortunately, the water clarity in East Twin this past season has been much improved due to shoreline improvements by many of our lakefront property owners and much lower than average amounts of snowfall and rainfall early in 2021. These in turn have significantly reduced erosion and precipitation runoff into the lake, the two primary factors in reduced water clarity. However, we don't expect lower than average precipitation levels to continue indefinitely, thus continued diligence in efforts to improve water clarity is still needed.

Efforts being taken to date by the TLPOA Board to improve water clarity can be summarized as follows:

- **Education** of our TLPOA membership on the value of natural shoreline management which can reduce shoreline erosion. Healthy and natural shorelines reduce the amount of soil and nutrients entering the lake, the ingredients that cause reduced water clarity.
- **Supporting walleye stocking** by the MI DNR that maintains a healthy lake food chain by controlling the level of microorganisms in our lakes which can affect water clarity.
- **Phosphorous reduction** in the water entering our lakes from runoff during periods of high precipitation. Note that a healthy level of phosphorous and nitrogen is beneficial for our lakes. But high levels of phosphorous promote algae growth which in turn reduce water clarity. Our lake monitoring efforts through the MI Cooperative Lakes Monitoring Program (CLMP) have shown a slight continuing increase in overall phosphorous levels in East Twin Lake.

It is encouraging to see many new natural shoreline projects being implemented by our membership which can only improve the quality of our lakes. With respect to phosphorous reduction, two new technologies presented at the August TLPOA Membership Meeting have been identified that can reduce phosphorous levels in our lakes.

**EutroSorb:** These are bags of phosphorous absorbing material placed on the lake bottom in areas where water with high phosphorous content flows into our lakes.

**Phoslock:** This is a material that resides on the lake bottom in areas of high phosphorous content to inactivate the phosphorous before it can increase the phosphorous levels in the larger lake area.

These technologies have been used effectively in numerous lakes in the United States including Houghton Lake and Morrison Lake in Michigan.

Your TLPOA Board is considering contracting with PLM Lake & Land Management Corp to apply EutroSorb and/or Phoslock in the following high phosphorous locations identified on our lakes:

- East Twin Lake canal
- Retention Pond overflow location along the East Twin Buttes Road road-end
- Culvert between East and West Twin near Fleming Road

Rest assured that your TLPOA Board will fully evaluate the use of these technologies to ensure they can be safely used with no detrimental impacts to our lakes and which will meet all state environmental requirements before finalizing any plans.

Additional details on these new technologies are contained in the Water Clarity Report presented by John Jackson at the August TLPOA Membership Meeting. This report can be found by clicking on the Resources-Water Clarity/EMW tab on the TLPOA website which can be found at [tlpalewistonmi.com](http://tlpalewistonmi.com).

If you have any concerns or questions, please contact the TLPOA Board at [lewistonlakeliving@gmail.com](mailto:lewistonlakeliving@gmail.com).

## **WEST TWIN LAKE EURASIAN WATERMILFOIL TREATMENT UPDATE**

Eurasian watermilfoil (EWM), an aquatic invasive species, was first discovered in West Twin Lake back in 2014. Since EWM is nearly impossible to completely eradicate once it is introduced into a lake, herbicide treatments each season is the best way to control it. Your TLPOA Board continues to manage these herbicide treatments through use of qualified contractors.

PLM Lake and Land Management has been our EWM treatment contractor since 2017. In 2021, PLM applied the following herbicides in June, July, and August at specific EWM identified locations.

- ProcellaCOR/Diquat
- Renovate OTF more commonly referred to as Triclopyr
- SculpinG more commonly referred to as 2,4-D

All these herbicides are fully approved by the Michigan Department of Environment, Great Lakes, and Energy (EGLE) and pose no danger to swimmers or the lake fish population. Total cost for all three treatments was \$4,941 consistent with our 2021 EWM budget of \$5,000.

The good news is that through the generous contributions of our TLPOA membership in past years, our EWM restricted fund still has a healthy balance of \$98,426 which more than covered our 2021 expenses. As such, we are not requesting EWM restricted fund donations from our membership for 2022. Equally good news is that EWM has not yet been found on East Twin Lake.

## **2021 ANNUAL GREENBELT & CHICKADEE AWARDS PRESENTED**



The Greenbelt Award is presented to property owners who exemplify good shoreline practices to help protect our lakes from shoreline erosion and chemical runoffs. This year's recipients are Ron and Gerri Compton of West Twin Lake. In the photo at left, Ron is pictured on the right standing next to Tom Conquest, TLPOA President. Ron is holding a framed photo of his lakefront property which was presented to him by the Board.

The Chickadee Award is presented to a member who has done extraordinary work towards our mission of keeping our lakes healthy. The 2021 Chickadee Award recipient is Jim Morphey on East Twin. Jim received the award for both his outstanding shoreline erosion prevention project and his continued efforts at staying abreast on technologies and processes being used to protect other lakes. Jim was unable to attend the membership meeting in August, but was presented the trophy subsequently. The picture at right shows a section of Morphey's shoreline project which he recently undertook.



Thanks to Ron and Jim for being outstanding stewards of our precious lakes!

## LIGHT POLLUTION CONCERNS RAISED AT MEMBERSHIP MEETING

Concern was raised at the August membership meeting over the increase in lighting around the shorelines. The concern cited how lighting detracts from being able to see the wonderful night sky. More importantly, lighting could ultimately be harmful to the health of a lake. In the May, 2013 newsletter, we shared an article from Scott Brown of Michigan Lakes and Streams on the subject which included a story by Roger Carey called "LIGHTS". Parts of this article are contained below.

The negative effects of light pollution are numerous. Economically, wasted light is wasted money. The International Dark-Sky Association figures about a third of outdoor lighting is wasted because of poorly designed and inefficient fixtures. Estimates in the U.S. alone are the annual price tag for "misdirected light" is \$10 billion.

In terms of public safety and crime, experts say more light is not necessarily better. Fixtures that reduce light pollution can actually make lighting safer by reducing what's known as disability glare. This type of glare occurs when bright light scatters within the eye making it harder to detect contrast and harder to see people lurking in shadows. It also can allow criminals to better see what they are doing. Motion activated lights can help reduce both light pollution and criminal activity.

Wildlife and plants are also affected. For example, nighttime lighting can confuse animals that migrate (like moths and migratory birds), can modify predator-prey relationships and can even alter competitiveness within the same species. In the case of moths, it has been discovered that numerous flowering plants declined in numbers when the flight paths of pollinating moth species were affected by light pollution.

*("LIGHTS" by Roger Carey continued)*

As for lights located on shorelines, it is believed that zooplankton may stop feeding on algae if the lighting is too strong. Excessive algae growth causes an increase in bacterial activity and can lead to oxygen depletion in a lake. Depleted oxygen often results in many species of invertebrates and fish dying of asphyxiation.

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Perhaps the concerns raised at the membership meeting were also raised over the fact that misdirected lighting reduces drastically the ability to view the **night time sky**. Those of us who lived or still live in highly populated areas can attest to the fact that there are far fewer stars visible in those areas than there are "Up North." The major contributing factor: misdirected lighting which makes it nearly impossible to see the Milky Way or to view annual meteor showers.

It's always been so wonderful to share the glorious view of nighttime skies with others, especially those visitors (friends and family) who don't ordinarily have the opportunity because of where they live.

Hopefully, all of us will review our lighting practices and take steps like turning off lights whenever you can, and using light fixtures that only direct lighting downward, not up into the beautiful dark skies.

By the way, the next two prominent meteor showers are:

**Leonids:** November 3 through December 2, with peak times on November 17 & 18.

**Geminids:** November 19 through December 24, with peak times on December 13 and 14.

Those of us who find it difficult to lie outside face up (preferably in a zero gravity recliner) when it's cold outside should mark our calendars for the **Perseids Meteor Shower**, scheduled for the period July 14 through September 1, 2022. The peak times are August 12 and 13.

## Our 2021 Lake Stewards

The TLPOA Board would like to recognize and extend our gratitude to those listed below who generously decided to be Lake Stewards in 2021. These contributions are above and beyond donations made to the Aeration or Eurasian Watermilfoil Funds. Collections from Lake Stewardships, as well as Basic Family Memberships dues go into the TLPOA's General Fund and make so many things possible including lake surveys and monitoring, as well as social events.

Lewiston Lodge	Peter Gwyn	Martha M McLeod
Pine Beach Association	Cheryl Hallabrin & Mark Bowser	The Owczarek Family
Sheridan Valley Homes, Inc.	Lance & Lynel Harding	Chris Paffi
Sweetwater Homes	John & Wilma Harrison	David & Mary Paffi
Twin Lakes Marina, Inc.	Fred & Carol Heine	Tom & Bonnie Page
Bailey Ahmad	David & Sandra Hess	CaraLynn Pender
Peter & Mary Albertson	Dick & Judy Horning	Don & Sis Pierce
Wes & Jennifer Alfonsi	Larry & Katherine Howell	Stan & Shawntae Podulka
John & Molly Anderson	Janet Huston	Karl & Karen Potapa
Mary Ellen Aria	Shawn & Wendy Huston	Glen & Laura Pruden
The Ash Family	Donna Hyek	Elizabeth Gauthier Rabaut
Gwen & Harry Ashbaugh	Jan & John Jackson	Frank & Sharron Radtke
Mark & Sandra Austin	The Jerome Family	Shawn & Tracy Richards
Tim & Chris Austin	John & Kimberly Jetts	Mike Rinke & Teresa Collins
Pat Bacheller	Ron Johnson & Joni Elward	Kevin & Rosann Roose
Nancy Baltzer & Mark McGrath	David Kator & Mary Ellen Charnley	Judy Ryan
Gregory & Cecilia Bator	Lawrence & Tamara Kebbe	Michael & Diane Saunders
Jerry & Sue Beattie	Alan & Marilynne Kiriluk	Dick & Carole Schmidt
Damanpreet & Nicole Bedi	The Kirkendall Family	Greg & June Schurig
Steve & Mary Booms	Charles Kirkpatrick	Sylvia Schuster
Richard & Marie Bracci	Ken & Pat Kish	Teresa Scott
Steve & Lea Brucher	Virgil & Ellen Klein	Jim & Linda Sezwick
Jane & Dave Chapoton	Shirley Kohler	Daniel & Beth Sherbert
Sharon S. Clayton	Robert & Barbara Kopf	Robert & Jill Speed
Tom & Carol Clippard	Vaughn & Stella Koshkarian	Pete & Susan Stephens
Ronald & Gerri Compton	Jim & Marilyn Lane	Robert & Michele Stevenson
Tom & Pam Conquest	The Leinweber/Rabaut Family	Scott & Catherine Stoddard
Wendy P. Cooper	Pauline Leszcynski	Frank & Nancy Stoneking
Daniel & Anne Danosky	The Lunden Family	Darrin & Lisa Thomas
Daniel & Kandy Dennis	Lori & Brian Mabree	Mary Lou Thornton
Michael & Darcy Dombrowski	Michael & Donna Maddin	The Tosch Family
Jim & Jean Dome	William & Ida Madsen	Pete & Diane Tsaprazis and Paul & Kelly Reinhart
Colin Gibbings & Frances Dumlao	Michael & Michelle Maher	The Vergilio Family
Bob & Krista Dunigan	Nicholaos & Janet Makris	Glen & Jan Vogelsang
Maurice & Susan Evans	Timothy & Elizabeth Manganello	Mike & Barb Vogt
Penni Faucher	Dominic & Martha Manzi	Dave & Diana Wagner
Russell & Sandra Ferrance	Steve & Charlotte Maranowski	Judd & Mary Ann Wellard
Ken & Lisa Finlay	Kenneth & Elizabeth Mauk	Rod & Ruth Wiley
Kevin & Nancy Fogle	Keith & Patti Mayes	Patti & Scott Williams
Neil & Cindy Galloway	Joseph & Emily McGraw	The Wilson Family
Tad Gerlinger	Chris & Kari McKenzie	James & Barbara Yarema
Sylvia Ghainer	Eugene Miller	Fred Zielke & Susan Smith
Jill & Joe Goodall	Martin & Anna Mlynarek	V. Zimmerman, A. Scheich & D. Urban
James & Cynthia Grove	Carol & Mike Moran	
Ray & Lisa Gunn	Jim & Marguerite Morpheys	

**A SPECIAL NOTE:** Every effort has been made to ensure the accuracy of the list above as of the time of publication. This list reflects the records kept by those who volunteer to serve on the Executive Board. We recognize someone may feel they were left out in error. If you think that is the case, please email us at [LewistonLakeLiving@gmail.com](mailto:LewistonLakeLiving@gmail.com).



>>> Please check your newsletter mailing label for your current membership status. <<<

## 2022 TLPOA MEMBERSHIP DUES AND DONATIONS

☐ New

☐ Renewal

Member Name(s) \_\_\_\_\_

Email Address(es) \_\_\_\_\_

Primary Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

Lake Address \_\_\_\_\_

Telephone (     ) \_\_\_\_\_ ☐ East Twin Lake ☐ West Twin Lake

### 2022 MEMBERSHIP DUES AND DONATIONS

	<i>Membership Dues or Suggested Contribution Amounts</i>	<i>My Lake Contribution</i>
<b>Membership Dues</b> Lake Stewardship provides additional funding for special projects to study and maintain a healthy lake ecology and benefit the lake community.	\$150 Lake Stewardship or \$35 Basic Family Membership	\$
<b>Aeration Suggested Contribution</b> Your contribution will allow the TLPOA to maintain the aeration system on East Twin Lake, including replacing parts as needed, and paying for electricity. Suggested contribution rates based on lake frontage owned are shown at right. We welcome all levels of contribution!	<b>Lakefront Owners</b> Less than 75 ft. of lake frontage      \$50 75 to 125 ft. of lake frontage      \$75 More than 125 ft. of lake frontage      \$100  <b>Shared Access</b> \$25	\$
<b>Eurasian Watermilfoil Treatment</b> Generous contributions from our membership along with grants from Montmorency County have allowed the TLPOA to respond quickly to control EWM and have covered the anticipated costs of surveying and treating infested areas.	<b>We are currently funded at a sufficient level to meet current needs and have suspended our requests for funding for 2022.</b> Thank you!	
<b>MY TOTAL LAKE CONTRIBUTION</b>		<b>\$</b>

**THANK YOU FOR YOUR GENEROUS SUPPORT! PLEASE MAIL TODAY!**

The TLPOA is a 501(c)(3) public charity and your contribution may be deductible if you itemize your deductions on your tax return. Consult your tax adviser for details.

**Please make your check payable to TLPOA and mail to  
P.O. Box 807, Lewiston, MI 49756**

***THE TLPOA STILL NEEDS YOUR HELP!***

Have some spare time on your hands or just looking to help out where you can? Our TLPOA Board of Directors could use some help in a number of areas including:

- Beach Party planning
- Lake level monitoring
- Membership drive and membership data base management
- Planning and coordinating social events
- Website and Facebook maintenance
- Monitoring Eurasian watermilfoil (EWM) status and looking out for new invasive species
- Editor for Quarterly Newsletter

You don't need to join the TLPOA Board, just help out wherever you can. Let us know by sending an email to

[LewistonLakeLiving@gmail.com](mailto:LewistonLakeLiving@gmail.com)

Your help would be greatly appreciated by the entire East and West Twin Lakes community!

***THANK YOU FOR YOUR CONTINUED SUPPORT OF THE  
TWIN LAKES PROPERTY OWNERS ASSOCIATION!***

Twin Lakes Property Owners Association  
P.O. Box 807  
Lewiston, MI 49756

**\*\*\*\*\* BE SURE TO CHECK THE TOP LINE ON YOUR MAILING LABEL. \*\*\*\*\***

***DO YOU YOU NEED TO RENEW YOUR TLPOA MEMBERSHIP?  
PLEASE HELP KEEP OUR LAKES HEALTHY!***