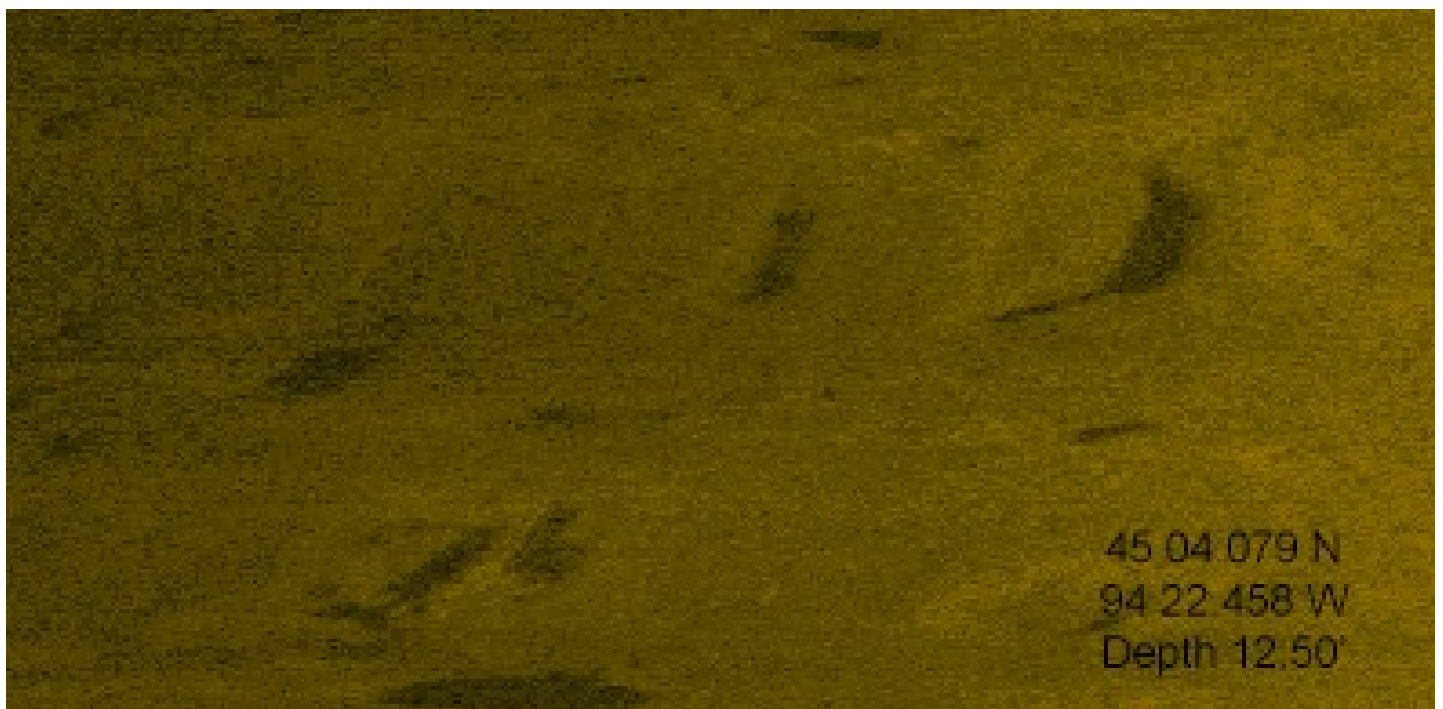
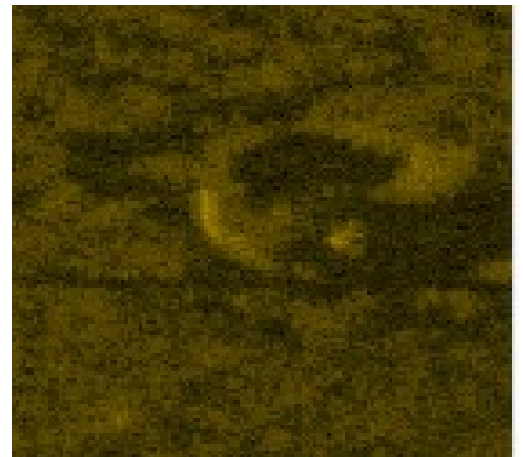
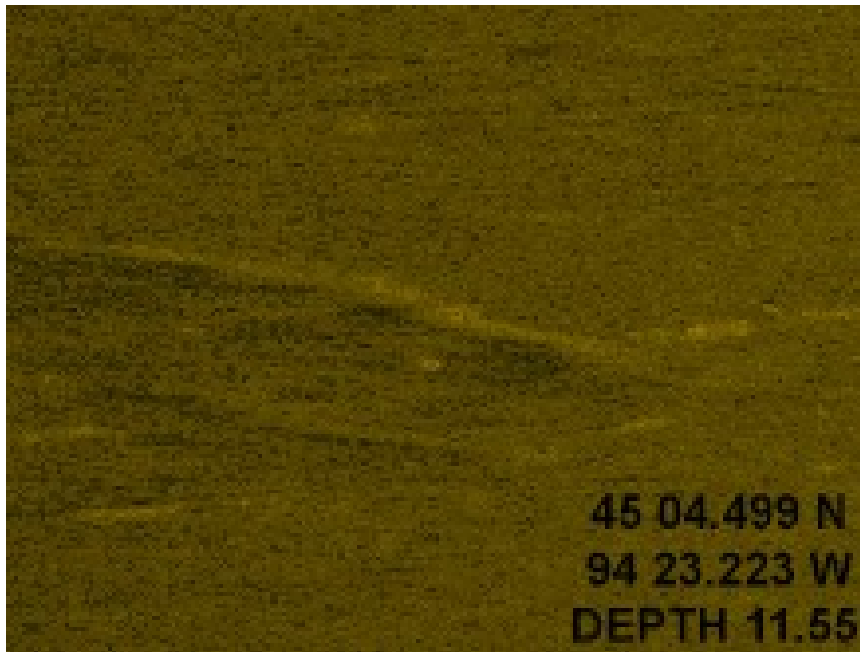




Summer 2018

What's in your lake?

(See page 7)



SUMMER NEWSLETTER, 2018

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.



End of the Dock 3



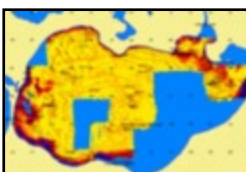
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End Of The Dock

By Steve Grotbo, President

Summer did actually come and the ice is off the lake. The official ice out date was [May 1st](#), just the second time in history for having a May date. With that, the clarity of the lake was the best it has ever been. I've been hearing a lot of theories on the lake clarity, but the one that makes the most sense to me is the late ice out along with lack of runoff. This aligns with all the lakes in the area having great clarity and with the recent rain the clarity being reduced.

Everyone should have received a directory from their shoreline captain by now. So be sure to update the "July" ice out date with the correct one. At publishing time, it did not seem like the ice was going to ever melt. Be sure to thank Mark Johnson for putting this together and let the advertisers know that you saw their ad in the lake directory.

The website (<https://www.lakewashingtonassn.com/>) has been updated with an SSL certificate ("s" part of "https"). Even though we do not have anything of value on the site, Google Chrome now requires all sites to have this. Surprisingly, 20% of the lake members use Chrome as their browser, making it the most popular after looking at it on their cell phones.

B&B Sports out of Hutchinson once again paid for the pork chops at the annual meeting. Lots of comments on how well it worked this year, must have been because I could not attend... At the meeting the elections were held with Cathy Klehr, Skip Sustacek, Lyle Walker, Steve Ullom, and Mike & Sandy Wosmek getting elected. Do not feel bad if you lost in the election, you can always volunteer on a committee and campaign harder for next year. The officers were elected at the June board meeting with me being president, Mike Wosmek as VP, Lyle Walker as treasurer, and Steve Ullom as secretary. Be sure to congratulate the board members on their wins at the [August 4th](#) potluck.



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2018 Approved Grant Program

By Sharon Daniels, Grant Coordinator

As of this newsletter we have not requested any disbursement of grant monies, but that doesn't mean members of Lake Washington haven't been busy. Board members have been doing some water surveying and erosion projects since May this year, and as of May 31st several people have put in a total of 125 "in-kind" hours (voluntary hours) to do water surveying and ditch work to the East of Ellsworth landing. Although "in-kind" hours do not qualify for grant refund money, it is very important to the DNR and State of MN that we calculate our hours and report these hours along with any grant refunds.

Monitoring of Milfoil, Curly Pond weed, and now talking about being pro-active with the monitoring of Starry Stonewort can be costly, and time consuming. I will keep you updated in each newsletter as to the number of "in-kind" hours and grant money received as the year goes on.

To all the volunteers that help work on projects during 2018, please email me your amount of "in-kind" volunteer hours as well as any receipts for expenses as soon as a project is completed. My email address: sdaniels@grdaniels.com. I will then forward the receipts to MCAL and or AIS for reimbursement.

Thanks! to all those that volunteer their time and efforts to keep our lake at its best!

Membership Data Hack

By Steve Grotbo, President

Lake Washington Improvement Association unfortunately joined the ever increasing group of those that have been hacked. One of the members pointed out to the board that the list of members was out on the dark web. Further investigation revealed that it was an old database from 2011 that none of the current board members were even aware of. All of the members information has since been removed from the website. The information revealed included Name, Address, and Email.

Membership data is maintained electronically by a third party that specializes in ensuring the security of the data. Only Cathy Klehr and Ron Bubany have access to this data. It has been stressed that we do not want a repeat, so tight controls are in place to ensure this.

We are sorry for any issues this might have caused you. If you are needing to know what information was revealed about you, please drop us an email (info@lakewashingtonassn.com).



Watershed Report

By Skip Sustacek

After about a month we finally got the ditch on the east side of Ellsworth Landing into shape. We had a problem with the weather and our personal schedules. The seeds planted are growing and doing well. The rain has helped very much. It will take a good summer growth for it to improve.

Our plans are moving forward with inspection on the north and northwest shoreline of Lake Washington. Feel free to call 1-320-241-8454 if you have comments about this area. More updates to follow in the fall newsletter.

Highway 14 on the west side of Lake Washington has a winter landing that will need rock added to the water end of ramp. The waves wash away the gravel. Again, update to follow with fall newsletter.



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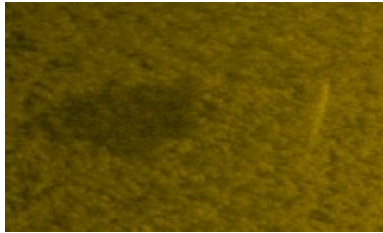
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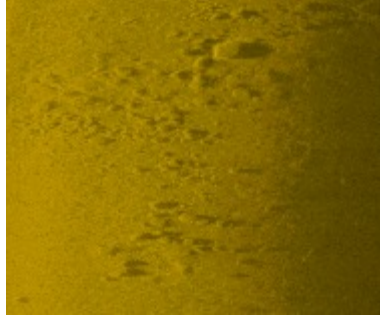
www.midwestgardenco.com 320-275-9514 Hours: Tues.-Sat. 9-6, Sun. 1-5

New Lake Washington Contour Map

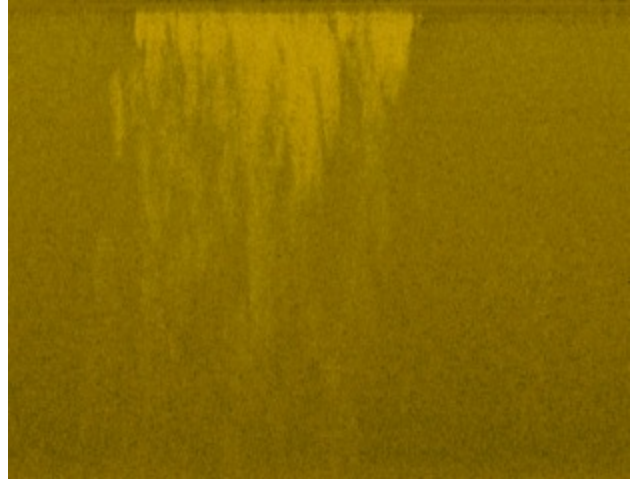
By Ron Bubany



Large (43") Fish & Shadow



Rock Pile



Strange Clouds

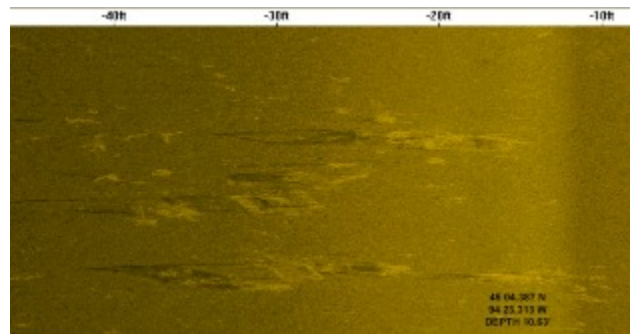
Your new Lake Washington contour map is now about two thirds complete. We expect to have a final version before the year is out.

In the meantime, we have posted what we now have to the Lake Washington website. There are versions with 1 foot contours, 2 foot contours, 3 foot contours and 5 foot contours. In addition, you can view bottom hardness and vegetation maps.

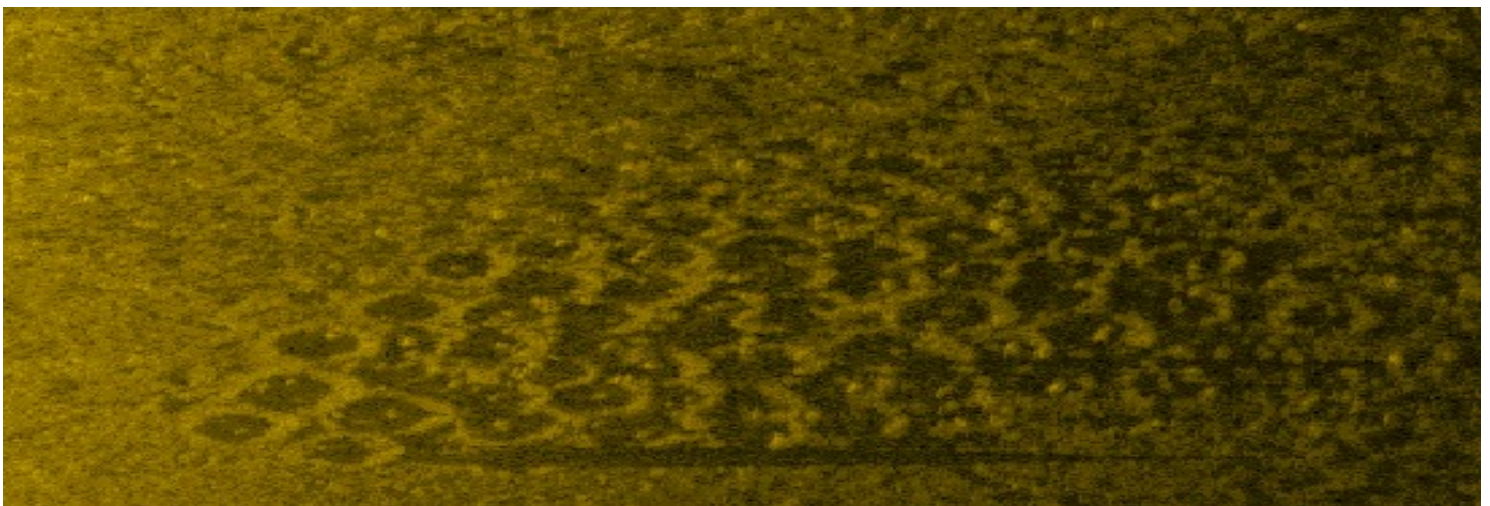
<https://www.lakewashingtonassn.com/maps.php>

Also, as we go along, we encounter objects on the lake bottom as shown here and on our cover page.

Please use and enjoy the new maps.



Windows (Fish House)?



Spawning Beds

Zebra Mussels

By Dave Rathe



Zebra Mussel Hotel locations on Lake Washington 2018

This year we located our zebra mussel settlement plates (hotels) in the same locations as last year (see map). Thanks to all of the folks who are letting LWIA use their docks for hotels again this year. There is no need to check the hotels or report zebra mussels on docks and boat lifts during the summer this year, as we know they are going have zebra mussels. Around the middle of July you should probably be able to see new zebra mussels on the hotels without the aid of a microscope or magnifying glass.



Zebra Mussel Hotel (settlement plate)



Zebra Mussels

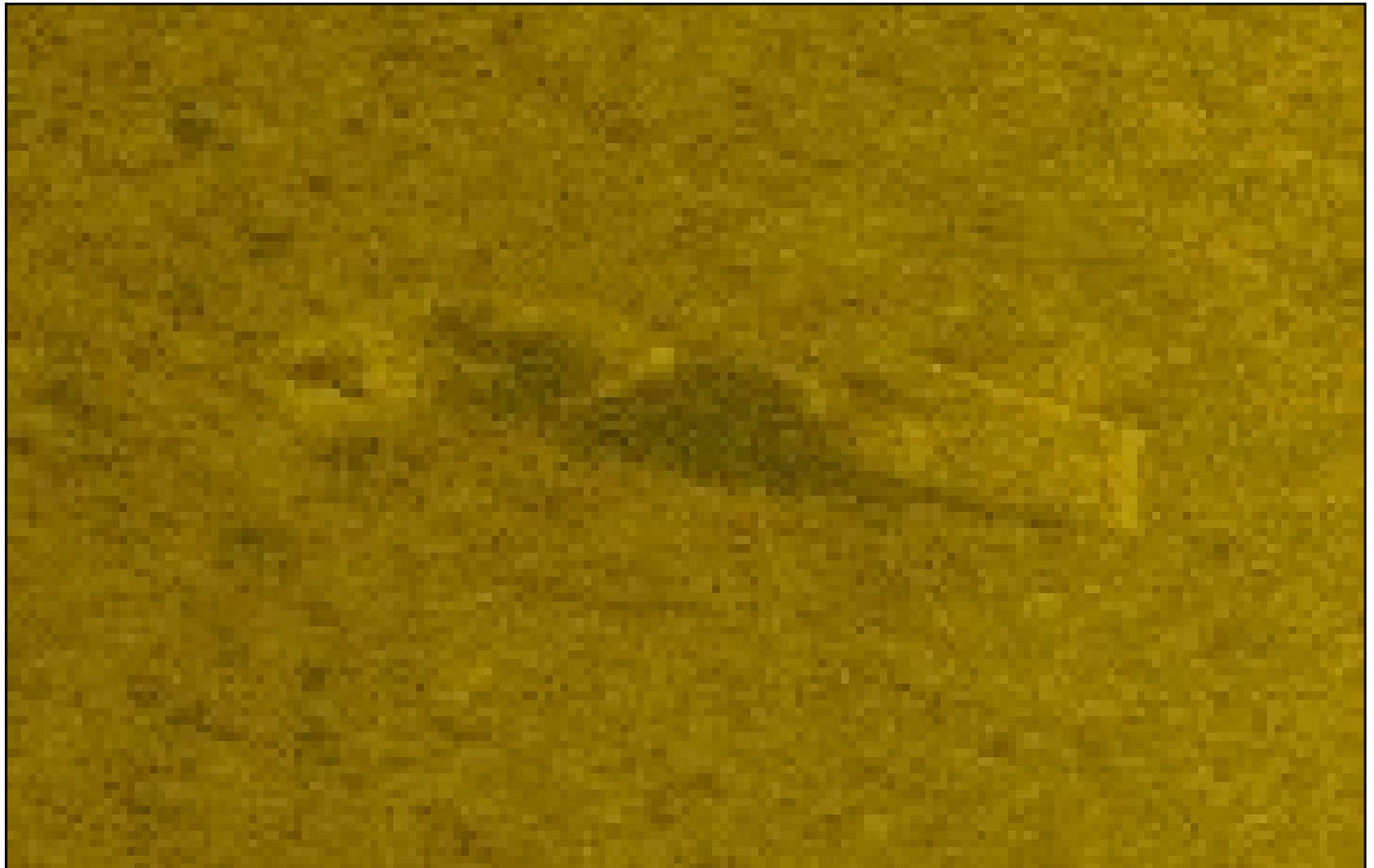
Zebra Mussels (continued)

Dr. Michael McCartney (Research Assistant Professor of the Minnesota Aquatic Invasive Species Research Center) is continuing to research zebra mussels to find ways to manage population and spread of this invasive species. He is sequencing the zebra mussel genome in collaboration with the University of Minnesota Genomic Center. The sequencing data will be used to analyze the genome and transcriptomes of the expressed genes to find genes that could potentially be targeted for control. The sequencing data will also be used to study the spread throughout Minnesota. Highly variable genetic markers are being used to discriminate the sources of zebra mussels that infest inland lakes to determine spread pathways and better target prevention of infestation. Note: Zebra mussels from Lake Washington are being used in this study.

Lake Washington zebra mussels being used by U of M Research Center!

We will do a count and analysis this fall when we pull the hotels. This information will be sent to the DNR and to Dr. McCartney. Thanks Mike Wosmek for distributing the hotels again this year.

The DNR is only treating lakes for zebra mussels where the infestation is localized in a small area, no adult zebra mussels have been found, and the lake has no inlet or outlet to any other body of water. This means there are still no treatment options for Lake Washington.



Don't ask. We have no idea what this is.

Water Quality Testing

By Dave Rathe

We began water quality testing on the 15th of May this year. The clarity of the water was the best I've seen. Normally in the spring the lake clarity is around 5 feet, this spring it was an unbelievable 14.5 feet. Since then the water has been getting greener with clarity readings of 11.5 feet and 6.5 feet on the 31st of May and the 18th of June respectively. We will continue to take water clarity readings (via secchi disc) twice a month at 5 different sites around the lake during the summer.

On the 15th of May and the 18th of June we took water samples, which were analyzed for phosphorus (nutrients in the water) and chlorophyll-A (a measure of algae concentration). These samples were sent to RMB Environmental Labs for analysis. RMB has only posted the results for the 15th of May sample. Phosphorus was 12.0 micrograms/liter and the lake's average is 28.3, and chlorophyll-A was < 1.0 micrograms/liter and the lake's average is 11.6. The low chlorophyll-A result is likely the cause of the very clear water. We'll continue to take water samples once per month, at one site, which is at the deepest part of the lake. Our testing will conclude in September and the results of the tests will be reported to the Minnesota Pollution Control Agency (MPCA) and the chemical analysis results will be available on the RMB Environmental Lab's website.

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I-LIDS (Internet – Landing Installed Device Sensor)

By Dave Rathe



We installed the I-LIDS system at Ellsworth Landing on the 10th of May. It will operate throughout the summer and into the fall. Thanks to Skip Sustacek for the help.

I-LIDS monitoring continues to provide oversight of boaters visiting Lake Washington especially when inspectors cannot be there. Once again, this year we are seeing people react to the audio message, read the sign, and then inspect their boat and trailer for attached plants before launching and after pulling out of the lake. We have captured over 1300 videos as of the 22nd of June.

The DNR has had a decontamination station at the landing several times this year. They have also frequently had inspectors at Ellsworth Landing, especially on the weekends. This is more inspections than I predicted in the Spring Newsletter.

A new feature to the I-LIDS system is a magnetic sensor to identify when a vehicle is present at the launch, which triggers an audio message and alerts the camera to record. It works by sensing a change in the magnetic field around the I-LIDS system due to a vehicle/boat moving on the ramp, and then it waits for motion in the camera picture frame. Once it sees motion, it records approximately 20 seconds of video. The video is then reviewed for evidence of a watercraft being launched with weeds attached. The magnetic sensor has greatly reduced false triggers from people and animals walking past the camera.

Thanks to Tom Hauer for helping fine tune the magnetic sensor.

Remember, when you are launching or landing your watercraft – Clean, Drain, Dispose, Dry.

And don't forget the drain plug!

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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 are in the process of delivering our new 2018 lake directory. If you haven't received your directory, message me at membership@lakewashingtonassn.com. 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

FINANCE / FUND RAISING COMMITTEE

By Lyle Walker

Memberships through June 30 number 206 and have generated \$10,300 for the Lake Association. Last year through June, there were 181 memberships.

The new 2018 Directory was recently completed. Sales of advertising covered 92% of the printing cost.

The Board of Directors voted to make a \$5,000 donation to the Minnesota Aquatic Invasive Species Research Center at the University of Minnesota, The donation is designated to the support of Dr. Michael McCartney's zebra mussel research. This is the Lake Association's second donation to this research effort.

Required government financial reports for the fiscal year ended April 30, 2018 have been completed and filed.

To date this season, 72 members have made donations through the Lake Association to the Dassel Volunteer Fire Department. This is a very convenient way for members to support the Fire Department.

The cash position of the Lake Association at June 30, 2018 is \$128,700.

Committee Reports (continued)

SOCIAL COMMITTEE

By Sandy Wosmek

Summer warm weather has arrived -----

Rain has been plentiful -----

Seems like all is good at the lake.

We had a good turnout at the May pork chop meal, hopefully enjoyed by all.

Thanks to B & B Sports for picking up the tab for the chops. Remember to thank them when doing business with them.

Now getting ready for the August Pot Luck -----

Saturday, August 4th

Social Hour - 5 p.m. (Bring your own refreshments)

Meal - 6 p.m. Meat sandwich, coffee, and koolaid furnished. Please bring a dish to share and your own plates and utensils.

Meeting - any info to share or answer any questions.

Door Prizes - donations from various local businesses.

Hope to see many of you at the pot luck.

Must go ----- the lake is calling!!!!!!!!!!!!!!!

HAPPY SUMMER!!!!!!!!!!



LWIA Paid Member Listing

Tuesday, July 3, 2018

Name	Name
Abeln, Rick & Bonnie	Brinkmann, Grace
Adams, Bruce & Janice	Broll, David & Lori
Ahlgren, Wilton	Brown, Carol & Ben
Albright, Susan	Bruhjell, Arlen & Kathy
Andersen, John & Caroline	Brunes, Shari
Anderson, Duane & Carol	Bubany, Ronald & Rita
Anderson, Ken & Mary	Burgstahler, Neil & Patty
Anderson, Wendy & Keith Anderson	Burrill, Connie
Aubol, Sally & Judy Strolberg	Burt, Steve & Diana
Bahr, Mel & Marilyn	Carlson, Lisa
Bahr, Richard & Carla	Christianson, Gary & Peggy
Baker, Paul & Debbie	Coppa, Rodger & Pam
Ballard, Kenneth & Jane	Cowan, Bill & Bev
Barnes, James F. & Annette	Daniels, Gary & Sharon
Barsness, John & Jeanette	Danielson, Scott & Pam
Bartz, John	Drew, Scott & Donna
Becker, Kris & Dean	Eichten, Noel & Sharon
Bengtson, Clarice & John	Ellis, Mike & Sheri
Bengtson, David & Susan	Engh, Andy & Vicki
Benjamin, Charles & Sharon	Faust, Sheryl H. & Dan
Benson, Gary & Cindy	Fay, Margaret
Benson, Keith	Fernstrom, Gaylord & Jeanenne
Benz, Tim & Anastasia	Fernstrom, Rick & Abby
Betker, Bryan	Field, Mike & Cheryl
Betker, Gene & Barb	Fink, John E. & Ruth
Betker, Paul & Jan	Finkenaur, Bob & Nancy
Blake, Jeff & Amy	Flores, Phil & Mary Jo
Blake, Jon R	Fouts, Darlene & Pat
Bock, Nelson & Bev	Furst, Jerry & Addie
Bollman, Don & Jane	Gayner, Tom & Jo Ann
Bonniwell, Jack & Dianne	Gillman, Brice & Chantel
Borg, John & Kate	Ginsburg, Ladd & Dana
Bowman, Wayne & Susan	Gramentz, Alan & Judy
Braun, Chris & Suzanne	Grams, Bill & Jane
Brice, Hap, Sue & Amy	Griep, Mary

LWIA Paid Member Listing

Tuesday, July 3, 2018

Name	Name
Griffith, Robert & Dianne	Klehr, Ken & Cathy
Grotbo, Stephen & Elizabeth Walke	Kluver, Tom & Jacqueline
Haag, Scott & Kay	Komarek, Dan & Ruth Lotsof
Haefner, Andy & Marcia	Koski, Jim & Megan
Hall Steve, Danny Della Lana	Kotila, Larry & Gloria
Halonen, Paul & Heather	Kotzer, Kim & Steve Kotzer
Halverson, Marcus & Bonni	Kraemer, Thomas & Sandra
Hammers, John & Donna	Kraft, Joel & Catherine
Hansen, LaVonne	Larson, James & Nancy
Hansen, Ronald & Mary	Larson, Mark & Jan
Hanson, Patricia A. & Larry R.	Lenz, Robert & Gina
Hauer, Tom & Patty	Lindquist, Dick & Lynne
Heck, Darryl	Longhenry, Tom & Cindy
Heimerl, Duayne & Sue	Loosbrock, Kelly & Holly
Helmer, Evelyn	Lovald, Jill
Hewitt, Troy & Cindy	Lueneburg, Brad & Jeri
Hoffman, Mark & Lisa	Lueneburg, Milton
Hogan, Jane & Paul	Lukes, Fritz & Jo
Holmgren, Donald	Lundeen, Todd & Carlynn
Horacek, Jeff & Denise	Lyke, Thomas & Mary Jo
Horman Rich & Sue, and Deb Currie	Macho, Tom & Marilyn
Hoversten, Donald	Madson, Randy & Linda
Idle Wave Association	Maresh, Wendy
Jans, Dennis & Kristin	Matthias, Mark & Ronda
Johnson, Dave & Cindy	McGraw, Linda
Johnson, Keith & Laurie	McGuire, Pat
Johnson, Mark & Laurie	McKimm, Mike & Renae
Johnson, Richard & Marcia	McLain, Luke & Erin
Johnson, Todd & Julie	Messner, Michael & Cheryl
Kadelbach, Gene & Julie	Milbrandt, Pat & Wally
Karlson, Dave & Bev	Milne, Paul & Elizabeth
Keeler, James M. & Sue	Moorhead, Kevin
Kelzer, Robert & Stacy	Moses, Cammy & Karl Terning
Kerstein, Robert & Ruth	Motzko, Jean
Kjell, Steve & Jenny	Nathe, Richard & Jean

LWIA Paid Member Listing

Tuesday, July 3, 2018

Name	Name
Neu, Kenneth G. & Mary	Schwarzrock, David
Nielsen, Ron & Joyce	Seemann, Kenneth & Virginia
Noplos, John & Janice	Seitzer, Bill & Diane
O'Brien, Terry & Jenna	Servin, Jeanette
Ohme, Daniel G. & Sheryle	Settergren, Dale & Jane
Olsen, Mark & Dianne M.	Shaner, Dean & Jeanette
Ooley, Bill & Bev	Skalberg, Kenneth L.
O'Shea, Lori & Michael	Steiner, Owen & Mary
Parks, Doug & Lisa	Stenmark, Larry & Karen
Paulson, Amy	Strom, Bob & Arlene
Paulson, David & Connie	Stueber, Russ & Lois
Paulson, Robert & Sheila	Sustacek, Harvey & Sharon
Polt, Beverly & James	Tenold, Loren & Anne Mahoney
Quast, Douglas & Connie	Terning, Wanda
Quinn, Reagan	Thompson, Wayne
Rasmussen, Brett & Lisa	Ullom, Caroline & Joe Carroll
Rasset, Gary & Robyn	Ullom, Steve & Christine
Rathe, Dave & Sue	Van Horn, Lee K. & Lori
Read Tim, & Mary Jo Loncorich	Verby, Steve & Joyce
Reed, Mark & Lynn	Von Eschen, John & Patricia
Rettke, DuWayne & Janet	Walker, Lyle & Georgiann
Rettman, Georgia	Wallace, Bruce J.
Rickeman, John & Donna	Walls, Sue
Rogers, John & Brenda	Wanzek, Denny & Pat
Roiger, Randy & Angie	Ward, Jean & Steve
Rothstein, Dan & Abby	Wendinger, Leon & Shirley
Ruschmeyer, Vernon & Renee	White, Michael & Karon
Saber, Tony & Terry	Wick, Karen & Richard
Samson, Kalin & Nancy	Winter, Dean & Kimberly
Sandstede, John	Wolf, Gary
Schafer, Delaino & Suzanne	Wood, Mark & Lynn
Schierman, Mark & Wendy	Woolverton, Paul & Rebecca
Schmit, Mark & Jim Bottema	Wosmek, Michael & Sandra
Schroeder, Doug & Kathy	Zender, Gregg
Schuette, Dennis & Sandra	Zieman, Dale & Shari