



# Eagle Lake Texas Association

2nd Quarter 2017

Eagle Lake Texas Association – Texas Township, Kalamazoo County, Michigan

Volume 5, Issue 2

## ANNUAL MEETING OF THE MEMBERS WEDNESDAY, MAY 17, 2017 — 7:00PM TEXAS TOWNSHIP HALL

### Special points of interest:

- Get all the information about our ELTA from the Website: [eaglelakekzoo.com](http://eaglelakekzoo.com)
- Get acquainted with our management firm, RLS at their Website: [restorativelakesciences.com](http://restorativelakesciences.com)
- Want to contact an ELTA Officer or any Director, see Page 20 for all information.
- 2017 Dues Reminder Notice. Renew and/or Join today. **250's The Goal**

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### President's Report

Hi neighbors! If you've been paying attention to this wonderfully crafted quarterly newsletter for the past many years this will come as no surprise to you – there is a lot of activity that goes on both in front of and behind the scenes to maintain the quality of Eagle Lake and our lake environment.

The board and committee members put forth a significant effort on a voluntary basis to work on the many projects that you see presented within. We are blessed to have great variety of expertise within our board and committees. These volunteers quite literally save our association thousands of dollars annually for legal fees, accounting, printing and publishing, lake monitoring, website editing, and distribution efforts for our public notices.

Some folks spend upwards of a hundred hours each year putting forth this great effort. Not me so much ... but many of your neighbors do just that! So bear with me this issue as I try to step on my high horse. It won't be easy because I'm not tall or very nimble, but some of you may not be aware of what I'm about to say.

Of one thing you are very well aware. We all contribute significantly every year with the taxes we pay that go toward our special lake assessment district. It is a substantial sum and we all pay it. The special assessment funds are limited specifically to cover lake quality costs. They are used to pay for lake treatments, engineering fees, augmentation well operation and maintenance, and township administration fees. The special assessment funds cannot be used for and do not pay anything toward the normal operations of the Eagle Lake Texas Association – or ELTA as we call it.

Your association has many financial obligations that are covered solely through the annual dues paid by you, our contributing members, along with our very generous advertisers who have listed their services in this mailing. On that note, I know the advertisers would greatly appreciate your business if you are in need of their services. When you do contact them, please thank them for helping support our lake.

The participation rate for our contributing members has been increasing over the past few years, so thank you very much. The annual membership dues for your association are \$35. Thirty-five bucks. That's just two Jacksons minus a Lincoln. C'mon, are you serious? That's it??? The dues cover the cost of this newsletter, liability insurance, required public notices and mailings, website and domain fees, and other things that escape my mind at the moment. For not much more than the cost of one night's pizza delivery you can cover the expense of your annual dues.

## President's Report Continued – Ted Ryder

### Board of Directors

Ted Ryder, President

Len Bosma, Vice President

Pat Comerford, Treasurer

Brett Cummings, Secretary

Krista Burkeen, Director

Jim Caporale, Director

Amy Coon, Director

Brian Graening, Director

Frank Loedeman, Director

So let's go! Some people spend dozens and dozens of hours working on our behalf. Can't you take 5 minutes, walk over and dig through that drawer for your checkbook, unbury an envelope, slap on the address and a stamp and send your dues to our PO Box? Or save a stamp and give a check to any one of your board members. If you've never paid your dues until this year I'll even give you a big hug – or not. I certainly don't want to be creepy or anything, but would very much like to recognize your taking the time and effort to help defray our many and increasing costs! Ok, enough of that.

Our annual meeting as you probably know by now is Wednesday, May 17<sup>th</sup>, starting at 7pm at the township hall. You know where it is. Please attend if possible and feel free to share a suggestion, compliment, or complaint (only one complaint per household). Come meet your neighbors, fellow association members, along with our engineering and maintenance representatives. Oh yeah ... in case you forgot to do it earlier, bring a \$35 dues check and save that stamp! Hope to see you there. If not, see you out on the lake.

**Spring has sprung!**

## Treasurer's Report – Pat Comerford

The financial reports below cover the 2016 fiscal year and will be read into the record at the annual meeting on May 17th. Find the 2017 year to date reports on the next page.

### Association's General Account

|                                  |                     |
|----------------------------------|---------------------|
| <b>Beginning Bal 1-1-2016</b>    | <b>\$ 13,340.91</b> |
| <b>Revenues</b>                  |                     |
| Directory/Newsletter             | \$ 2,400.00         |
| 2016 Donations                   | \$ 1,030.00         |
| 2016 Dues                        | \$ 7,945.00         |
| 2017/20 Dues                     | \$ 140.00           |
| Interest Income                  | \$ 16.19            |
| <b>Total Revenues</b>            | <b>\$ 24,872.10</b> |
| <b>Expenditures</b>              |                     |
| Administration                   | \$ 1,086.92         |
| Insurance Expense                | \$ 3,052.56         |
| Committee Project Expense        | \$ 7,356.31         |
| Legal Expense                    | \$ .00              |
| Printing & Publishing            | \$ 4,177.39         |
| Miscellaneous Expense            | \$ 800.00           |
| <b>Total Expenditure</b>         | <b>\$ 16,473.18</b> |
| <b>Ending Balance 12-31-2016</b> | <b>\$ 8,398.92</b>  |

### Eagle Lake Special Assessment District

|                                  |                     |
|----------------------------------|---------------------|
| <b>Beginning Bal 1-1-2016</b>    | <b>\$ 25,140.82</b> |
| <b>Interest</b>                  | <b>\$ 60.16</b>     |
| <b>Special Assessment</b>        | <b>\$ 86369.31</b>  |
| <b>Funds Available</b>           | <b>\$111,570.29</b> |
| <b>Expenditures</b>              |                     |
| Independent Audit                | \$ 297.00           |
| Engineering Fees                 | \$ 12,158.32        |
| Aquatic Plant Control            | \$ 71,082.22        |
| Well Operation/Repairs           | \$ 115.00           |
| Utilities                        | \$ 14,125.12        |
| Administrative Expenses          | \$ 823.00           |
| <b>Total Expenses</b>            | <b>\$ 98,600.66</b> |
| <b>Ending Balance 12-31-2016</b> | <b>\$ 12,969.63</b> |

Spring is here !

Reminder to remit your 2017 dues.

Let's make our Goal This year—it is set at 250 Memberships

Send Payment to:  
ELTA  
P O Box 283  
Oshtemo, MI 49077

## Treasurer's Report Continued – Pat Comerford



Included here is the 2017 year-to-date revenue and expense for our Association's Account. Below you will find the 2017 1st quarter reports for the Eagle Lake SAD #1, which covers the pump and weed control, and SAD #2, which covers the new aeration project.

Thank you for joining us and supporting us as we go forward. Don't forget to send in your dues payment, if you have not done so yet.

If you have questions, my new e-mail address is [pcomerford548@gmail.com](mailto:pcomerford548@gmail.com).

As you know, the SAD accounts are administered by the Township, but we will do our best to keep you informed of when the special assessment dollars are dispensed, in accordance with the approved budgets. Beginning dollar balances are always subject to confirmation by the auditors.

| <b>Association's General Account</b>       |                     |
|--|---------------------|
| <b>Beginning Balance 1-1-2017</b>          | <b>\$ 8,398.92</b>  |
| <b>Revenues</b>                            |                     |
| <b>2017 Donations</b>                      | <b>\$ 55.00</b>     |
| <b>2017 Dues</b>                           | <b>\$ 6,955.00</b>  |
| <b>2018/20 Dues</b>                        | <b>\$ 210.00</b>    |
| <b>Newsletter</b>                          | <b>\$ 1,650.00</b>  |
| <b>Interest Income</b>                     | <b>\$ 4.72</b>      |
| <b>Total Revenues</b>                      | <b>\$ 8,874.72</b>  |
| <b>Total Funds Available During Period</b> | <b>\$ 17,273.64</b> |
| <b>Expenditures</b>                        |                     |
| <b>Administration</b>                      | <b>\$ 277.21</b>    |
| <b>Committee Project Expense</b>           | <b>\$ .00</b>       |
| <b>Printing &amp; Publishing</b>           | <b>\$ 1,288.63</b>  |
| <b>Miscellaneous Expense</b>               | <b>\$ .00</b>       |
| <b>Total Expenditure</b>                   | <b>\$ 1,566.84</b>  |
| <b>Ending Balance 3-31-2017</b>            | <b>\$ 15,706.80</b> |

| Eagle Lake Special Assessment District<br>TT Account 830—SAD #1 | Budget<br>FY2017 | Actual<br>YTD |
|---|------------------|---------------|
| <b>Revenues</b>   |                  |               |
| Interest on Investment  | \$               | \$ .28        |
| Special Assessment  | \$ 82,300.00     | \$ 80,268.67  |
| Miscellaneous   | \$               | \$            |
| Total Revenues for the FY                                       | \$ 82,300.00     | \$ 80,268.95  |
| Beginning Balance 01/01/2017 (unaudited)                        | \$ 10,000.00     | \$ 10,942.18  |
| Total Revenues Available  | \$ 92,300.00     | \$ 91,211.13  |
| <b>Expenditures</b>   |                  |               |
| 2016 Correction Engineering Fees                                | \$               | \$ 3,266.66   |
| Independent Audit   | \$ 500.00        | \$            |
| Engineering Fees  | \$ 9,000.00      | \$ 3,750.00   |
| Plant Control & Water Quality                                   | \$ 40,000.00     | \$            |
| Well Repairs/Operation  | \$ 1,000.00      | \$            |
| Legal Fees  | \$               | \$            |
| Printing & Publishing   | \$               | \$            |
| Administrative Fee  | \$ 900.00        | \$            |
| Insurance & Bonds   | \$               | \$            |
| Utilities   | \$ 30,000.00     | \$ 76.36      |
| Transfer Out  | \$ 900.00        | \$            |
| Contingencies   | \$ 10,000.00     | \$            |
| Total Expenditures  | \$ 92,300.00     | \$ 7,093.02   |
| Total Revenues  | \$ 92,300.00     | \$ 91,211.13  |
| Total Expenditures  | \$ (92,300.00)   | \$ 7,093.02   |
| Net of Revenues & Expenditures                                  | \$               | \$ 84,118.11  |

| Eagle Lake Special Assessment District<br>TT Account 832—SAD #2 | Budget<br>FY2017 | Actual<br>YTD |
|---|------------------|---------------|
| <b>Revenues</b>   |                  |               |
| Loan from General Fund  | \$ 125,000.00    | \$            |
| Interest on Investment  | \$ -             | \$ 3.23       |
| Special Assessment  | \$ 104,028.00    | \$ 151,300.71 |
| Miscellaneous   | \$               | \$            |
| Total Revenues for the FY                                       | \$ 229,028.00    | \$ 151,303.94 |
| Beginning Balance 01/01/2017 (unaudited)                        | \$ -             | \$            |
| Total Revenues Available  | \$ 229,028.00    | \$ 151,303.94 |
| <b>Expenditures</b>   |                  |               |
| Independent Audit   | \$ 250.00        | \$            |
| Installation of Equipment                                       | \$ 19,320.00     | \$            |
| Bio-Augmentation  | \$ 50,450.00     | \$            |
| Testing   | \$ 4,000.00      | \$            |
| Legal Fees  | \$ 2,500.00      | \$ 840.00     |
| Administrative Fee  | \$ 1,025.00      | \$            |
| Utilities   | \$ 14,000.00     | \$            |
| Maintenance   | \$ 2,300.00      | \$            |
| Miscellaneous   | \$ 1,000.00      | \$ 500.00     |
| Equipment   | \$ 131,100.00    | \$            |
| Repay General Funds Principal                                   | \$ -             | \$            |
| Repay General Fund Interest                                     | \$ -             | \$            |
| Total Expenditures  | \$ 225,945.00    | \$ 1,340.00   |
| Total Revenues  | \$ 229,028.00    | \$ 151,303.94 |
| Total Expenditures  | \$ (225,945.00)  | \$ 1,340.00   |
| Net of Revenues & Expenditures                                  | \$ 3,083.00      | \$ 149,963.94 |

## 209 ARE IN — 250 IS THE GOAL!

Here is the second posting with the names of those who are now current with this year's dues. Send your check to Pat Comerford or Jim Caporale and add your name to the 2017 roster.

Five residents with multiple properties submitted memberships for each lot.  
Seven residents prepaid membership beyond 2017 (marked with \*\*)

At the beginning of this year, the Membership Committee was rolled into the Communications Committee. So far, the new alignment is working, but the committee could use some additional help. Please consider joining us, if you can spare a few hours a month to help us to achieve our goals for membership. We are already very close to making it this year, but we have been close before and ended coming up short. Our database is in pretty good shape, and we are staying on top of the folks moving in and out. We are averaging around 20-25 real estate transactions annually. So, if you think you can contribute to our significant goal for membership, we invite you to call anyone of us on the Committee—Krista, Ted or myself, or any Director. We still believe that the perfect solution would be to find not one person, but more like 5 people to join us. Someone from Treasure Island, one from North Eagle Lake Dr., one from East Eagle Lake Dr., one from Heritage Estates, and one from Eagle Heights or Terrace.

If you are interested in getting involved with us, call or just come to the meeting on Wednesday, May 17th, and let one of us know you want to do it.

### *"I CARE ABOUT MY LAKE"*

Accardi, Wayne  
Adrian, Scott & Christy  
Agnew, David & Stephanie  
Allen, William & Sandra  
Arugasian, Onur & Devrim Yaman  
Aulds, Elizabeth  
Avery, Michael & Kimberly  
Baas, John & Vicki  
Bailey, Joshua & Natalie  
Baker, Daniel & Elizabeth  
Baker, Lawrence & Marjorie  
Bartosiewicz, Gary & Phyllis  
Bauers, Jerry & Brenda  
Baxter, Robert & Vicki Hunter  
Bellware, Allen & Dianna  
Boettger, William & Wendy  
Borsos, Robert & Shirley  
Bosch, Steven & Michelle  
Bosma, Len & Gwen  
Bragagnini, Jennifer  
Brown, Diana  
Brussee, Thomas

Burkeen, Keith & Krista  
Bussema, William & Marlene  
Cagney, Richard  
Calderon, Jose & Amy  
Caporale, James & Debra Duncan  
Cavanaugh, James & Carla  
Channell, Dwayne & Carol  
Chittle, Craig & Lynn  
Clary, Douglas & Helen  
Cloney, Todd & Stephanie  
Comerford, Patrick & Faith  
Coon, Grady & Amy  
Corum, Nancie & David  
Cross, John & Vicki  
Cumming, George & Susan  
Cummings, Brett & Ashley  
Dagli, Rajesh & Nita  
Davidson, Scott & Melissa  
Devenport, Kraig & Jamie  
Devries-O'Brien, Cheryl  
DeYoung, Phillip & Betty  
Dickerman, Richard & Mary

Dixon, Jon & Susan  
Dorff, Jim & Dani  
Drenth, Herman & Virginia  
Egan, Tim & Cathleen  
Ekema, Ronald\*\*  
Elken, Stephen & Melissa  
Ellis, Stephen & Julianne  
Emmer, Kim & Jeffery  
Farthing, Edna  
Fate, Andrew & Tracy  
Ford, Laura  
Frantz, Stephen & Brenda  
Garfield, Jeanine  
Garling, Tom  
Gignac, Scott & Nicole  
Goodwill, Chad & Jennifer  
Gordon, Vicki & Tim Williams\*\*  
Graening, Brian  
Grainger, Robert & Karen, Lot #1  
Grainger, Robert & Karen, Lot #2  
Greer, John & Vlasta  
Griffith, Mark & Joyce

Gustafson, Jeffery & Claudia  
Hall, James

Hall, James & Pamela

Hall, Kim & Nancy

Hall, Paul & Tori, Lot #1

Hall, Paul & Tori, Lot #2

Halverson, Pat

Happel, Craig & Lindy

Harnishfeger, Brady & Kristi

Harpenau, Wayne & Julie

Harrison, Stanley & Yvette

Harthorn, Jessica & Stephen

Hayes, Mathew & Jessica

Hays, Randy & Kathleen

Heintzkill, Matt & Becky

Henderson, Alfred & Barbara

Hettinga, Michael

Heystek, Douglas & Margo

Hindman, Nathan & Darin

Hitson, Timothy & Melissa

Hogarth, Todd & Hilary

Hollenbeck, James

Holtgrieve, James & Janet

Houtman, David & Kathryn, Lot #1

Houtman, David & Kathryn, Lot #2

Hungerford, Norma

Irey, Larry & Patricia

Jamindar, Ravi & Nancy Desai

Kalani, Sanjay & Preeti

Karabin, Janice

Keesee, Timothy & Dianna

Keliipuleole, Tricia

Kern, Gordon & Beverly

Konzen, Dennis & Vickie

Labarr, Barry & Angela

Langeland, Norm & Bonnie

Lapekas, Robert & Alice

Lauria, John & Mindy

Loedeman, Frank & Michelle

Longjohn, Blaine & Darai

Lussier, David & Ellen

MacDonald, Blake & Ra

Mana, Sohil

Marc, Joseph & Tamara

Marriott, Jeremiah

Martin, Charles & Caroline

McGuire, Sandra, Lot #1

McIntyre, Scott & Sherrie

Mellis, Randy & Kim

Messamore, Keith & Misty

Meyer, John & Beth

Mills, David & Jackie

Moore, Carol\*\*

Moore, Patricia

Morren, Barbara \*\*

Moss, Karen

Moyle, Ralph & Marlene

Mullally, Brian & Anne

Munting, Thomas & Joann

Murow, Thomas & Janet

Mursch, Scott & Melanie

Nagel, Gordon

Newby-Smith, V.

Niewoonder, Mark & Vicky

Nobis, Ben & Stephanie, Lot #1

Nobis, Ben & Stephanie, Lot #2

Nulty, TG & Corin

Oakley, Donald & Carol

Okeley, Robert & Natalie

Ossewaarde, Steven & Susan

Ott, Steven & Jennifer

Otten, Norma & Michael

Papranec, Amy

Parmelee, Bruce & Danielle, Lot #1

Parmelee, Bruce & Danielle, Lot #2

Patel, Ashid & Anja

Pease, Kurtis & Judy Bouwense

Perigo, Cassandra

Pone, Arnis & Diana

Pulaski, Steven & Peggy

Ragains, Philip & Kathie

Ray, Steve & Mindy

Razenberg, Marian

Reed, Stephen & Cathy

Repp, Thomas & Nancy

Riggs, Jeffery & Simone

Ringler, James & Barbara

Rogers, Thomas & Marie

Root, Norman & Sharron

Rothi, Clare

Rudnick, Chuck & Daiva

Ruelas, Pete & Nancy

Ruswinckel, John & Betty

Ryder, Ted

Rzeczynski, Brian & Scott Hubacek

Schmidt, Steven & Susan

Schneider, Chris

Seabold, Derk & Jeanine

Shepard, Ronald & Peggy

Shugars, Daniel

Sluys, Joni & Kenneth

Smith, Alfred & Ruby

Smith, Todd & Katie

Sobeck, Steven & Susan

Sparling, Ronald & Stephanie\*\*

Speers, Thomas & Connie

Spettel, Thomas & Kathleen, Lot #1

Stambeck, Michael

Steen, Bruce & Mary

Stevenson, Paula & Patricia

Stoops, Marlene

Sylvester, Scot & Lisa

Tarantino, Robert & Leonora\*\*

Tarkowski, Christopher

Terrell, Pat & Elizabeth

Todd, William & Nancy

Tolentino, Pablito & Soyong

Tomac, Stephen

Toy, Kenneth & Amy Woznick

Tulloch, Sherry

Turner, Michael & Jo

Tylicki, Norbert & Mary

Uekert, Todd & Amy, Lot #1

Uekert, Todd & Amy, Lot #2

Utter, Gregory & Janice

Vale, Keith & Nicole

Vanliere, Tim & Jeannine

Vardigan, Thomas & Suzanne

Vernon, Mathew & Jennifer

Vuckovich, Daniel & Terry

Walker, Michael & Tammie\*\*

Wang, Yeidei

Watson, Jeremy & Tiffney

Watts, Gregory & Nicole

Weichlein, Frank

Westbrooks, Stephen & Laura

Westrate, Larry & Jan

Wittbrodt, Patrick & Deborah

Wolthuis, Jacqueline

Wolthuis, Rebecca

Wren, Marilyn

Yingling, Thomas & Michelle, Lot #1

Yingling, Thomas & Michelle, Lot #2

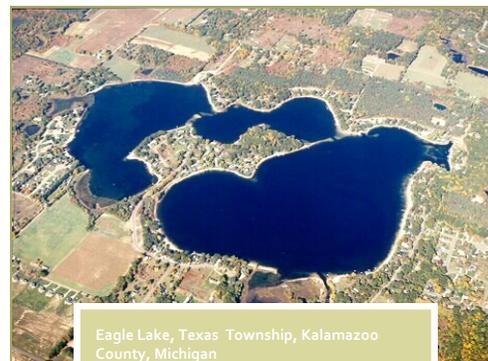
## Lake Quality Advisory Committee Report – Len Bosma

Committee: Len & Gwen Bosma, Amy Coon, Phil & Betty DeYoung, and Frank & Michelle Loedeman



### Spring Kick Off

The LQAC held its annual spring meeting on 7 March 2017. The following information and recommendations were provided to the ELTA board:



- Restorative Lake Science (RLS) advised that the spring survey will likely happen early/mid May – depending on weather. The LQAC will accompany RLS personnel as they do their survey
- Lily Pads are growing more visible/intrusive around many resident docks on the west and north shorelines of the West Basin. The LQAC recommended (and the ELTA board approved) soliciting RLS and PLM recommendations on possible treatment options.
- Purple Loosestrife remains a problem. The best option for remediation for this problem is continuing to purchase additional bugs that eat the plants as previously described in this newsletter. The LQAC recommended (and the ELTA board approved) a similar purchase of bugs from IWC (the MN wholesaler) that was done in 2016.
- Upon dissolution of the Aeration Committee, and once the aeration equipment is initially installed, the LQAC recommended (and the ELTA board approved) that the LQAC assume all aeration related responsibilities. The purchase of a Sludge Judge (a muck measuring device) to complement/augment the official RLS measures was also approved.
- The LQAC recommended that the Safety/Legal committee install signage at the public launch that describes the operation parameters and location of aeration equipment.
- Because of a growing goose problem, the LQAC recommended (and the ELTA board approved) sending personnel to be trained on removal and control of nuisance geese. Before any removal of the geese actually takes place, the Texas Township must issue a resolution. We will coordinate with the Texas Township board on the approval of such a resolution.
- LQAC Membership - Please contact any one of us if you wish to participate with the committee or have any concerns.

**AERATION COMMITTEE REPORT—KRISTA BURKEEN & AMY COON****AERATION UPDATE**

Things are rolling with aeration! We received our permit from the DEQ to continue with the project.

The township has signed the purchase agreement with PLM to purchase and install the equipment. They also selected Kerwin Electric for our electric aeration needs. Kerwin conducted site visits April 12 & 13 to our 16 compressor sites. A HUGE thank you to our Eagle Lake residents who are willing to provide a home for the compressor.

After we receive the revised bid and comments from Kerwin's site visit, we will review the results to ensure each property falls within our electric budget and will provide a good location for the compressor. After the township has received all the compressor sites, Kerwin can begin installing the electric. This will take approximately two weeks.

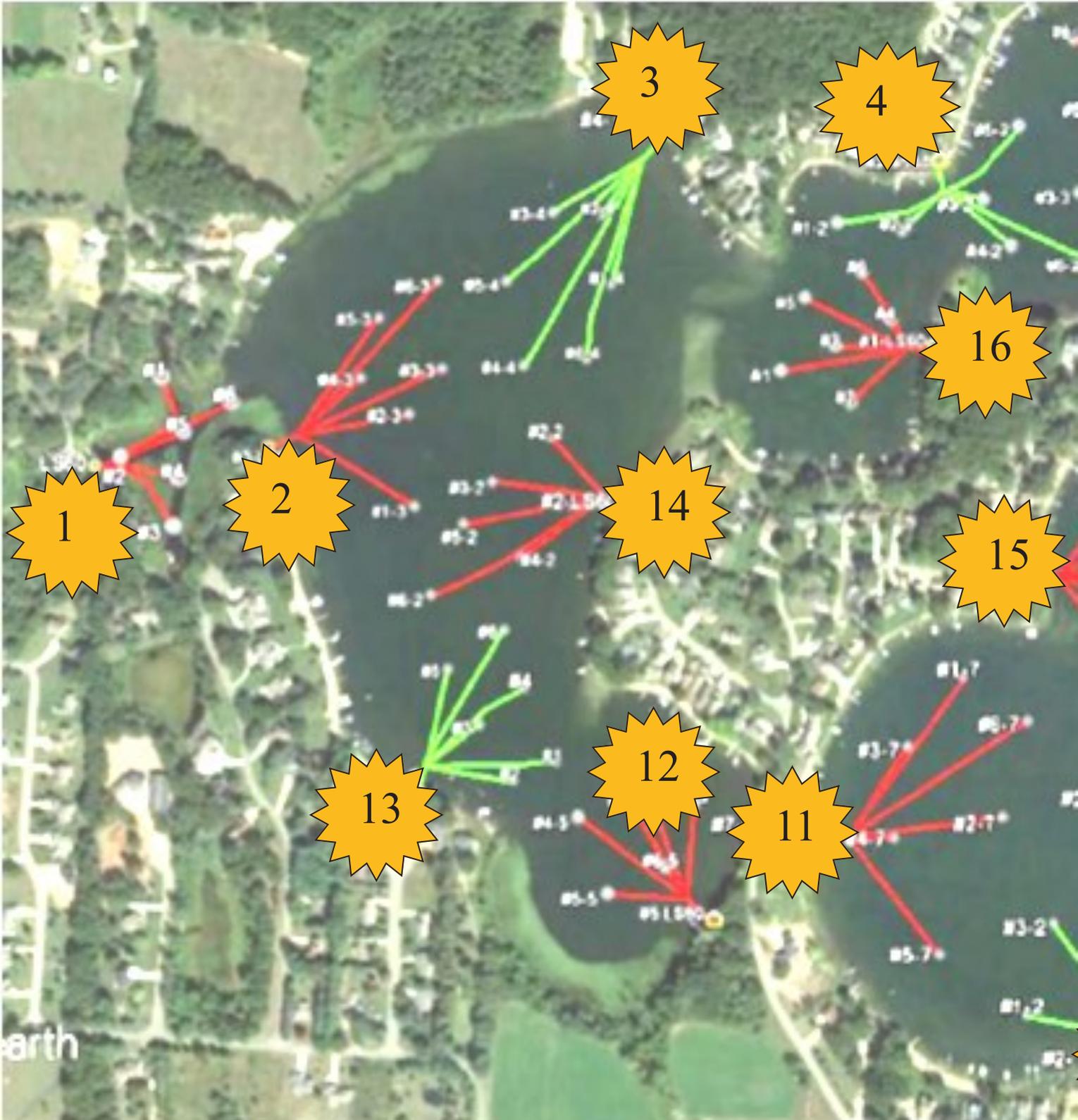
After the electric is installed, PLM will begin installation! PLM estimates the installation will take about a week. Restorative Lake Science (RLS) will need to come out to take a few samples for the DEQ before we turn the compressors on, as soon as this has finished, we can finally truly begin!

The biggest question you probably have is when will this happen? There are many components to the project so it has taken some time to coordinate all the moving pieces and township/DEQ requirements. We are hopeful that we will have the equipment installed and running by June 1.

See the map on the following page to see the location of the compressors and the air hose plan. Although there still may be a change or two after the final site visits to all locations are completed, we think the map is in pretty good shape and will be very close to the layout that we will end up with. Again, thanks to the volunteers.

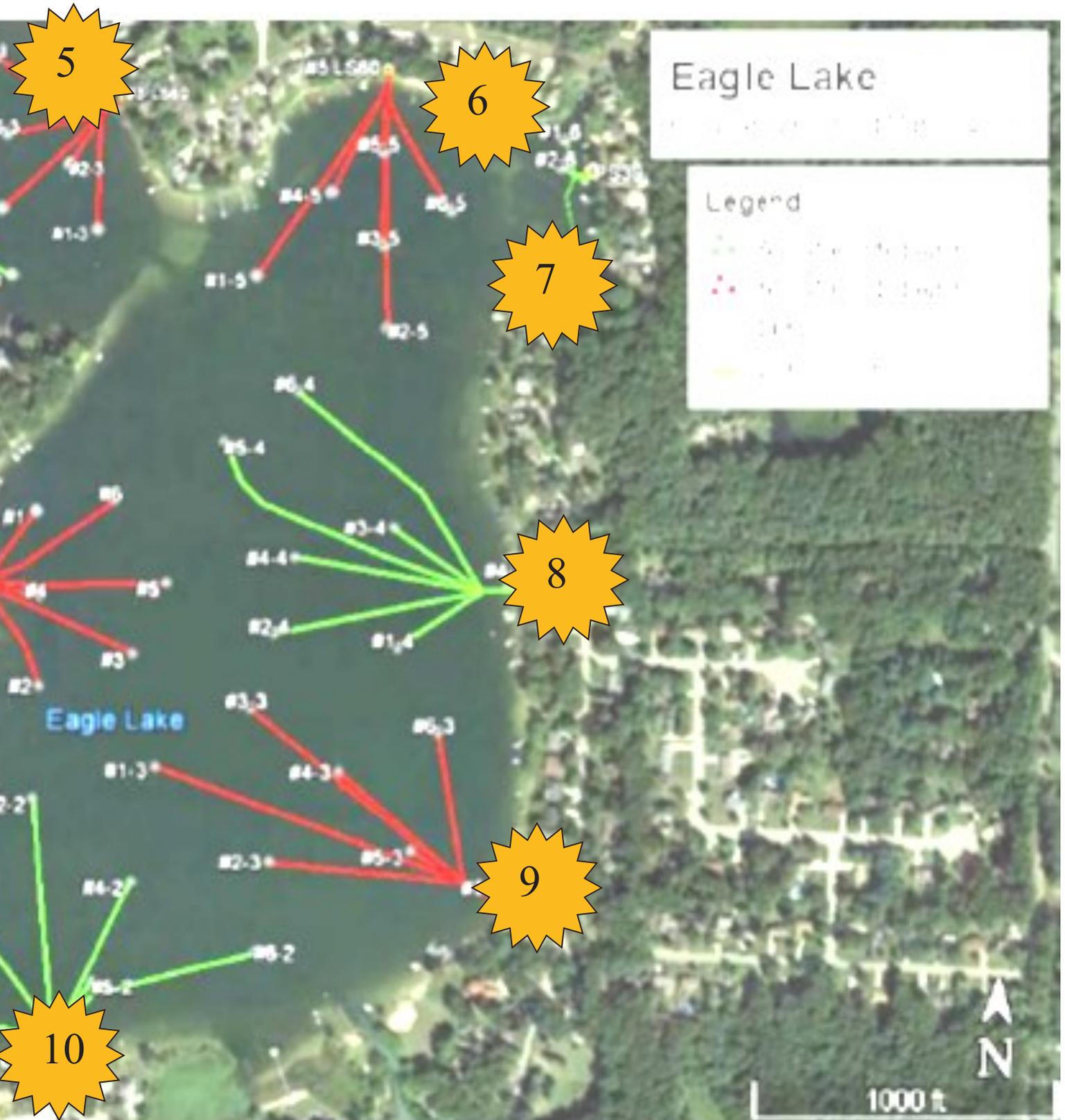
1. Len & Gwen Bosma
2. Norman Root
3. Jim Caporale & Debra Duncan
4. Ted Ryder

5. Keith & Krista Burkeen
6. James Hollenbeck
7. Ben & Stephanie Nobis
8. Jim & Janet Holtgreive



9. Clare & Ann Rothi  
10. Steve & Michelle Bosch  
11. Greg & Nikki Watts  
12. Jessica Hayes

13. Mike & Tammie Walker  
14. Scot & Lisa Sylvester  
15. Todd & Amy Uekert  
16. Cindy Hettinga



## Lake Quality Advisory Committee Special Report - RLS



Exactly three years ago, the Board encouraged you to get to know our new Engineering contractor, Ms Jennifer L. Jermalowicz-Jones, PhD Candidate. She is the owner and the lead scientist for Restorative Lake Sciences, LLC. Restorative Lake Sciences (RLS) is a community-based lake restoration and management firm located in Spring Lake, MI. More information about RLS is available on their website at [www.restorativelakesciences.com](http://www.restorativelakesciences.com)

But today we call her Dr. Jennifer. Her recently completed Doctorate was from the College of Ag and Natural Resources with emphasis on Water Resource Development at Michigan State University. The title of her dissertation was: **"Evaluation of Riparian Community Capitals and Their Relationship to Adaptive Management Outcomes"**.

Since we are embarking on the Aeration Project, using laminar flow aeration technology, the Board asked Dr. Jennifer to shed some light on the subject of evaluating the results. Below is her response to our request.

The Board has again invited her to be our special guest at the Annual Meeting of the Members on May 17, 2017. Mark your calendar now to keep the date open and come and hear Jennifer first hand.

### Scientific Methods to Evaluate Eagle Lake LFA System Impacts

**By: Jennifer L. Jermalowicz-Jones, PhD**

It is important to use standardized and consistent sampling methods for the evaluation of any scientific technology. The use of laminar flow aeration (LFA) technology in inland lakes along with beneficial bacteria (microbes) is being pursued for Eagle Lake to accomplish the following objectives:

- 1. Reduce the overall percent cover and biovolume of aquatic vegetation.**
- 2. Reduce the amount of soft muck on the lake bottom.**
- 3. Reduce nutrients in the lake that contribute to aquatic vegetation and algae over-growth.**

Accomplishment of these objectives would allow for less chemical herbicide use and thus a more holistic approach to lake management. Each lake exhibits different responses relative to these objectives and thus specific tests are conducted on a periodic basis to determine if a particular lake is moving towards these goals.

#### **Lake Physical Parameters:**

Physical water quality parameters consist of water temperature, dissolved oxygen, pH, conductivity, total dissolved solids, and water clarity. With the exception of water clarity, all

## Lake Quality Advisory Committee Special Report - RLS

of these parameters are measured with calibrated specialized probes that are connected to a digital interface and are reported in specific units. Water clarity is measured with a specialized Secchi disk, which is an 8-inch diameter black and white disk that is lowered into the water column and the depths at which it disappears and re-appears are recorded and averaged. Lakes tend to be consistent in the majority of the parameters, but water clarity may decline with algae and the dissolved oxygen can decline with warmth in deeper waters. Fortunately, Eagle Lake has overall shallow waters and so the dissolved oxygen is always ample. All of the above-mentioned parameters are measured to look for changes over time (either neutral, positive, or negative).

### Lake Chemical/Biological Parameters:

Chemical water quality parameters consist of total phosphorus, ortho-phosphorus, total suspended solids, chlorophyll-a, and aquatic vegetation and algal community composition. These parameters are measured throughout the water column via sample collection and sent to a QA/QC laboratory for analysis. The total phosphorus and ortho-phosphorus are measures of nutrients in the lake which serve as a food source for growing aquatic plants and algae. Chlorophyll-a is a direct measure of the algae pigment in the water column. Algal community composition refers to the proportion of green to blue-green to diatoms in the water column. Green algae and diatoms are more favorable than blue-green algae. Total suspended solids measures the amount of solids that may cause low water clarity in the lake. Aquatic vegetation is measured through whole-lake surveys where the relative abundance and species are measured through whole-lake surveys where the relative abundance and species are measured. This allows for us to determine the changes with time in various species of aquatic plants. Also, aquatic vegetation biovolume is also measured through a high-definition WAAS-enabled GPS and transducer. This presents the actual height of the vegetation in the water column and is useful for management activities and for measuring changes in plant cover.

### Lake Sediment Parameters:

Lake sediment parameters consist of lake bottom sediment hardness and muck depth. The bottom scan utilizes the same transducer and GPS unit as the biovolume scan and this produces a map that shows the relative hardness of the bottom sediments. This can distinguish between hard and soft sediments which can also allow us to see how aeration may reduce soft muck over time. The muck depth is measured with a metered muck rod that is pushed into the sediment where thickness is recorded and cross-referenced with the depth sounding measurements.

## 2017 MEMBERS ANNUAL MEETING NOTICE

### ANNUAL MEETING OF THE MEMBERS WEDNESDAY, MAY 17, 2017 TEXAS TOWNSHIP HALL 7:00 PM

The Annual Meeting of the Members for the purpose of electing Directors and conducting other business that may come before the Meeting.

NOTE: In accordance with our Bylaws, If you are unable to attend the meeting in person, you may authorize someone to represent you, a Proxy, to vote for you on all matters that come before the meeting. An authorized Proxy form is included with this Newsletter.

#### PRELIMINARY MEETING AGENDA

|   |                          |
|---|--------------------------|
| Opening Welcome   | President Ted Ryder      |
| Minutes from last Annual Meeting                                | Secretary Brett Cummings |
| Treasurer's Report  | Treasurer Pat Comerford  |
| Nominations for Directors-3 Year Term                           | Self Nomination          |
| Election of Directors   | Judge of Elections       |
| President's Report  | President Ted Ryder      |
| Introduction of Special Guests                                  | President Ted Ryder      |
| "Lake Management Plan Update" - Jennifer Jermalowicz-Jones, PhD |                          |
| Old Business  | Members                  |
| New Business - Election Results                                 | President Ted Ryder      |
| Announcements / Q & A   | President Ted Ryder      |
| Invitation to Serve on Committees                               | Committee Chairs         |
| Adjournment   |                          |

**2017 MEMBERS PROXY INSTRUCTIONS**

**ATTENTION – MEMBERS OF ELTA**

In accordance with our Bylaws, if you are unable to attend the meeting in person, you may authorize someone to represent you, a **Proxy**, to vote for you on all matters that come before the meeting.

The only limitations or restrictions are that your 2017 Dues must be paid and that you use the authorized form to identify your Proxy to represent you.

Simply fill in the name of your Proxy on line provided, then print your name and the correct property address associated with your ELTA membership, and sign and date it.

When your person holding your Proxy presents it to the Registration Committee at the meeting, and it is confirmed your dues are paid, your Proxy will be authorized to vote for you on all matters. Use the official form below.

**EAGLE LAKE TEXAS ASSOCIATION PROXY FORM**

The undersigned appoints \_\_\_\_\_, Proxy,  
 (Print Name of Person to Represent You)

to represent them and to vote for them in all matters that come before the Annual Meeting of the Members of ELTA. By your signature, you attest that you are the owner or the authorized representative of the property which is identified below, and that your 2017 Eagle Lake Texas Association Dues are paid.

\_\_\_\_\_  
 Name (Print)

\_\_\_\_\_  
 Property Address

\_\_\_\_\_  
 Signature

\_\_\_\_\_  
 Date

**MEET THE CANDIDATES WHO HAVE SELF-NOMINATED**

**Len Bosma**—I would like your support to be re-elected as director of the Eagle Lakes Texas Association (ELTA). I am currently serving as vice-president on the ELTA board. In addition to being on the board, I serve as chair person for the Lake Quality Advisory Committee. My goal is to preserve and enhance Eagle Lake for all residents by taking into account the concerns of all stakeholders. Thank you for your

consideration.

I am married to Gwendolyn Rykse Bosma; we have 4 children and 7 grandchildren. Gwen and I bought our home on Eagle Lake in 2006. As background, I retired as a Captain from the U.S. Coast Guard after 30 years of service. In my Coast Guard career, I was a maintenance officer and instructor pilot in both rotary and fixed wing aircraft. After the Coast Guard, I spent 10 years at the Logistics Management Institute in Washington DC. My education includes: BA from Calvin College, MA from Central Michigan University; and MS from Purdue University.



**Jim Caporale**—I have been serving on the ELTA board for the past four years. I am willing to serve another 3 year term, and if elected, will do my best to promote the mission of our lake association.

I have been the Communications Committee Chairman and assisted with the financials of ELTA and the SAD; assisted with membership; development of our new By-laws; and other miscellaneous activities.

My biggest satisfaction comes from the fact that the Newsletter has kept everyone in the community aware of all facets of the steps taken to maintain and improve the quality of Eagle Lake. The Committee has enhanced communications to the members with timely updates, a revamped website and an exciting Facebook page.

I live at 1454 N. Eagle Lake Dr. with Debra Duncan, and we both are committed to the future of the lake and to strengthen all surrounding property values. My education is a BS in Management from St Joseph-Calumet College and a MBA from Loyola University-Chicago. I ask for your consideration in re-electing me to Board of Directors for ELTA.

**MEET THE CANDIDATES WHO HAVE SELF-NOMINATED**

**Phil DeYoung**—My wife, Betty, and I purchased our home on Eagle Lake in the fall of 2000. We lived at the lake during the summer months until we both retired in 2006 with a combined seventy years in education from our careers teaching in the Mattawan Schools and moved to the lake full time. Our twins (son and daughter) are now grown and have given us three grandchildren to spoil as much as we can. We hope the little ones grow up and learn to enjoy the lake as much as we do.

For the last four years, Betty and I have served on the Lake Quality Advisory Committee, through which I have also been involved in the "ride-a-longs" for weed control mapping and treatment. I have been a part of the releasing of the purple loosestrife bugs to help control the spread of this invasive plant in the lake environment. I have served on the Aeration Advisory Committee since its inception, and look forward to the fruition of our work with the installation of the system this spring. Most recently, I have been involved with obtaining information from the USDA and the State of Michigan Department of Natural Resources concerning the process for the removal of nuisance geese from the lake, and presenting that information to the Lake Board in preparation for securing the required permits. I would like to serve the lake community as a member of the board to continue helping improve the quality of the lake for all of us.

**This could still be you.**

That's right. You can still self nominate yourself for a Directorship right up to the time of the election at the annual meeting of the members on May 17th at 7:00pm at the Texas Township Office. Think about it. It's a great opportunity to tend to the Lake we all love.

If you still don't want to rush into the full blown leadership role, then think about joining one of the committees and taking an active part in one facet of the organization—Lake Quality, Lake Safety or Lake Communications.

**ELTA MISSION—Protect & Improve the Environment of Eagle Lake**

## Communications Committee Report — Jim Caporale

Committee: Krista Burkeen  
[Kristaburkeen89@gmail.com](mailto:Kristaburkeen89@gmail.com)

Ted Ryder  
[Tstryder@att.net](mailto:Tstryder@att.net)

Jim Caporale  
[James.Caporale@gmail.com](mailto:James.Caporale@gmail.com)



### Communication Keys for the 2nd Quarter:

- ◆ **Aeration**—See the update this issue; you can also follow the Aeration Project on our website. We are getting closer and closer to implementation and start-up. Also, don't pass up reading the article from our expert, Dr. Jennifer, on how we will measure the changes in water conditions, which you will find on page 10-11. You can always e-mail Krista at [kristaburkeen89@gmail.com](mailto:kristaburkeen89@gmail.com) with questions.
- ◆ **Self-Nominations**—Well, so far we have three people who have self-nominated for the three open Director positions that will be voted upon at the May meeting. But, there is still time for you to self nominate yourself, right up to time just before the election. So continue thinking about whether or not you are ready to get a little more active in your lake association; and don't hesitate to take action if the answer is I'm ready. If you are not quite ready for a Directorship, but want to do something to strengthen the association, then be aware that the three standing committees, Lake Quality, Lake Safety, and Lake Communications can always use fresh ideas to help with their respective goals.
- ◆ **Annual Meeting**—This issue of the Newsletter contains the official notification of the Annual Meeting of the Members, which this year will occur on Wednesday, May 17th, at 7:00pm, at the Texas Township 2nd floor conference room. Also, remember that you have the option, if you know you will be unable to attend the meeting, to identify a proxy who can vote for you on all matters that come up at the meeting. The form is included in this Newsletter.
- ◆ **Water Safety**—Yes, it's that time of year again. We are ready to put the boats and other toys in, and we will see an increase in lake traffic at the access. We are printing the rules of the water as defined by the state of Michigan. Let's be diligent about water safety this season and heed the directives of the DNR regarding boats and personal water craft. See all the key rules and regulations on pages 18-19.
- ◆ **4th of July Boat Parade**—The next issue of the Newsletter will be in July, but not before the big holiday on the 4th and our **Eagle Lake's 37th Annual Boat Parade**. We are quite sure that Marlene Stoops will once again be in the lead boat and will get things going at 2:00pm. Let's get the boats decorated and make this parade the biggest ever.

Get the latest ELTA news on our Website —[www.eaglelakekzoo.com](http://www.eaglelakekzoo.com)

**Communications Committee Special Report – Krista Burkeen**



**Are YOU and your family looking to enjoy THE LAKE this summer?** Then join us for the following events...

E-mail Krista at [KristaBurkeen89@gmail.com](mailto:KristaBurkeen89@gmail.com) to make reservations or if you have any questions

**FOURTH OF JULY BOAT PARADE**

Get your boats decorated and join the parade! The parade starts at 2 pm in the small cove between the two lakes. Just make your way over all decorated around 1-1:30 and be ready to go. The lead boat will get things going. You can also just join on the end as the parade passes by your home. Rumor has it there will be free hot dogs out there somewhere along the parade route.

**COUPLES GOLF OUTING**

**Friday, July 21st and August 11th  
Thornapple Creek Golf Course 5:30pm appetizers 6pm Shotgun start**

\$70 per couple (pay at course) Includes appetizers, golf and dinner  
If you would like to golf please email Krista Burkeen at [kristaburkeen89@gmail.com](mailto:kristaburkeen89@gmail.com)

**4th Annual Cardboard Regatta**

This event will be in early August

*Date and Details about the event will be coming soon. Keep a look on the Eagle Lake Facebook page and website.*

**9TH ANNUAL EAGLE LAKE TALENT SHOW!**

This event is open to all family friendly acts! We had some great adult performances in the past and we would love to see more this year. To sign up your child(ren) or yourself email Krista at [kristaburkeen89@gmail.com](mailto:kristaburkeen89@gmail.com)

**Friday, August 25th At the Burkeen's 1230 N. Eagle lake Dr**

**WE HOPE TO SEE YOU AT THE SHOW!**

**FAMILY MOVIE NIGHT**

Saturday—September, 16th Lake 2 Pull up and anchor Movie will start at dusk

**EAGLE LAKE SKI TEAM**

If you or your child are interested in joining the ski team here are a few details:

**Practice:** Usually twice a week. Practice is held at Debra's house 1454 N. Eagle Lake Drive **Cost:** \$50 for one skier / \$45 per skier for multiple skiers PLUS every skier must register with the USA Water Ski Association for safety purposes.

To Join or for more information please contact Debra Duncan at [debraduncan56@gmail.com](mailto:debraduncan56@gmail.com)

## Safety Committee Report – Brian Graening



The DNR and ELTA will be placing important signage in the boards for boaters and lake users. And that's a good lead-in for this quarter's report.

With summer fast approaching, boat traffic and safety concerns will increase dramatically. We all need to have more awareness for safety so here are some quick reminders so we can have a safe and enjoyable summer on the water.

### MICHIGAN BOATING

Open water boat operations should be counter-clockwise at all times on the lake to help avoid congestion and accidents. According to the Coast Guard, 70% of all boating accidents are caused by operator error and 80% of fatalities could have been prevented with proper use of life jackets.

Don't drink and boat. Similar rules now apply to intoxicated boating as it does for intoxicated driving and they are being enforced on Eagle Lake.

All boats must have enough life jackets for every passenger.

**The recommended order of right of way on the water is:**

- 1st. Swimmers**
- 2nd. Sailboats**
- 3rd. Non-powered boats**
- 4th. Power boats towing skiers, tubers, etc.**
- 5th. Power boats**

Every vessel towing a person(s) on water skis, tubing, a wakeboard or other similar device **MUST** have a person, in addition to the vessel operator, observing the towed person(s) at all times. Also known as a spotter.

No boat, jet ski or riders shall come closer than 100 feet to any anchored boat, dock, raft or beach area.

## Safety Committee Report – Brian Graening

### OTHER MICHIGAN BOATING LAWS TO KNOW!

#### **Who May Operate a Boat** (from the Michigan DNR website). **Those less than 12 years of age:**

May operate a boat powered by a motor of no more than 6 horsepower (hp) legally without restrictions.

May operate a boat powered by a motor of more than 6 hp but no more than 35 hp legally only if they:

Have been issued a boating safety certificate and have it on board the boat and...

Are directly supervised on board by a person at least 16 years of age.

May not operate a boat powered by a motor of more than 35 hp legally under any conditions.

**Those born on or after July 1, 1996**, may operate a boat legally only if they have been issued a boating safety certificate and have it on board the boat.

**Those born before July 1, 1996**, may operate a boat legally without restrictions.

#### **Who May Operate a Personal Watercraft (PWC)**

**Those less than 14 years of age** may not legally operate a PWC.

**Those 14 and 15 years of age** may operate a PWC legally only if they have obtained a boating safety certificate and...

He or she is accompanied on board by his or her parent or legal guardian or by a person at least 21 years of age who has been designated by the parent or legal guardian or...

He or she is operating or riding the PWC at a distance of not more than 100 feet from his or her parent or legal guardian or from a person at least 21 years of age who has been designated by the parent or legal guardian.

**Those at least 16 years of age and born after December 31, 1978**, may operate a PWC legally only if they have obtained a boating safety certificate.

**Those born on or before December 31, 1978**, may operate a PWC legally without restrictions.

**LET'S HAVE A SAFE AND ENJOYABLE SUMMER!**



Krista Burkeen 1230 N. Eagle Lake Drive [kristaburkeen89@gmail.com](mailto:kristaburkeen89@gmail.com)  
 Director 3 Year Term 269-808-3608 Aeration Committee  
 Communications Committee



Amy Coon 1442 N. Eagle Lake Drive [amylcoon@yahoo.com](mailto:amylcoon@yahoo.com)  
 Director 3 Year Term 269-303-5566 Aeration Committee  
 Lake Quality Advisory Committee



Frank Loedeman 510 E. Eagle Lake Drive [michelle.loedeman@wmu.edu](mailto:michelle.loedeman@wmu.edu)  
 Director 3 Year Term 269-353-9545 Lake Quality Advisory Committee



Brett Cummings 988 Treasure Island Drive [bcummings@willislawyers.com](mailto:bcummings@willislawyers.com)  
 Director 2 Year Term 269-942-1040 Safety Committee  
**Secretary 2016-17**



Brian Graening 8246 Heritage Drive [bgraening@gmail.com](mailto:bgraening@gmail.com)  
 Director 2 Year Term 269-762-2601 (C)  
 260-488-4801 (O) Safety Committee



Ted Ryder 1330 N. Eagle Lake Drive [tsryder@att.net](mailto:tsryder@att.net)  
 Director 2 Year Term 269-217-7139 Executive Committee  
 Communications Committee  
**President 2016-17**



Len Bosma 7060 Eagle Heights Drive [lfbosma@gmail.com](mailto:lfbosma@gmail.com)  
 Director 1 Year Term 703-862-3759 (C) Lake Quality Advisory Committee  
**Vice-President 2016-17**



Jim Caporale 1454 N. Eagle Lake Drive [James.Caporale@gmail.com](mailto:James.Caporale@gmail.com)  
 Director 1 Year Term 269-870-7733 (H)  
 219-730-7577 (C) Communications Committee



Pat Comerford 548 E. Eagle Lake Drive [pcomerford548@gmail.com](mailto:pcomerford548@gmail.com)  
 Director 1 Year Term 269-303-9016 Finance Committee  
**Treasurer 2016-17**



## 2017 MEMBERSHIP DUES REMINDER NOTICE

### Eagle Lake Texas Association – Texas Township, Kalamazoo County, Michigan

For the past few years, we have fallen just short of our goal to reach a membership level of 250. So the Board has again set the target at that level for 2017. Having reached 243 last year, we know we are ever so close to reaching that goal, so we are encouraging everyone who has not yet joined, to get on board, and to do so as quickly as possible.

Always keep in mind that, in accordance with our By-Laws, membership in the association is restricted to property owners in the Eagle Lake Special Assessment District (SAD #1 & SAD #2), and each membership is directly tied to a land parcel. Each membership is directly tied to one parcel, and there is only one vote per property membership; but owners of multiple parcels are encouraged to get membership rights for each one. A very low annual fee of \$35.00 remains the current membership rate. And with that, two adults in the household can take an active role in the association committees and participate at the annual meeting of members.

Also, keep in mind that ELTA maintains its fiscal records on a calendar year basis, which means your dues are now payable and will satisfy your financial obligation for the year 2017.

So if you don't see your name on the 2017 roster, use the form below and fire off a check to Pat Comerford.

**Let's work together to foster an effective Eagle Lake Texas Association.**

**Eagle Lake Texas  
Association – Texas Township,  
Kalamazoo County, Michigan**

### ELTA 2017 MEMBERSHIP DUES

NAME (S): \_\_\_\_\_

MAILING ADDRESS: \_\_\_\_\_

CITY, STATE, ZIP: \_\_\_\_\_

PROPERTY ADDRESS: \_\_\_\_\_  
(If different than mailing)

Primary E-Mail : \_\_\_\_\_

Second E-Mail: \_\_\_\_\_

Telephone: \_\_\_\_\_

**Make Check of \$35.00 payable to Eagle Lake Texas Association**

**MAIL CHECK TO ELTA, C/O PAT COMERFORD, P.O. BOX 283, OSHTEMO, MI 49077**

## PATRONIZE AND SUPPORT OUT SPONSORS

Sponsor-Lawn Doctor

Sponsor-Maple Hill

Sponsor-Residential Plumbing

Sponsor-Ron Ekema Team

## PATRONIZE AND SUPPORT OUT SPONSORS

Sponsor—Dr Coon

Sponsor— Mosquito Shield

Sponsor-Langeland

Sponsor-Lake Pacor

**Eagle Lake Texas Association**  
**P. O. Box 283**  
**Oshtemo, MI 49077**

**Eagle Lake Texas Association**  
**— Texas Township,**  
**Kalamazoo County, Michigan**



**Protect and Improve**  
**The Environment of Eagle Lake**

*Everyone in the Eagle Lake  
Community should attend the  
Annual Meeting  
On May 17th 2017*

*The next edition of the  
Newsletter will be published in  
July 2017*

### **Eagle Lake Texas Association — Our Purpose**

- ... Explore opportunities to improve, maintain and protect Eagle Lake.
- ... Encourage communication, cooperation and understanding between all law-abiding users of the lake.
- ... Provide community awareness through safety programs.
- ... Control and prevent water pollution and to otherwise improve the condition of the lake for recreational and aesthetic purposes.
- ... Raise the level of awareness of the public about environmentally significant activities affecting the lake.

**We are on the WEB : [eaglelakekzoo.com](http://eaglelakekzoo.com)  
[www.facebook.com/EagleLakeAssociation](http://www.facebook.com/EagleLakeAssociation)**