



Lake Washington Improvement Association

Summer 2016



ILIDS
CAMERA



ORGANIZATION
UPDATE



WATERSHED
CLEANUP



WATER
QUALITY

SUMMER NEWSLETTER, 2016

Lake Washington Improvement Assn.
PO Box 68 Dassel, MN 55325
www.lakewashingtonassn.com
Email: info@lakewashingtonassn.com

Contact Us



General Issues:

info@lakewashingtonassn.com

Membership Changes:

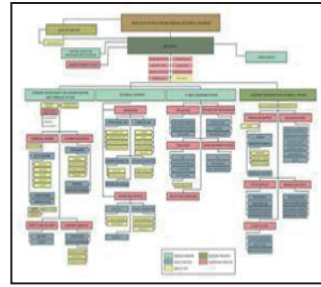
membership@lakewashingtonassn.com

Lost and Found:

lostfound@lakewashingtonassn.com

The Lake Washington Newsletter is published three times a year (Spring, Summer and Fall) by the Lake Washington Improvement Association. It is distributed free to lake property owners and friends around Lake Washington.

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Board and Committees

By Steve Grotbo

I am happy to report that we once again have a full thirteen member board with the addition of Dean Shaner, Sharon Daniels, and Mark Johnson. The full list of board members is on the website (www.lakewashingtonassn.com/board.php), so please pass along your thanks to this great group of people. The good news for the rest of you is that there is no need to be a board member to participate on a committee. If you want to help out, just contact any board member or attend one of the board meetings.

Following are current committees and sub-committees:

- Aquatic Invasive Species Committee
 - I-LIDS
 - Water Quality Testing & Vegetation Survey
 - Watershed
 - Cormorant
 - Zebra Mussels

Education / Public Relations / Communications Committee

Finance Committee

Grants Committee

Membership & Shoreline Captains Committee

Social Committee



Speaking of board meetings, in the past these were always held on the Tuesday night with every effort to make it the first Tuesday of the month from February thru October. To allow for greater participation from everyone, half the board meetings are being held on Thursday nights.

Tuesday, July 5th (past)

Tuesday, August 9th (National Night Out is on first Tuesday, so shifted a week)

Thursday, September 1st

Thursday, October 6th

The election of officers took place at the June board meeting with press coverage. Jenny Von-Ohlen from the Enterprise Dispatch attended to report on the elections and the lake association in general. The results are:

President: Steve Grotbo

Vice President: Mike Wosmek

Treasurer: Lyle Walker

Secretary: Steve Ullom

Your Lake Washington "ILIDS" System

Reprinted from Dockside Magazine

Lake Washington Improvement Association (LWIA) in Meeker County is taking a big step in preventing the infestation of aquatic invasive species. LWIA is budgeting more than \$20,000 in 2016 to control Eurasian water milfoil, Zebra Mussels, Spiny Water flea and other aquatic invasive species.



The LWIA is having a I-LIDS video system installed at Ellsworth Landing that will monitor boat landing activities, capture video events, and make this information available for review by lake constituents and officials. The goal is to improve or maintain the water quality in Lake Washington.

Last year Lake Stella, which flows into the west side of Lake Washington, was infested with Zebra Mussels and lake homeowners are concerned it may spread. How the Zebra Mussels entered Lake Stella is unknown but there is a concern if the invasive species increase it will affect property values, lake quality and usability.

Background on the impact to lakes so far

The attack against our lake legacy is well underway. We may not realize it but Aquatic Invasive Species are spreading exponentially to our lakes, and they are causing irrevocable impact. Already most of the lakes in the Twin Cities area are infested with Eurasian water milfoil which can grow in up to 35 feet of water and form dense mats at the surface. Zebra mussels are now hitchhiking on vegetation hanging on boat trailers and moving from lake to lake. Spiny water flea and Zebra mussels voraciously filtering the bottom of the food chain are causing dramatic changes to our game fish population.

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the evening of Aug 12 (check for time).**

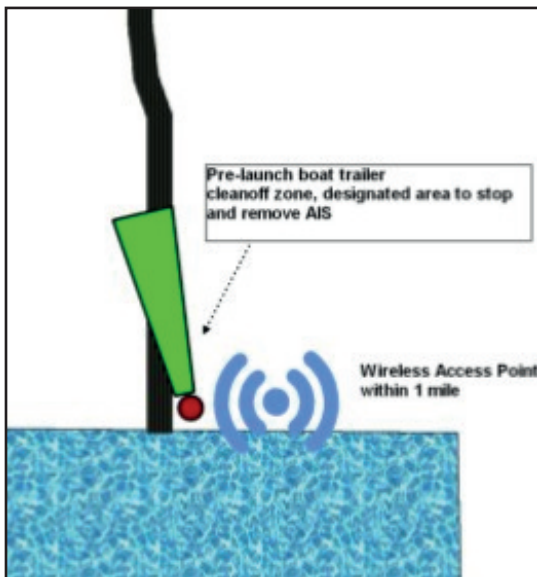
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Your Lake Washington “ILIDS” (continued)

Imagine...

- Swimming through thick mats of Eurasian water milfoil on the lake surface
- Algae blooms from Curly leaf pondweed die-off in the summer
- Cutting feet on razor sharp Zebra mussels that blanket the beach
- A closed walleye season because the fishery has been devastated
- Property value loss and trying to sell a home on an infested lake
- Lake residents and LUG's having significant, ongoing management expenses
- Potential well contamination from exposure from 2,4-D herbicide treatments. For a growing number of lake residents and counties in Minnesota, they don't have to imagine, this is the reality.



The Environmental Sentry Protection, LLC out of Maple Grove has a system called I-LIDS. It is a tamper-proof, onsite solution to capture boater activities to ensure compliance with the Aquatic Invasive Species clean-off laws so lakes can be protected from the extensive impact of new exotic species.

As a boater enters Ellsworth Landing they will see signage indicating that the area is monitored and instructing them to how they should inspect and clean off their boat and trailer before they launch their boat.

At the same time the I-LIDS system utilizes advanced sensors that tell it when a boater has entered the launch area and turns on video monitoring of the bottom of the boat to identify whether there are aquatics invasive species on the trailer or boat. It also captures clean off activity by the user.

The I-LIDS system features include: continuous (7x24) video capture of launches, vehicle identification, analysis of visitor clean off compliance and remote management and diagnostics. The unit is solar powered and costs about \$10,000. According to Ken Klehr, president of the LWIA a grant of \$4,600 has been approved by the Meeker County AIS committee towards the I-LIDS. For more information LWIA has a website at www.lakewashingtonassn.com.

Lake Washington is located on the east side of Meeker County near Darwin and Dassel, Minnesota. It is the largest lake in Meeker County with total acreage of 2,433.85. LWIA board members include Ken & Cathy Klehr, Rick Fernstrom, Mike & Sandy Wosmek, Pat Hason, Ron Bubany, Skip Sustacek, Steve Grotbo, Rick Fernstrom, Steve Ullom, David Rathe, Lyle Walker, Rick Johnson and Tom Hauer.

Watershed Committee

By Skip Sustacek

Summer is here and everything is nice and green. "Minnesota Nice". The lake is up in depth. The lake was very clear until the rain started.



The present holding pond has been working overtime with the abundance of water, but it is working well. Water samples have been taken and the information we collected should become available soon. We plan to continue sampling the watershed.

This summer so far we have completed a project on 215th St. at 68430 This is an 18 inch culvert that travels north under 215th Street and then runs underground to Lake Washington. We added an 18 inch, 90 degree, "pipe" to help slow down the travel of water entering Lake Washington (see pictures of the 90 degree which will help explain what it looks like. The lower 4" tile will pick up the lower water in the ditch).

The lower 4" tile will pick up the lower water in the ditch).

We will continue to check other watershed areas of Lake Washington and will keep you up to date as we go. Our goal continues to be the improvement of our lake water quality.



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Invasive Species and Water Quality

By Dave Rathe

Zebra Mussels:



Last year zebra mussels were found in Lake Stella, upstream from Lake Washington. Because of this development, we have installed 11 zebra mussel monitoring plates around the lake that are being inspected weekly. As of the date of this writing, there have been no reports of zebra mussels in Lake Washington. Remember when removing docks and boatlifts in the fall, check for zebra mussels. Contact Dave Rathe or Mike Wosmek and the MN DNR if you find any zebra mussels.

Zebra mussel life cycle starts when eggs are fertilized by sperm in the water column. The larvae hatch in less than a week. The larvae are free swimming for about 1 month and are carried downstream in the water column before attaching to a hard surface or vegetation. At the start of the juvenile phase, they fall to the bottom, where they are capable of moving via a “foot” until they find a hard surface, on which to attach. The zebra mussels mature in approximately 1 year and can live for 3 to 9 years. In a season, a female can lay as many as 1 million eggs, however, the mortality rate to get to maturity is high at about 99%. They feed by filtering algae out of the water around 1 quart per day.

If a significant population of zebra mussels forms in Lake Washington, the impacts will likely be an increase in water clarity, aquatic plants will be able to take root in deeper water due to the improved water clarity, mussels will attach to any hard surface including docks/boat lifts/boats lift in the water, they will out compete native mussels resulting in large decline in native mussel population, shells from dead mussels become quite sharp and a hazard for swimmers. All-in-all, a pretty nasty aquatic invasive species.

ILIDS:



Our video and audio system at Ellsworth landing is up and running. The audio message reminds boaters to clean all vegetation and drain water from boating equipment. 15 sec video clips are also recorded each time the ILIDS system senses someone using the landing (Note: There is a built-in 4 minute delay before ILIDS will play the audio message and record video again).

We have been doing some fine tuning on the system to improve performance; focus, lens hood (shade early morning sun), trip sensitivity (to pick up vehicles in the far ramp). Future improvements planned are LED light for night video capture and magnetic sensor for improved vehicle detection. To date we have recorded over 900 videos.

Water clarity (via secchi disc readings):



We have been taking observations every two weeks throughout the summer at 5 locations around the lake. The average of the readings is 5.8 feet with 4.0 feet minimum and 7.5 feet maximum. Water clarity can be dependent on weather (wind & rain) of the previous few days before the observation. Last year the average was 4.9 feet with 4.0 feet minimum and 7.0 feet maximum.

Water quality:

We are also having the water analyzed monthly at one site for phosphorus (nutrients in the water) and chlorophyll-a (a measure of algae concentration). These levels will be reported when results are received from RMB Environmental laboratory. Last year's test results were 30 µg/L (micrograms/liter) phosphorus and 10 µg/L chlorophyll-a.

COMMITTEE REPORTS

Shoreline Captains/Membership Committee

By Cathy Klehr

Thanks to all who have renewed their membership. To recognize these people, we have included a list of paid members in this newsletter. We also have this listed on our website and update it monthly. Without your support of our association we would not be able to maintain the quality and beauty of our lake.

If you have not yet sent in your dues, you can still do so. Please send a check for \$50 to LWIA, Box 68, Dassel, MN. 55325.

Our shoreline captains attended a meeting Memorial weekend to get their rosters and will be covering their areas throughout the summer. Thanks to these volunteers who have put a lot of their time and effort into this program. For a list of captains visit us on our website. We do have shoreline captain openings and if you are interested in volunteering your time, please contact any board member.

For changes of address, phone, e-mail or any other information we should be aware of, please contact us at membership@lakewashingtonassn.com

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COMMITTEE REPORTS (continued)

FINANCE / FUND RAISING COMMITTEE

By Lyle Walker

At June 30, the financial position of the Association remains strong with total funds of \$116,255. There are no unpaid bills on hand. There are 190 paid memberships as of June 30. This is slightly ahead of the previous year's 185. The required financial reporting to the State of Minnesota and IRS for the fiscal year ended April 30 has been completed and filed.

SOCIAL COMMITTEE

By Sandy Wosmek

Where do the days go --

Here we are in July, the 4th is past and we are talking about August already. Hope everyone is enjoying the beautiful summer we are having.

Thanks to all who came to our May gathering - a good turnout and seemed to be enjoyed by all.

Now keep Friday, August 12th available for our Annual Pot Luck at the Dassel Sportsman Club House-----

Meat sandwiches will be provided.

Please bring a dish to share and your own plates,utensils, and beverage.

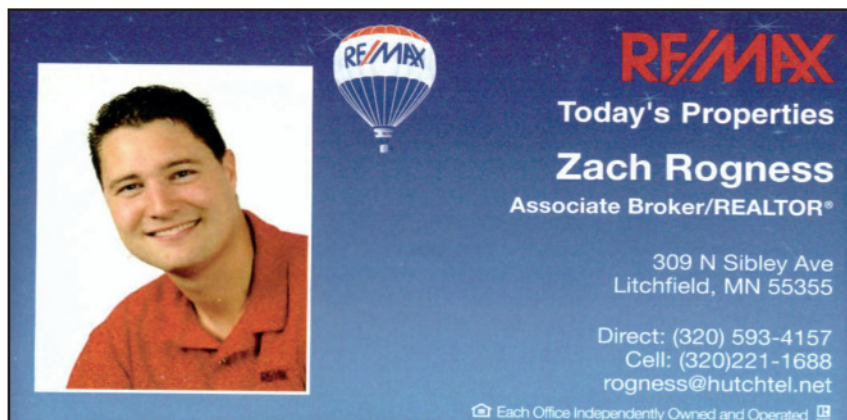
Social hour to start at 5 p.m.

Pot luck meal at 6 p.m.

Short meeting and drawing for prizes to follow.

Hope to see many of you on August 12 for pot luck.

HAVE A GREAT SUMMER!!!!!!!



A business card for Zach Rogness, an Associate Broker/REALTOR® at RE/MAX. The card features a blue background with a white photo of Zach Rogness on the left. To the right of the photo is the RE/MAX logo, which includes a hot air balloon. Below the logo, the text reads: "Today's Properties", "Zach Rogness", "Associate Broker/REALTOR®", "309 N Sibley Ave", "Litchfield, MN 55355", "Direct: (320) 593-4157", "Cell: (320)221-1688", and "rogness@hutchtel.net". At the bottom right, there is a small logo and the text "Each Office Independently Owned and Operated".



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Greetings from Desiree Lee with Edina Realty

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Email: DesireeLee@edinarealty.com

Web Site: www.edinarealty.com/desiree-lee-realtor

Edina Realty

LWIA Paid Member Listing

Monday, July 4, 2016

Name	Name	Name
Abeln, Rick and Bonnie	Burrill, Connie	Hanson, Patricia A. & Larry
Albright, Susan	Burt, Steve & Diana	Hauer, Tom & Patty
Andersen, John & Caroline	Christianson, Gary & Pegg	Hausladen, Emmett & Jan
Anderson, Ken	Cowan, Bill & Bev	Haverkamp, Jack & Judy
Anderson, Marlowe & Sha	Craig, Bill & Carole	Heimerl, Duayne & Sue
Bahr, Mel & Marilyn	Dalen, Dean & Theresa	Herd, Daniel & Sheila
Bahr, Richard & Carla	Daniels, Gary & Sharon	Hoese, Elaine
Barnes, James F. & Annett	Danielson, Scott & Pamela	Hogan, Jane and Paul
Barsness, John & Jeanette	Determan, Mark	Holmgren, Donald
Bartz, John	Drew, Scott & Donna	Hoops, Gregory & Rebeck
Becker, Kris & Dean	Engel, Bill	Horacek, Jeff & Denise
Bengtson, Clarice & John	Engl, Andy & Vicki	Horman & Deb Currie, Ric
Bengtson, David & Susan	Erickson, Kevin & Terrie	Hoversten, Donald
Benjamin, Charles & Sharo	Faust, Sheryl H. & Dan	Idle Wave Association, % L
Benson, Gary & Cindy	Fay, Margaret	Jans, Dennis & Kristin
Benson, Keith	Fernstrom, Gaylord & Jea	Johnson, Richard & Marci
Betker, Bryan	Fernstrom, Rick & Abby	Kadelbach, Gene & Julie
Betker, Gene & Barb	Field, Barbara	Kaiser, Kraig & Kelly
Betker, Jerome & Bonnie	Field, Mike & Cheryl	Karlson, Dave & Bev
Betker, Paul & Jan	Fink, John E. & Ruth	Keeler, James M. & Sue
Blake, Jeff and Amy	Finkenaur, Bob & Nancy	Kerstein, Robert & Ruth
Blake, Jon R	Flores, Phil & Mary Jo	Kieffer, Gregory
Bock, Nelson & Bev	Fouts, Darlene & Pat	Kjell, Steve & Jenny
Bollman, Don & Jane	Gayner, Tom & Jo Ann	Klehr, Ken & Cathy
Bonniwell, Jack & Dianne	Gillman, Brice & Chantel	Kliver, Tom & Jacqueline
Borg, John & Kate	Goff, Dave & Missy	Koski, Jim & Megan
Bowman, Wayne & Susan	Grams, Bill & Jane	Kotila, Larry & Gloria
Braun, Chris & Suzanne	Griep, Mary	Kraemer, Thomas & Sandr
Brice, Hap, Sue & Amy	Grotbo & Elizabeth Walke,	Kraft, Joel & Catherine
Brinkmann, Grace	Gruhlke, Tom & Cindy	Kreger, Gregg
Brinkmann, Judy	Haag, Scott & Kay	Krogstad & Traci & Bill Lar
Brown, Carol & Ben	Haefner, Andy & Marcia	Larson, Mark & Jan
Brunes, Shari	Hansen, LaVonne	Lee, Patrick & Desiree
Bubany, Ronald & Rita	Hansen, Ronald & Mary	Lindquist, Dick & Lynne

LWIA Paid Member Listing

Monday, July 4, 2016

Name	Name	Name
Longhenry, Janice	Quinn, Reagan	Ullom, Steve & Christine
Longhenry, Tom & Cindy	Rasset, Gary & Robyn	Urdahl, Scott & Lisa
Loosbrock, Kelly & Holly	Rathe, Dave & Sue	Van Horn, Lee K. & Lori
Lovald, Arlan & Jill	Reed, Mark & Lynn	Verby, Steve & Joyce
Lueneburg, Brad & Jeri	Reed, Tim	Von Eschen, John & Patrici
Lueneburg, Milton & Darla	Regenscheid, Ron & Steph	Walker, Lyle & Georgiann
Lukes, Fritz & Jo	Reinke, Kenneth & Doroth	Wallace, Bruce J.
Lundeen, Todd & Carlynn	Rettman, Don & Georgia	Ward, Jean & Steve
Lyke, Thomas & Mary Jo	Rickeman, John & Donna	Weller, Dave & Tiffany
Madsen, Kevin & Judy	Rogers, John & Brenda	Wendinger, Leon & Shirle
Madson, Alice	Saber, Tony & Terry	Wendling, James & Barb
Maiers, Matthew & Ashle	Samson, Kalin & Nancy	Westlund, Dave & Karen
Manke & Wanita Johnson,	Sandstede, John	Wick, Karen & Richard
Matthias, Mark & Ronda	Schierman, Mark & Wend	Winter, Dean & Kimberly
McGraw, Linda	Schmidt, Mark & Linda	Wolf, Gary
McGuire, Robert & Pat	Schmit & Jim Bottema, Ma	Wood, Mark & Lynn
McLain, Luke & Erin	Schroeder, Doug & Kathy	Woodford, Dale & Margo
Messner, Michael & Chery	Schuette, Dennis & Sandr	Woolverton, Paul & Rebec
Milbrandt, Pat & Wally	Schuette, Stanley & Linda	Wosmek, Michael & Sandr
Milne, Paul & Elizabeth	Schugel, Joachim & Leann	Zachow, Linda & Jack
Mlinar, John & Carol	Schultz, Ray & Evonne	Zieman, Dale & Shari
Moore, Terry & Sue	Schwarzrock, David	
Moorhead, Kevin	Schwinghammer, George	
Moses & Karl Terning, Ca	Seemann, Kenneth & Virgi	
Motzko, Jean	Settergren, Dale & Jane	
Nathe, Richard & Jean	Shaner, Dean & Jeanette	
Nielson, Ron & Joyce	Stenmark, Larry & Karen	
Noplos, John & Janice	Strom, Bob & Arlene	
O'Brien, Terry & Jenna	Stueber, Russ & Lois	
O'Shea, Lori & Michael	Sustacek, Harvey & Sharo	
Paulson, David & Connie	Tenold & Anne Mahoney,	
Plath, Kyle & Leah	Terning, Wanda	
Polt, Beverly & James	Thompson, Wayne	
Quast, Douglas & Connie	Turnbull, Sharon & Stuart	