



Lake Leelanau

LAKE ASSOCIATION

Summer 2015

News & Views from the Watershed

The Summer Wind, Came Blowin' In

Lake Association Adds “Internships”

The Lake Leelanau Lake Association is happy to establish – for the first time – two paid internships for local students of Freshwater Studies and related disciplines; and to introduce our two new interns. Watershed Technician Intern, John Lutchko and Communications Specialist Intern, Jason Safronoff. John will assist our Water Quality Consultant, Wayne Swallow, with surveying, monitoring, and other water-quality related activities. Jason will assist our Communications Chair, Larry Hauser, with database maintenance, web work, newsletter production, and such like.

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Dam Runs Dry: Page 10 Story



PRESIDENT'S LETTER

This is will be a short letter. I want to devote most of the space allowed to invite lakefront property owners and those who use or live near the lake, who love Lake Leelanau and want to preserve this jewel of Leelanau County, to attend the annual meeting of the Lake Leelanau Lake Association.

Come meet other friends of the Lake

Lake Leelanau Lake Association Annual Meeting

July 22, 2015

Leland Lodge

6:30 -8:00



Hors d'oeuvres provided
Cash Bar

*Invite neighbors/family or anyone that enjoys Lake Leelanau
(Association Member or not)*

In closing, I want to thank Dave Hunter, Treasurer, and Larry Hauser, Communication Committee Chair, for their service. David has kept the “books” and filed the documents to keep us legal for many years. Larry will relinquish his daily duties of maintaining our mailing list and publishing our newsletter. Larry will stay on a while longer to train his replacement. David will leave the Board at the end of June. Thank you for not only doing the tasks but also for the knowledge and wisdom you brought.

George Prewitt

Whether you are a member or not, we believe you are interested in the benefits this high quality lake offers, both for personal enjoyment and associated property/business values. Maintaining or improving that quality is the goal of the Lake Leelanau Lake Association. To that end we are soliciting your comments, suggestions and critiques of our ongoing program efforts. Please send your comments by mail or blog them on our web site at www.lakeleelanau.org. Please feel free to e-mail or call any of the Board members listed on page 2.

We hear your suggestions and discuss each of them at our Board meetings. If a significant number of suggestions with a common theme emerge, we will use these to orient future efforts.

Thanks much for your input.

BOARD OF DIRECTORS

OFFICERS

George Prewitt, President
231-499-4470 | geoprewittjr@charter.net
Nick Fleezanis, Vice President
313-418-8248 | drnick9744@yahoo.com
Dave Hunter, Treasurer
231/256-9575 | ddhunter@att.net
Cindy Kacin, Secretary
231- 256-8873 | cakacin@charter.net
Rick Thompson, Past President
231-668-7984 | richard_thompson@charter.net

TOWNSHIP REPRESENTATIVES

John Popa, Bingham
231-947-1088 | jjpopa@charter.net
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231-256-9130 | gerryRL1@yahoo.com
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231-421-1676 | laker8450@yahoo.com
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231-271-5691 | hwborden@gmail.com
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231-256-9294 | Cedarhavencot@Hotmail.com
Gene Wishowski, Solon
231-941-2302 | lkleelanautc@triton.net
HELP WANTED, Suttons Bay
to apply e-mail info@lakeleelanau.org

COMMITTEE CHAIRS

Pete Taylor, Fish
231-590-3309 | taylorpete997@gmail.com
Larry Hauser, Communication
231-271-6091 | lshauser@aol.com
Ray Malcoun, Water Safety
(770) 622-0918 | laker8450@yahoo.com
Barb Kobberstad, Membership
(231) 256-8802 | musicmom3@juno.com
Hugh Farber, Water Quality
231-946-8680 | hughnbtty@gmail.com

Image Contributors: Cathy Fisher, Nick Fleezanis, Larry Hauser, Leelanau County, John Lutchko, McGough's, Jason Safranoff, Pete Taylor, University of Michigan, Anne Vermeulen Janine Winkler

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**11th Annual
KIDS FISHING DAY
Sunday, June 28
2015 Veronica
Valley County Park**

Get on Board



Join us!

Help Wanted

email: leelanaukassn@aol.com | phone: 271-6091

Township Representative Suttons Bay: Township Representatives are the Association's eyes & ears, and sometimes voices, in the several townships in the Lake Leelanau watershed. It is important that riparian concerns be considered, and riparian interests be represented, in these townships' deliberations.



Introducing Myself

LLLA Communications Specialist,
Jason Safranoff

I would like to share some about my professional experience and life. I write plenty of computer code, though I do not normally spend all my time in front of the computer; I am also an outdoors-man. I like to think of myself as a steward of the land and to help serve and sustain the use of our water. I have experience sampling macroinvertebrates for Central Michigan University Biological Station at Beaver Island for a study on the impact of native *Cladophora glomerata* algae (stinky sticky gooey stuff that washes up onto many Michigan shores) on macroinvertebrate behavior. I have also participated at the Maritime Heritage Alliance and enjoy volunteering for events. I have been a member of the Freshwater Society at NMC and volunteer to help the group with macroinvertebrate identification.

Over the past year and a half I have been studying through the NMC Freshwater Studies program. The program offers many lectures from individuals who lead various environmental organizations in the area. I also found the Watershed Science class, which had great hands on experience nearly every week, very enriching. I am finished with the Associate's Degree and I am currently looking into the Western Michigan Freshwater Science program or the NMC Maritime Technology program – either should be very exciting to continue!

Out near water is where I love to be, and catching some fish. I also tie flies to catch panfish and trout. You might find me throwing & catching a returning boomerang out at one of the parks; or hiking a trail. When I am not outside I like to read and solve technical problems on computers, especially for the purpose of helping others with agricultural/horticultural projects.

Join/Renew



Membership Report

Barb Kobberstad



I find it fascinating learning about the membership of the Lake Association through your renewals! Our membership includes many locals who have lived here their whole life and others who have decided that this is the perfect retirement location. We have people who summer here from all over Michigan; from Ohio (especially Cincinnati); Illinois (lots from Chicago); and Indiana. Then there are the folks who travel great distances to spend time on our lovely lake. They are from Pennsylvania, Massachusetts, Maryland, North Carolina, Florida, Iowa, Texas, Oklahoma, Arizona, and California. If I missed some of your winter homes, I apologize. Isn't it wonderful that of all the places they could spend their time, they choose to spend it here on our lovely Lake Leelanau? Thank you for your support. Feel free to contact me, any time at musicmom4@juno.com

Membership Reminders

- Your membership renewal date is the same month each year.
- PLEASE fill out the info on the envelope, especially if there are changes.
- Members who choose Kayaker or above are invited to the Legacy event, this year on Saturday, August 29 at the Old Art Building in Leland
- Invite your neighbors to become members
- Come to the Annual Meeting on Wednesday, July 22 at the Leland Lodge.
- Get involved!!

Leelanau County
HOUSEHOLD HAZARDOUS WASTE & ELECTRONICS COLLECTIONS
NOW ACCEPTING A MAXIMUM OF 10 - ONE GALLON CONTAINERS OF LATEX PAINT



Do you have leftover oil paint, fuel, pesticides, batteries, motor oils or unwanted medicines in your home? Improper storage and disposal of these materials can result in health and environmental risks. Instead of storing household hazardous materials and risking improper disposal, take these materials to a collection for proper disposal.

To participate, you must make an appointment.

Contact : Leelanau County Planning

at (231) 256-9812, toll free (866) 256-9711 ext. 812 to sign up.

For more information on HHW or other solid waste programs, visit www.leelanau.cc/solidwaste.asp

2015 Collections
5/30 - Maple City, Road Commission Garage
7/18 - Leelanau County Government Center
8/29 - Peshawbestown
10/3 - Elmwood Twp., Cherry Bend Park off Avondale Lane

Costs for these collections are covered under P.A. 69 of 2005—a charge placed on Winter Tax Bills. These collections are for HOUSEHOLDS ONLY.

Communication Communique

Larry Hauser



Yes, it's true, what President George Prewitt says; after seven years as Communication Chair, I am looking to step down; and asking someone among you to step up.

So, HELP WANTED!

Communication Chair: chair the Communication Committee and serve on the Board of Directors. The Communication Committee oversees the production and publication of the newsletter, the administration of the webpage; coordinates with Membership in maintaining the database; and assists in putting on events, such as the Legacy Celebration. To volunteer or inquire e-mail us at: info@lakeleelanau.org.

To help with database maintenance, website administration, and the newsletter; to ease my way out, as with Wayne, and to ease my replacement's way in, at my urging, the Board has instituted a Communication Specialist Internship. Upon my recommendation, they have approved Jason Safronoff to fill that position.

Jason's impressive credentials and experience in both Freshwater Studies and Information Technology make him an ideal fit for Communication Specialist. His database expertise, especially, should prove invaluable in streamlining operations so as to make our database easier to use and maintain: easier to update, easier to draw on for other communication-related tasks, more heritable & division-of-labor friendly.

Did you know you can Join the Lake Association, or Renew your membership online, using PayPal? Just visit our website – that's www.lakeleelanau.org – and click on the join/renew tab.

Go to our website to learn more about what's up with Lake Leelanau and the Association. We especially welcome your Comments. It's a blog! You don't have to be a Lake Association Member, or register, or anything, to just to view the site or even to Comment.

Leelanau Conservation District Office Moves

Leelanau Conservation District Director, Buzz Long

The Leelanau Conservation District is moving to the Leelanau County Government Center effective Monday, June 22, 2015. The Leelanau Conservation District office will be located in the lower level of the Government Center to the right of the Community Meeting Room. The new address is:

Leelanau Conservation District
8527 E. Government Center Dr., Mail Box 205
Suttons Bay, MI 49682

The Phone and Fax numbers will remain the same:
Phone: 231-256-9783 or 231-256-9669
Fax: 231-256-7851

Please stop in and visit the new facilities, where the Directors and Staff hope to provide improved service to all our customers...See you there.

Membership Honor Roll

Annual Dues: Basic \$45 | Kayaker \$100 | Runabout \$250 | Cruiser \$500

Basic

Albright, William & Patricia
 Alflen, Robert & Janet
 Allan, Richard & Bobbie
 Austin, Donald & Loraine
 Baillie, Forest & Shirley
 Bannasch, William & Sandy
 Barnes, Peter @ Old Cottage Assn.
 Beard, James & Harriet
 Bellizi, David & Karen Chase
 Bickel, Mark & Jacqui
 Bingham, Kipp & Ellen
 Bischoff, Thomas & Gwen
 Blanck, Thelma & Katie Woods
 Bosch, Robert & Diana
 Buckhout, John
 Bunchek, Lawrence
 Burger, Dean
 Burnham, Keith & Joanne
 Burnheimer, Mark & Gretchen Issette
 Burr, Peter S. & Alice
 Cassidy, Thomas & Karen
 Chandler, Joan
 Chase, Karen & David Bellizi
 Chatfield, Malcolm & Christine: Main St. Gallery
 Cherup, Joseph C.
 Ciavattone, Deborah
 Clark, Harold & Janet
 Collins, Elma
 Cooper, Karl & Tracy
 Cordes, Ralph & Esther
 Cousino, Jerome & Sally
 Craig, Michael & Susan
 Curchin, Alexander & Cynthia
 Dalton, Jane
 DeLong, Dean & Doris
 Dockter, William & Nancy
 Doorlag, Darlene
 Downs, Michael & Sue
 Doyle, William & Jennifer
 Duemler, Paul
 Eckerle, Shirley & Elma Collins
 Eddings, Pat
 Elder, John
 Elifritz, Nancy
 Erway, Ron & Kathleen
 Farkas, Alex & Lorrie
 Fellows, Neal & Deb
 Fisher, Jim & Elizabeth
 Fitzgerald, Margery & Melinda
 Flaska, Greg & Dorothy
 Fleis, Lawrence & Jaqueline
 Fox, David & Alice
 Ganley, James & Kathryn
 Gatch, Lewis & Noralee
 Gerard, Glen & Jean

Membership Totals

Basic: 166
 Kayaker: 126
 Runabout: 27
 Cruiser: 9

Girbach, Lloyd & Kay
 Gregory, George & Esther
 Griffith, Tom & Liz
 Hackenberger, James & Lynne
 Hands, James & Audrey
 Hardie, W. Logan & Sherwood
 Hartings, Michael & Nancy
 Hilton, Page & Ruth Ann
 Hinsch, Warren & Suzanne
 Hirt, Rudy & Mary Jo
 Hoge Camp/o Louisa Ridgeway
 Hopcian, Thomas & Patricia
 Hunt, Alice
 Jahode, John
 Johnston, Charles & Donna
 Kareck, James & Joan
 Kelsch, John & Janelle
 Kiessel, Don & Janet
 Kirby, Richard & David
 Kitzul, Evelyn
 Knighton, Thomas & Joan
 LaCross, Judith & Glenn
 LaForest, Ronald & Amy
 Laskey, Gerry & Ginny
 Lavrack, Merle & Marcia
 Lawicki, William & Nancy
 Leelanau Conservancy
 LeRoux, Alfred & Linda
 Lesniewicz, Terry & Jeanne
 Leugers, Paul & Ruth
 Leupp, Skip & Liz
 Lichty, Douglas & Therese
 Liley, Tom & Nancy
 Lindo, Marcie & Steve
 Linton, Merrill
 Loftus, Family LLC
 Lutchko, John
 Mahar, Thomas
 Maly, Frank & Kathleen
 Manzor, Albert & Odette
 Maring, Susan
 Martin, Glenn & Dale
 Martin, Harold & Irene
 Mason, Douglas & Rebecca
 McConnell, Jr., Elizabeth & Craig
 McFellin, John & Becky
 McKee, Marilyn
 McNamara, Scott & Laurie
 Medina, Linda & Manuel
 Meyer, Jim & Paula
 Mikowski, Charles & Cheryl
 Miller, Betty & Jerry
 Miller, Larry & Lauren
 Morrow, Andrew & Kathleen
 Munoz, Jim & Carol
 Myers, Scott & Paula
 Noling, L J & Jamie E May

Oberson, Randy & Lori
 Olenzak, Robert & Susan
 Orr, Bonnie & Heidi Kruse
 Patton, Richard & Bette
 Payne, Donald & Peggy
 Plamondon, Guy & Anneke Wegman
 Podges, Christopher & Barbara Cunningham
 Pool, Robert & Jacqueline
 Porritt, John & Nancy
 Porter, Edward
 Renwick, William & Margaret
 Risbridger, Gary & Anita
 Ristine, James D. & Mardi Black
 Rossman, Richard & Patricia
 Ryan, Todd & Tammy
 Sajkowski, Anthony & Sherry
 Samples, Sally & Teddy
 Sayles, Sharon
 Schaffer, John & Karen
 Schaller, Wendell & Ruth
 Schaub, Edward & Kama Ross
 Schaub, Tim & Lucy
 Schermer, Kenneth & Jane
 Schmidt, Terry & Jan
 Schneider, Michael & Mary
 Schweikert, Marsha
 Scott, Jerry & Elizabeth
 Sebaly, Jon & Diana
 Shera, Frank & Ellen
 Sichler, Edward & Marilyn
 Sifferlin, Dan & Margaret
 Simmons, Norma & W.M. Schmidt
 Slater, William
 Smith, Mark & Marjory
 Sprout, David & Gretchen
 St. Clair, Larry & Beverly
 Stephanic, Betsy & Don
 Stewart, James & G. J.
 Stow, Robert
 Stretlien, Thomas & Lois
 Studer, Ann
 Timberlee: Michael Peron
 Wall, Michael & Liz
 Walter, Galen & Julia
 Wetters, Carol
 Whaleback Inn
 Wheeler, Kartherine Gil
 Wheldon, Jr., Gilbert
 Wilcox, Robert
 Wilcox, Timothy & Barbara
 Williams, Nancy
 Wilson, Don & Marilyn
 Wintzinger, Constance & John
 Zondervan, Robert & Denise

Join us!

www.lakeleelanau.org



Legacy Members

Kayaker

Abbott, Barbara & Larry Hauser
 Abbott, Becky
 Abbott, Porter & Anita
 Anderson, Gary & Judy
 Andress, Frank & Janet
 Appel, Daniel
 Baker, Martha
 Ball, Robert & Jeanine
 Barbee, George & Molly
 Baty, Donald & Anne
 Bauer, Peter & Antoinette
 Beers, Royce & Margie
 Beights, Stephen & Nancy
 Birrell, Jr., Edward & Joan
 Bogus, Janet
 Borden, Tony & Cathy
 Buckingham, Scott & Michele
 Burns, John & Catherine
 Carr, Robert & Lydia Arnold
 Clodfelter, Paul & Nancy
 Collins, Edward & Bobbie
 Coppins, Donald & Laurie
 Coulter, Dorothy Jean
 Denmler, William & Jeanne
 Dickson, Anna & Thomas
 Draper, Hayward & Kathy
 Encherman, Bill & Martha
 Engerer, Vincent & Barbara
 Eubanks, Edward & Norma
 Farber, Hugh & Betty
 Fisher, Cathy
 Fleezanis, Nick & Elaine
 Flick, Russell & Layne
 Foster, Rob & Valarie Miner
 Frick, Bud & Cherryll
 Garwood, Billy & Mary Lou
 Gauthier, Ruth & John
 Golden, Eleanor
 Groene, Gary & Peg
 Haag, Charles & Ginny
 Hammond, Carl & Mary
 Handloser, John & Jane
 Hanpeter, Edward & Joan
 HARLEYS INC, Tim & Janet Ryan
 Henry, John
 Hill Jr., Frederick & Judy
 Holcomb, Gale & Jennifer Reid
 Horness, Mark & Sarah
 Howard, Richard & Laura
 Johnston, Walter & Marilyn
 Kaufman, Charles & Karen
 Kaye, Paul & Johanna
 Kepler, Charles & Alisann
 Kobberstad, Jim & Barb
 Koeze, Ruth
 Krause Barbara
 LaFave, Judy & Jamie
 Lambert, Lucy
 Larsen, Erik & Monica
 LeGray, William & Carol
 Leugers, Joseph & Kimberly
 Leugers, Tom & Diane
 Leugers, William & Lynda
 Levin, Sheldon & Judy

Lipp, Elmer & Anne Leugers
 MacKenzie, Rob & Maria Battle
 Malcoun, Ray & Penny
 Martin, William & Karen
 Martineau, Steve & Deb
 Maximovich, Jane & Alex
 McKenna, Charles & Dorene
 McKisson, Mary
 McNamee, Jim & Marilyn
 Meeker, George & Cindy
 Michelmore, David & Christina
 Mileham, Richard & Lynne
 Mogle, Jim & Nancy
 Moon, Jeff & Josselyn
 Moose, Preston & Colleen
 Motlow, Lyn
 Passarelli, Charles & Yvonne
 Pavelka, Thomas & Lynda
 Pfennig, Thomas & Christine
 Phillips, Margaret
 Piche, Robert & Nancy
 Popa, John & Gayle
 Prewitt, George & Judy
 Prugh, Clayton & Eleanor
 Reeves, David & Sally
 Reeves, Fred & Nancy
 Reid, Jennifer
 Rink, Bernard: Boskydel Vineyard
 Risbridger, Robert & Bonny
 Rollings, Mary Beth & Al
 Rothermel, Mike & Laura
 Schlabach, Judy & Karl
 Schoeneberger, Thomas & Suzanne
 Sehert, Paul & Cathy
 Shoaff, John & Julie Donnell
 Shoaff, Thomas & Eunice
 Shugart, Marie
 Shugart, Scott & Dena
 Sikes, Page
 Stander Marine, Andrew Stander & Terri Gibson
 Stankowski, Gary & Susie
 Stanton, Terry & Donna
 Stogsdill, Don & Tricia
 Strietmann, George & Linda
 Sweeney, Dan & Nancy
 Taylor, Pete & Mary
 The Fish Hook
 Treter, John & Leslie
 Vermeulen, Robert
 Weaver, Alice
 Webb, Larry & Marcia
 Weidenaar, Bernard & Janice
 White, Daniel & Marguerite
 Williams, Brian & Linda Fisher-Williams
 Woods, Randy & Joan
 Wooton, Roger & Linda
 Wunderlich, Wayne & Dorothy
 Wysor, Jim & Kit
 Yearn, Charles & Barbara
 Zimmer, Gordon & Sharon
 Zink, George & Kathleen
 Zink, John & Mary

Runabout

Battaglia, Thomas & Elizabeth
 Bogley, Gil & Anne
 Elder, Joan
 Finke III, Harry J.
 Fitzpatrick, John & E.J.
 Gallini, Marc & Linda
 Gottschalk, Jack & Nancy
 Greeno, Paula
 Grogan Faller, Susan
 Hacker, Charles & Kandi
 Hinkle, Robert & Margaret
 Hunter, David & Nancy
 Kacin, James & Cynthia
 Kedzierski, Michael & Mary
 Kersch, David & Patricia
 Kirby, Alan & Susan
 Lamb, Susan
 Larkin, Harry & Joann
 McNamara, John & Nancy
 Miller, Jim & Pattie
 Olson, Bruce & Kimberly
 Paine, Laura
 Palmer, Jerry & Rita
 Petersen, Audrey
 Swallow, Wayne & Pat
 Tostige, Steve & Sonya
 Wolcott Turner, Katharine

Cruiser

Croom, James & Patricia
 Grogan, James & Mary Jo
 Howard, David & Beth
 Kurnick, Robert & Susan
 Lippert, Richard & Kathy
 Meese, Richard & Sally
 Thompson, Richard & Sera
 Vilter, Barbara
 Wilson, Barbara

*If your check was in the mail when we went to press, thanks! If we have you wrongly classified, or messed up by failing to list you as we should have, please accept our humble apologies and let us know so we can correct our database and accord you the credit you deserve.
 Thanks, again!!*

Lake Association Gets Consumers Energy Grant

Consumers Energy gave the Lake Association a \$275 grant. The corporation recognizes and appreciates the volunteer time that many citizens put forth to help improve the community. They salute the volunteer commitment and is a gift from the heart of Consumers Energy. Thank you Consumers Energy.

from the desk of Water Quality Consultant Wayne Swallow

Michigan Swimmers Itch Partnership

Nick Fleezanis

The Frankfort Four

LLLA President
 George Prewitt,
 Vice President
 Nick Fleezanis
 WQ Consultant
 Wayne Swallow
 LLLA founder
 Wayne Wunderlich



Four members of the Lake Leelanau Lake Association attended a meeting in Frankfort Michigan dealing with Swimmer Itch. The purpose of the meeting was to bring together members of as many lake associations as possible to gather momentum towards solving the ever-persistent problem of Swimmer Itch.

Representatives from Higgins Lake, Crystal Lake, Glen Lake, Lake Leelanau, the Michigan Department of Natural Resources, Michigan Department of Environmental Quality, the United States Department of Agricultural and several universities were present. The role of state and federal agencies was discussed and avenues to cooperate with universities and other non-profit agencies was presented and reviewed.

The basic thrust of the meeting was to create a Michigan Swimmers Itch Partnership (MSIP) for the purpose of generating both political and social energy to seek solutions to Swimmer Itch (SI). George Prewitt, Nick Fleezanis, Wayne Wunderlich and Wayne Swallow (shown right) were present from the Lake Leelanau Lake Association (LLLA). The LLLA has done significant work and research over the years towards solving the problem of SI that has both economic and public health impacts.

The proposed Michigan Swimmers Itch Partnership looks to stimulate political awareness in order to generate funding for research towards a Swimmers Itch solution. It is hoped that this powerful union of lake associations and other public and private organizations will be the catalyst to finally eradicate Swimmers Itch from our beloved lakes.

The Lake Association will make every effort to keep you informed of the progress of this effort to eradicate Swimmers Itch.

Swimmers Itch Reporting

We reported that we were hoping to find or develop cell phone app for folks to report swimmers itch cases. We were not able to find an individual to develop the app. Therefore, continue to report swimmers itch as in the past at the following link on our home page: <http://lakeleelanau.org/>. It is important that individuals report swimmers itch cases. The information will be helpful in developing a business plan for the swimmers itch repellent, and for communicating with Federal and State Agencies about control methods for the common merganser.



SI Lotion – Final Summer of Testing

Our fall (2014) and spring (2015) newsletters carried articles about the progress on development of a swimmers itch repellent (SI Lotion). Recall that one test showed SI Lotion to be 90% effective in repelling the swimmers itch parasite. Last year's volunteers also suggested adding a sunscreen to the lotion, which has been done. I hope to verify the results of the 2014 trial, with the sunscreen now included as part of the formula.

This is where you come in, with two ways you can help. First, I still need a few volunteers to test the lotion. If you get swimmers itch and are willing to sign a liability waiver, let me know at sisolutionsllc228@gmail.com. Second and **more** important is to provide data for a business plan, which will be needed to commercialize the product in 2016. I am collecting the information through an on-line survey, which should take only 2-4 minutes to complete at: <http://swimmersitch.questionpro.com>.

If you want to follow progress on this summer's testing and progress toward commercialization, simply complete the survey. Anecdotal information is helpful, but financial information is critical to secure funding. Individuals (families), rental cottage owners or other businesses, and real estate brokers are encouraged to participate. If you (or your family) had a case severe enough to require a doctor or ER visit report your experience. I'd like to hear about it. If you were a visitor to Lake Leelanau (or other lake), and will not return because of a bad case of swimmers itch your information would be helpful. If you own, rental cabins or a small motel, and lost business because of swimmers itch, tell me about your experience. Realtors are asked to provide possible impact that swimmers itch may have had on their business. Your responses will be strictly confidential and data will be reported only in the aggregate. If you have questions at any time, you may contact Wayne Swallow by email at sisolutionsllc228@gmail.com. Thank you in advance for your participation!

John gives you ample opportunity to join the volunteer ranks. He's a great young man to get to know, and you'll learn more about the lake you love. If you're not yet a member of LLLA and love this lake, join up and join the fun. You'll never regret it!

Welcome Our New Watershed Technician Aboard

This spring it became increasingly clear that developing my swimmers itch repellent will not allow time for most of the projects that I've been involved with for LLLA. So, with Board approval we hired a college student for the summer/fall season. His name is John Lutchko. John will pick up many of my duties, plus some additional projects that will allow us to start to understand some of the changes occurring in Lake Leelanau.

Look for John's bio and project descriptions elsewhere in this newsletter. And, do not miss his short piece "For Love of the Lake". If you love Lake Leelanau, as John does, I challenge LLLA members to get involved as a volunteer. LLLA's mission statement can be summed up in one word; "Stewardship". Simply put it means that you should "take care of your lake".



Water Quality Report

Hugh Farber, Committee Chair

“Near shoreline weeds are good?!”

Native near shore weed growth, e.g., bull rushes, and some under water plants may be annoying at times, but they serve a very useful function as cover for beneficial critters like fish and provide their foodstuffs. However, significant increases in these plants and others can indicate a potential issue with nutrient loading, from septic tanks releases, over fertilization, etc. Therefore it behooves riparian property owners to be aware of any observable changes, consider the probable cause, and take corrective action.

The LLLA has hired a student from NMC, John Lutchko, to work with our aquatic biologist, Wayne Swallow, and our volunteers on water sampling and other water quality issues related to swimmers itch and potential invasive species. A study of cladophora incidence/growth, a green filmy growth found on shoreline rock, etc is tentatively planned for early fall or late summer. Again, nutrient increases can trigger increases in this filmy material.

We continue to coordinate water sampling with the Leelanau Conservancy. We are also continuing to develop "back up" volunteers to ensure continuing data collection which is important to detect trends in water quality at an early stage when corrective action may be possible."



Watershed Technician Report

John Lutchko

I was born in Lansing, but grew up in Traverse City. I have spent every summer at my family's cottage on South Lake Leelanau, which led to my interest in water-related science. I graduated from

Northwestern Michigan College in December 2013 with an Associate's Degree in Freshwater Science and Technology. I am currently pursuing another Associate's Degree from NMC in Marine Engineering Technology, as well as a Bachelor's Degree in Freshwater Science and Sustainability from Western Michigan University.

I am looking forward to working on the many projects in store this summer but I need your help! I am asking for volunteers to help me facilitate the projects as well learn and become more connected with this lake that we all love so much. Here are a few volunteer opportunities.

I will be conducting beam trawls in both lakes throughout the summer to collect, count, and estimate zebra mussel populations. We know that they're there, but how many? We know that zebra mussel populations are declining in the Great Lakes; but, unfortunately, the zebras are being replaced by their larger and more voracious cousins, the quagga mussels. This is another important reason for these trawls and collections. We want to know whether or not the quaggas have infiltrated the lake. I am also working to develop an artificial substrate to place in the water at various locations around the lake to investigate whether mussel populations colonize particular locations or material preferentially over others. Volunteer times for this project are not yet decided but will likely be ongoing throughout the summer.

The LLLA is teaming up with Western Michigan University for their Freshwater Ecology course that will be conducting field-work on 7 Mondays in July and August. We are currently looking for 1 pontoon boat in the South Lake, and 2 in the North for one or two of the Mondays. Times are yet to be determined but if you have a boat and are willing to work with us please let me know! Dr. Steve Kohler has agreed to use the Lake Leelanau watershed as a study site for his class. Dr. Kohler will conduct this class annually, and Lake Leelanau, its tributary streams, along with a couple other lakes and streams will be used as field laboratories.

I am also looking for some volunteers to conduct exotic plant identification at boat launches. This is planned for late-August. Training is planned beforehand and this is an excellent opportunity to not only learn about and be able to identify the exotic plants in the lake, but also native plants as well.

Volunteers are also needed for snail collections. I plan to conduct this study in conjunction with a study by Oakland University related to swimmer's itch. Understanding what snails are present and where they are located might go a long way in forwarding the understanding of the relationship between them and occurrences of swimmer's itch. This will be in shallow water close to shore so if you have some waders and some time this summer, let me know!

I plan to collect both phytoplankton and zooplankton samples in both the North and South lakes on numerous occasions throughout the summer. The CLMP program does not currently ask for this data but I feel that this type of analysis is extremely important to developing a more complete understanding of the present makeup of the food web of the lake.

There is the potential for more volunteer opportunities this summer and if you are interested in any I have mentioned or just want me to keep you in mind when other projects arise, please email me. I encourage everyone young and old to consider these opportunities. Volunteering is an excellent way to not only connect directly with the lake, but also to have some fun!

Please don't hesitate to email me with any questions, concerns, or ideas you may have about other potential projects on the lake. I am looking forward to working with you! jlutchko@nmc.edu

Growing “Green” Lawns by the Lakeside

thanks to McGough's



During the busy spring season, the lawn question our employees at McGough's are most often asked is “What fertilizer do I need?” It would seem to be an easy question,

but in fact, the answer is far from simple. There are many factors to consider, such as the size and condition of your lawn, irrigation capability, recurrent problems like crabgrass, broadleaf weeds, or grubs, and special circumstances such as feeding turf grasses on the lakeside.

Fertilizing near water sources like rivers and lakes can be intimidating for conscientious homeowners; keeping the lawn green and healthy while still protecting the nearby water quality and aquatic life therein can be confusing with all the products on the market. With the passage of the Michigan Fertilizer Law (effective 2012),

(continued p.8)

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fertilizers intended for established lawn application are required to be phosphorus-free, which makes the choices a *little* easier on lakeside property owners. Phosphorus is now restricted in turf fertilizers primarily to protect our lakes and rivers from run-off – excess amounts can lead to increased growth of algae and aquatic plants, which can negatively impact many aspects of water quality.

However, there are times when careful application of phosphorus is necessary to establish or reinvigorate turf – and it is a wise investment to perform a test to determine if your soil has adequate levels. In fact, unless you are planting new grass seed, using natural fertilizer (such as composted manures) or have a soil test that proves a deficiency, phosphorus application is a violation of the law. An accurate soil test can guide you in determining which fertilizer to use and when. When you use our testing service, the samples are laboratory-tested and one of our staff will interpret the results for you, as well as provide suggestions of what products will best fit your unique conditions, your schedule, and your budget.

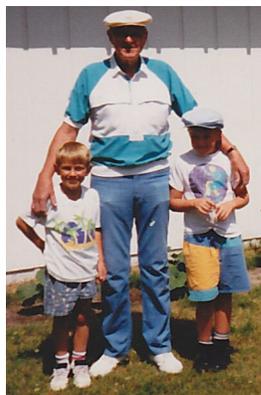
If your soil is lacking any essential nutrients, including phosphorus, there are application practices that will reduce the risk of excess run-off into nearby lakes. First, know how much area you are fertilizing. It may sound silly, but if you don't know your square footage, we don't know much fertilizer you need. Pace it off and have a rough estimate – 5,000 or 20,000 square feet makes a lot of difference when selecting fertilizer! Secondly, control the water. Do not wait for an impending thunderstorm to feed the lawn - your fertilizer will be washed right off the surface (and likely right down to the lake!). Unless you are very skilled at predicting a light, gentle rain that lasts just long enough to rinse the fertilizer granules from the leaves to the surface of the soil, use your irrigation or a sprinkler to get it activated.

A brief refresher: all bags of fertilizer have three numbers listed, an analysis, which represent three elements essential for plant growth – nitrogen, phosphorus, and potassium, or N-P-K.

These nutrients are always in this order on the label. If you wandered into our store, you would see turf fertilizers with all kinds of analyses, but most of them labeled for lawn will have a zero representing phosphorus (ex., 30-0-6, 25-0-12).

There are some exceptions, which include natural or organic fertilizers with low phosphorus levels (ex., 5-2-0, 4-3-2) and starters for new seed or sod (ex., 14-25-10, 3-6-3). There are also different types of fertilizer for different points in the growing season. Not only does the analysis differ, but the percentages of coated, slow-release nutrients, the source of these nutrients and the addition of valuable trace elements varies among products.

Fertilizing in an environmentally, time, and budget-conscious manner doesn't have to be daunting, and with a little preparation, you can do it successfully. Whether you've been maintaining a lawn for years or are seeding your first, we highly recommend a soil test. Knowing your square footage, your time and budget restrictions, as well as your goals (are you going for golf course quality or just green enough for the kids to run on?) are points to check. We can certainly help you with the question, "What fertilizer do I need?", but be prepared for some questions from us!



For Love of the Lake

John Lutchko

I find it quite exciting to be working on Lake Leelanau, the very body of water that created my deep-rooted interest and love for water and led to me pursue an education in freshwater science. I have spent every summer of my life on Lake Leelanau and the love I have for her is unsurpassed by any other place on Earth. I remember as a boy my grandfather telling me to not forget that the lake was not only

for fun, but also served an important role on a much larger scale. He explained to me that many plants and animals relied on the lake for survival and their health was a direct result of the health of the lake itself. From that point on, I viewed the lake through different eyes; those with compassion and an awareness of the perpetual healthy existence of Lake Leelanau.

I recall one day in particular I found my grandfather noticeably frustrated. He told me that he had walked up and down our road trying to convince our neighbors to become members of the Lake Leelanau Lake Association. He was turned down by nearly everyone on the beach and he could not understand why even the people that should care the most did not. Realizing his young grandson was aware of his frustration, he quickly changed his tone and explained to me that although others did not want to help, it did not mean that we should ever give up. He told me as long as we treat the lake with respect, others will inevitably follow. "Lead", he told me, "that's all you can do sometimes is lead and hope others take notice".

My grandfather has been, and always will be, my inspiration. His words ring true every moment I spend on the lake and every new topic or issue learned in school. He is now 92 and living in a retirement community in Traverse City, but I try and get him out to the place he also loved most on Earth as much as possible. To this day he is a member of the LLLA and always passes on the newsletter to me so I can read about what's happening on the lake. Lake Leelanau is the most beautiful and meaningful place in my life, but when I really think about it, it is more than that; it's family.

Why did the fox cross the road?





Fountain Point Ahoy!

Erik Zehender

Fountain Point had its busiest May and June in history, and is opening its doors to Lake Association members and their summer guests; and so many activities!

Wednesday morning introductory seaplane lessons offered by NMC Aviation. This 15 minute one-on-one experience in an amphibious SuperCub is unforgettable for young and old alike; current pilots can earn a seaplane rating during a week's vacation.

"Yoga on the Beach" with Amy Hubbell, complimentary to all, is Tuesday and Thursday mornings 8:30 am.

Come by car or boat to eleven concerts this summer:

- Traverse Symphony Orchestra ensembles perform Tuesdays June 23, July 7, July 21 and August 18.
- The Accidentals & Friends perform June 20, July 17 and September 13.
- Don Julin and Billy Strings perform four Wednesdays June 17, July 1, July 8 and August 19.

Donations benefit Lake Leelanau Rowing Club, which is generating college scholarships for our community youth utilizing the natural resource we all cherish, our lake. Rowing has been added to Traverse City Area Public Schools offerings, and there is now a college team at NMC. To keep it affordable, rowers of all ages who compete in regattas are sponsored by Fountain Point, and the Autumn Regatta – this year on October 24 – is now one of the biggest in the state, bringing over a thousand rowers and spectators to northern Michigan. A frequent comment of high school rowers visiting from downstate is "Wow. I can see the bottom!"

Learn to Row Saturdays are 9am to noon June 20, July 11, July 25, and August 8, with a special two morning middle school children's session June 27 and 28. Black Bear Sculling is run by Steve Wagner, head coach of Rutgers University Crew, which has placed more athletes on the US Olympic rowing team than any other college program. Accompanying Steve are top Ivy league and US Naval Academy coaches. Sessions are June 21-26 (sold out) and June 28-July 3. University of Michigan Rowing will also be running their fourth annual Women's Breast Cancer Survivor Rowing Camp June 18-21. This program involves mainly women from Chicago and Detroit, but any neighbors interested in founding a local "Recovery on Water" chapter will receive sponsorship from Fountain Point. Call 256-9800 for times, prices, and to join the guest list for any event.



Fountain Point National Historic District, Michigan's oldest waterfront resort, is also a unique wedding, reunion and retreat destination accommodating up to 140 guests in 20 charming cottages or smaller groups in cozy blocks of cottages combining great lawn grandeur with intimacy and history. Cost has also been significantly reduced by breaking up the seven day minimum stay into Sunday to Friday weekday and Friday to Sunday weekend stays. For Lake Association members, Fountain Point is an easy, affordable way to house overflowing summer guests, accessible by boat and offering interesting activities as well as room for kids and grand kids to run in a spectacular lakefront setting.



Boater Safety Classes 2015

Charlie Belanger, Marine Patrol Commander
Boater Safety Info Line 231-256-8644

The Leelanau County Sheriff's Marine Patrol will be offering Boater Safety classes this summer for boaters who will be at least 12 years of age by the end of the boating season.

- Youth 12 to 15 years of age may operate a boat powered by a motor of more than 6 hp legally only if they have a Boater Safety Certificate or are accompanied by a person at least 16 years of age.
- Those 16 years of age and 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.
- Those less than 14 years of age may not legally operate a Personal Watercraft.
- In addition, youth 14 and 15 years of age may operate a PWC only if they have a Boater Safety Certificate and are accompanied on board by a parent or guardian or are operating not more than 100 feet from his or her parent or guardian.
- All Persons born after December 31, 1978, may operate a PWC legally only if they have obtained a Boating Safety certificate.
- Persons born on or before December 31, 1978, may operate a PWC legally without restrictions.

Classes will be held on the following dates:

- June 15, 16, 16, at the Leelanau County Law Enforcement Center, EOC
- July 6, 7, 8 at the Glen Lake Yacht Club
- July 13, 14, 15, at the Leelanau County Law Enforcement Center, EOC

All classes start at 9:00 a.m. and conclude at 12:00 noon. Participants must attend all three days in the course sequence and pass a test to receive a certificate. There is no charge for the course, and the only requirement is that participants come with a positive attitude and a desire to be a safe boater. Information about Boater Safety classes and Replacement Boater Safety Certificates and on-line classes can be found at www.michigan.gov/dnr (Search: boater safety certificate).

all markets open 9am-1pm

Leelanau County Farmers Markets

- Empire: Saturdays, June 13-Sept. 12**
- Lake Leelanau: Sundays, June 14-Sept. 6**
- Glen Arbor: Tuesdays, June 16-Sept. 8**
- Leland: Thursdays, June 18-Sept. 3**
- Northport: Fridays, June 5-Sept.**

Water Over The Dam

John Popa

Well, the fluctuating lake levels during the past eight months certainly have been interesting...sometimes disappointing. The unusual rains last fall resulted in higher than normal lake levels. For long periods of time the dam gate was wide open passing the maximum amount of water. This caused boats upstream and downstream to bounce and bang around.

Fast-forward to this spring. With a winter of light snow accumulation, followed by a period of little to no rain, there was not enough runoff to raise the lake to its required level in a timely manner. As a result, there were a few weeks where the gate was closed entirely as the lake slowly rose. That was a rarity.

We have to give credit to the primary dam operator, Gerald Culman. He performs his duties with diligence and does his best to anticipate what is needed...he does a great job.

However, it would help him to have more information. The Dam Authority recognized the fact that potential water volume, possible restrictions and different levels throughout the 18 mile lake, may affect or help the operator's actions. As a result, the Authority sought and approved an engineering study to provide some technical information.

The County Board of Commissioners did not approve the Dam Authority's recommendation. This was very disappointing to the Lake Association and it intends to pursue the matter. You should call your county commissioner and voice your opinion. Keep in mind that half of the monies to maintain and operate the dam is paid for by the riparians.



For several days this May, for the first time ever according to Leelanau Enterprise, there was no water coursing over the dam in Leland.

Useful Leelanau County Links

<http://www.leelanau.cc/>

[Recycling Flyer](#) (what & where)

[Hazardous Materials Flyer](#) (more details on what)

[Farmers Markets](#) (exact locations)

Top Seven Boater Safety Tips For The 2015 Season

- Wear a life jacket - more than 80 percent of drowning accidents in the United States are due to people not wearing their life jackets. In Michigan, anyone less than 6 years of age must wear a life jacket when on the open deck of any vessel. But wearing a personal flotation device (PFD) is recommended for everyone.
- Make sure your boat is properly equipped and your equipment is in good working order. In addition to all legally required equipment, such as life jackets and fire extinguishers, always carry a first-aid kit, nautical charts and an anchor. Make sure your navigation lights are working properly.
- Avoid drinking alcohol - nearly half of all boating accidents involve alcohol. Studies show that passengers are 10 times more likely to fall overboard when they have consumed alcohol.
- File a float plan. Always let a family member or friend on shore know the who, what, when and where of your trip - and when you are expected back. Give them emergency contact numbers in the event you don't return when expected.
- Maintain a sharp lookout. Stay alert for other boats, swimmers, skiers and objects in the water. This is especially true when operating in crowded waterways, at night and during conditions of restricted visibility.
- Carry a marine radio or cell phone. Be prepared to call for help in case you are involved in an accident, your boat becomes disabled or you otherwise need assistance. If you enable the GPS function in your smart phone, the 911 dispatcher can plot your position in the event of an emergency. Program the phone numbers for the Leelanau Co Sheriff's Office (231-256-8800) or U.S. Coast Guard in your cell phone. Make sure your cell phone is fully charged, but be aware that there are often gaps in coverage on the water.
- We also recommend a boating safety course for anyone who plans on taking to the water in a boat or on a personal watercraft.

Fish Report

Pete Taylor

In April of this year the Michigan DNR stocked 7500 fingerling lake trout in North Lake Leelanau. This compares with 20,000 that were stocked in prior years. The lower numbers were due to problems at the hatchery in Marquette caused by the past two extremely harsh winters.



Also the DNR conducted a netting survey of the South Lake from Monday June 15 till Thursday June 18. This survey is to determine the numbers, species, and condition of the fish in the lake.

And, of course, I look forward to seeing you all at Kids Fishing Day. The pond is stocked; the fish, and fun for all, await you.

FREE!



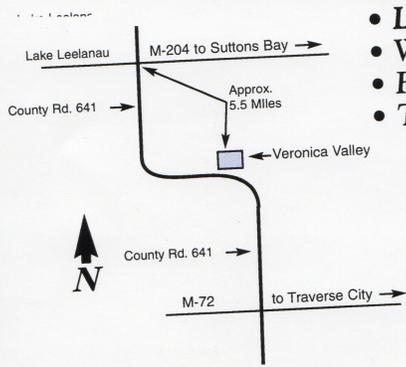
KIDS' FISHING DAY

Sunday, June 28, 2015 • 11 a.m. - 3 p.m.
 At Veronica Valley Park

Kids, Lets Go Fishing!!

Over 1,500 bluegills have been stocked (some are BIG ones) and are waiting for you to catch them!

- Nature Display
- Learn how to fish; no license or bait required
- Wings of Wonder Raptor Show
- Fish "painting"
- Talk to and learn from a variety of fishing experts



FREE!
 Hotdogs and pop to satisfy your inner fisherkid

Please bring your own rods, reels and tackle and a parent to share the fun with you. A limited number of rods and reels are available for those who don't have any

Sponsors and Supporters

- Lake Leelanau Lake Association • Leelanau Enterprise • Leelanau County Parks and Recreation Commission
 Michigan DNR • Cedar Rod and Gun Club • Cherryland Electric CO-OP
 Leelanau Conservation District • Grand Traverse Band • Camelot Construction
 Great Lakes Children's Museum • Lake Leelanau Community Association
 Monstrey McDonald Events • Hansen Foods • PATH Foundation • The Fish Hook
 Honor Collision Service • Chris and Heather Hettinger • The Narrows- Lake Leelanau

P.O. Box 123
Leland, MI 49654-0123

Postage

www.lakeleelanau.org



Nick Fleezanis



Photo credit: Cathy Fisher