

Lake Shamineau Association Newsletter

Newsletter No. 31

SPRING 2017

Association spring membership meeting May 27

The spring membership meeting of the Lake Shamineau Association will be held Saturday, May 27th, 9:00 at Lincoln Evangelical Free Church.

The Association pre-meeting time will include slides of photos showing water levels past and present that property owners have submitted. A scanner will be available for anyone wishing to submit more photos.

High Water Property Owners' Impact Assessment surveys will also be collected and used for the drawing of fabulous door prizes.

Membership volunteers will be on hand before he meeting for membership renewals as well.

Lincoln Evangelical Free Church is located 1354 320th Street, Cushing, MN 5644. Thank you to the church for letting the Lake Association use their facility at no cost.

"Then & Now" photos wanted

Efforts by the Lake Shamineau Lake Improvement District (LSLID) and the Highwater Committee are underway to gather background information on the continuing high water problems that are plaguing Lake Shamineau. One of those efforts is to collect photographs that show shoreline water levels in the past compared with current photographs, demonstrating the changes that have taken place.

Please send any photos you have that show your property in the past with lower lake levels. Also wanted are current photos from a similar perspective that show the difference



with the higher lake level. Scanned/digital copies can be sent by email to LakeShamineau@gmail.com. Hard copies can be mailed to Lake Shamineau Association, PO Box 152, Motley, MN 56466. If you bring copies to the Membership Meeting May 27, someone will be there to scan your photos for you. Photos received before May 26th will be included in the slide show at the meeting.

Lake Shamineau Association Membership Meeting

Saturday, May 27, 2017 9:00 AM

Lincoln Evangelical Free Church

Agenda

- Pre-Opening Membership renewals; Lake Level Past & Present Photos; Water Level Surveys
- 2) Call to order 9:00
- 3) President's Welcome
- 4) Open forum 15 minute time limit
- 5) Secretary's Report
- 6) Treasurer's Report
- 7) President's Report
- 8) Committees

Fishing

Water Quality

Membership

Loons & Wildlife

Communications

- 9) LSLID Report
 - a. Milfoil Removal
 - b. High water
- 10) Election of Board Members
- 11) New Business
- 12) Fabulous Door Prize Drawing (Drawn from submitted surveys)
- 13) Adjourn

High Water Property Owners' Impact Assessment

Please complete the impact survey to help the LSLID gather information on high water effects. There is a paper copy included in this newsletter or an easy to fill in online copy on the Association website.

Each completed survey response will be entered in the drawing for fabulous door prizes at the May 27th Membership Meeting. Must be present to claim prize.



Lake Shamineau Association P.O. Box 152 Motley, MN 56466

http://minnesotawaters.org/lakeshamineau

Mission Statement: The Lake Shamineau Association is an organization dedicated to lake conservation, to wildlife habitat, to building of community.

Board Members

President: Dave Graning, 763-261-4812 Vice Pres.: Tim Swanson, 651-698-8246 Secretary: Sandy Williams, 651-487-7916 Treasurer: Pat Held, 218-575-2400 Mark Frisk, 218-352-6697

Duane Hendricks, 763-286-6500 Bob Ingle, 612-759-6711 Randy Kevern, 218-575-2844 Jacquie Rognli, 763-441-7239 Kim Salisbury, 218-575-2097

Committees

Communications: Newsletter & website-Jacquie Rognli; Secretary-Sandy Williams Fishing: Rick Rosar Ice Damage & Jacking: Deryl Ramey Membership: Kim Salisbury Water Quality: Al Doree; Bob Koll Lake Level: Dale Williams, Daryl Ramey, Dave Graning

Loons & Wildlife: Diane Schroepfer

Lake Improvement District

Fred Comb, Treasurer, 612-840-0709 Bob Koll, Chair, 218-296-2933 Cindy Kevern, 218-575-2844 Dale Mashuga, 218-575-3040 Rick Rosar, 612-709-6402

Membership

The membership year for the Lake Shamineau Association is June 1 to May 31. Annual dues are \$20.00. Three-year membership is \$55.00. Non-property owners can join for a \$10.00 associate membership.

Donations

The Lake Shamineau Association is a 501C3 non-profit institution. Donations and dues are tax deductible with your check as a receipt.

<u>Meetings</u>

Association meetings are held the Saturday of Memorial Day weekend and the Saturday of Labor Day weekend.

<u>Newsletter</u>

The newsletter is published two times a year. Deadlines are July 15 & April 15. Submissions can be sent to Jacquie Rognli, editor at LakeNewsletter@msn.com



President's message

By Dave Graning, Lake Shamineau Association President
Greetings to all. I hope the mild winter was kind to
you, and with the early ice-out, our spring and summer

seasons will be a few weeks longer than usual. We should have a very interesting spring meeting with the lake level, and associated issues being the main focus. Along with several other interesting topics, we also will have elections for some board members and officers so if you have an interest in serving, your participation would be very welcome.

I look forward to seeing you on Saturday May 27th and wish you all a safe and fun filled summer.

Dave Graning

Lake Association board openings available

Members are encouraged to consider volunteering to run for a position on the board. A term is three years. Meetings are about three times a year, with email communications in between. Terms are expiring for Randy Kevern, Dave Graning, Kim Salisbury, and Sandy Williams. Kerry Kupferschmidt has resigned as they have moved.

Association is member of advocacy groups

The Lake Shamineau Association now holds memberships in Minnesota Lake and Rivers Advocates and Conservation Minnesota. Both of these non-profit organizations are working for our lakes through education and lobbying efforts at the legislature. As a member of the Lake Shamineau Association, you are supporting their efforts.

Minnesota Lakes & Rivers Advocates



Our Mission:

To protect Minnesota's lake and river heritage for current and future generations by forging powerful links among lakes, lake advocates, and policy makers.

We...

- Lead in efforts to fund and implement a comprehensive statewide plan to halt the spread of Aquatic Invasive Species.
- Work to reform lakeshore Property Taxes to protect lakeshore from overdevelopment and to keep the lake legacy affordable for future generations.
- Strive to protect surface Water Quality in Minnesota with information and policy priorities.
- Work with policy makers to advocate Aquatic Habitat measures, and work with Lake Association members to implement aquatic plant management.
- Lead in advocating for strong Shoreline and Forestland Stewardship incentives.
- Offer Legacy Seminars to help ensure the treasured family heritage of time at the lake or in the woods with family can continue for generations to come.

http://mnlakesandrivers.org/

Conservation Minnesota



Our Mission:

Protecting the Minnesota You Love

From our four "real" seasons to our 10,000 lakes, the Great Outdoors defines life here. It is where many of our

most cherished memories are created with family and friends. Passing our experiences and traditions on to our children, being good stewards of our land and lakes — these are values that we all share. At Conservation Minnesota, we turn your love of Minnesota's Great Outdoors into the laws that protect it. And we provide reliable information to help you make important decisions for your family, community, and future. https://www.conservationminnesota.org/

Voice your concerns for our waters

Do you think Minnesota waters need more protection from invasive species and pollutants? Do you think the state should provide funding for milfoil clean up? Take action! Contact your legislators and tell them how you feel. Sample letter and tips for letter writing can be found on the Minnesota Lakes & Rivers Advocates website: http://mnlakesandrivers.org/take-action. Find out how to contact your legislators at the state Legislative Coordinating Commission website:

http://www.gis.leg.mn/iMaps/districts/. Just enter your address and you will see all of your state and national representatives and senators. Click on them to find out more about them and how to contact them. 2

Water Quality Report



Ice Out: April 4, 2017

- The lake level gauge was installed on April 25, 2017. The reading was 1276.09 feet above sea
- April 5, 2017 the gauge reading was 1276.17 feet. The ordinary high water level (OHWL) is 1275.1
- Water quality testing will start May 15th. 2



Membership Report as of April 26, 2017

By Kim Salisbury

Happy Spring...I hope this note finds you all well and you had a good winter. I am sure many of you are busy with docks, boats, vards, and many other things that spring brings. We welcome new families to the

lake and wish all the best to those who have left.

We had huge success last year with membership renewals. Thank you for your continued support. The board works very hard to provide programs and education so that we all can enjoy a better lake.

I also want to thank all the Membership Captains for taking time to reach out to their neighbors. This success would not have happened without YOU!

We have had a couple of captains resign last year due to health or moving away. I am reaching out to all of you to consider covering a area in your neighborhood. No area should take more than a morning or afternoon if we can get more volunteers. It is a great way to get to know your neighbors!

Membership Captains

- East- East Shamineau- Russ Holland (Russ could use another volunteer to help him out on the east side)
- East- Oak Lane Donna Farber
- South -Lake Shore Drive-hoping Jen Buckentine will be able to continue but we could use some help here.
- South- Augers, Arras and Angle- NO CAPTAIN HERE, HELP WANTED. Thank you Pam Gowan for covering this last year.
- South-Hillside and Axis Lane- Tom Heltemes
- South-(3000 and up) Pine View Blvd.- Bob and Cheryl Koll
- South-(2000 to 3000) Pine View Blvd- Dale Mashuga
- West-West Shamineau-NEED HELP! I thank Dan and Doris Amundson for all their help in the past but can no longer continue. I wish them well.
- West- Aztec Road-Bob & Ann Ingle, Pam Gowan, and Sarah Asmas
- North-Ridge Road, 18th Ave, 45th Ave, Armore, Cantleberry, and East Bay-NO CAPTAINS IN THIS AREA, **HELP WANTED**
- If you are interested in helping or have any questions, please call me at 218-575-2097.

One year memberships are \$20, or three year memberships are \$55. Membership forms are on the back page of this newsletter or you can print one off from the website. We will be available at the Spring meeting to take your renewal. REMEMBER, we are a non-profit organization and your dues are tax deductible. Membership signs are available for an

The members on the next page are up for renewal this year. Please continue your support. Thank you! 2

Members up for renewal this year:

Adolphson, David & Mary P Amundson, Daniel Scott Anderson, Lawrence E & Lois V Auger Family Rev Living Trust Auger, Richard & Sharon R Baker, Michael & Lisa Barron, Craiq & Gen Batcher-Janacek, Joan Becker, Tim Belling, Mark & Lisa Bellmont, Robert E & Mary Karen Bemboom, Gerald G & Barbara A Bergman, Kevin S & Irene A Berguam, Theodore Sr & Linda Bisek, Robert & Linda Bollin, Alice Bolnick, David & Jamie Borden, Jim & Rhonda Buckentine, William & Jennifer Cantleberry, Judith M Card, Alan Lee & Linda L Chronquist, Michael G & Mary E Craft, Micahel & Laurie Crawford, Thomas M & Patricia K Dick, James A & Lisa M Dockry, Colin & Kimberly K Dockter, Bradley J & Sharon L Doucette, Russell Doyle, Patrick D Duren, Jim & Donna East, Steven Entgelmeier, Eugene Fagereng, Ricky & Shirley Faust, Rita T Faust, William H & Sandra M Fenske, Ronald D & Cindy

Freeman, David & Mary Granberg, Leland M & Alvina Graning, David W & Janice C Gulland Family Revoc Trust Hagg, Paula Hammond, Wayne Hanley, Lloyd Allen Hanson, Larry & Kristy Hanson, Thomas Hanson, Donald W & Anne E Hanson, Gerald W & Nancy L Heim, James K & Sara L Heltemes, Randy J & Denise M Heltemes, Thomas E & Darlene A Henton.Nicholas J & Deborah M Hermanson, Sue Hindrichs, Paul & Dawn Hintz, Curtis M Hoffman, Nathan & Angela Holien, Michael & Lisa Holland, Russell K & Jill E Holthus, Evelyn Hougo, Michael N & Melanie C Huesman, Michael & Katherine Ingle, Robert D & Anne M Jackson, David J & Donna C Jacob, Richard A & Jean Kathleen Jacobson, John Jans. Glenn E & Jean M Jensen, Dwayne & Pat Jensen, Mark A & Deborah J Jensen, Pamela J. Jex, Richard W & Rosemary A Johnson, Larry E & Lois M

Johnston, Darryl & Jill

Kahler, Wayne H & Susan L Kalis, Denis J. & Laverne Kirchner, Donald & Marijo Kmetz, Emily Koehnen, John A & Sandra Lee R Koubsky, Robert W & Cindy L Kratzke, Gary & Laurel Kupferschmidt, Kerry & Judi Kuta, Patrick & Sherri Lake Alexander Lake Improvement District Lohman, Robert & Carolyn Lubke, Vicki L & Dennis L Lukoskie, Jerry & Laurie Lundberg.Ted C & Billy Jean Macalus.Steve & Nanette Madden, Michael A & Ann K Mashuga, Dale & Cheryl Mashuga, Dale & Cheryl Mattson, Jeff & Marlene R Mitchell, Jess P & Sheryl K Mott, Paul & Judy Mowan, Richard L & Florence S Murphy, Mark J & Jan I Nelson, Arline Neuerburg, Herb & Trudy Parsons. Stephanie Peterson, Dennis Ploof, Galen H & Cheryl A Quiring, Steven & Kathryn Ramey, Deryl L & Nancy J Raymond, Tom & Lisa Riebe, Ron Rinzel, Peter G & Trisha Rittenhouse, David & Monica Robinson, Todd W & Nicole H

Romero, Marge Rosar, Philip & Karen Roske, Cheryl Sabers, Steve & Candace Schmiea.Rob Schneider Family Trust Schulte, Anita L Sendy, Betty J Shaver, Glenn M & Ellen B Shipman, Donald & Nancy Sisk, Harriet Solberg, Peter D Or Mary Ann Solorz, Esther M Sonenstahl, Agnes Sowada, Vern Spilman, Ernest Springer, Amy L Sprouls, Leo A & Diane J Stanoch.Rodnev J Stein, Thomas E & Joyce A Stevens, Michael Sullivan, Ted & Becky Taylor, James P & Martha C Thatcher, James J Unger, Ronald W & Betty A Vogel, Timothy V & Cynthia L Wakeman, John & Julie Weyer, Rupert C & Joan M Wicktor, James H & Carol J Williams, Karsten J & Cherryl I Wilson, John G Wohlert, Lavern & Dolores Zak. Alison L Zak, Ronald Wayne & Juli Anne

Springtime for the birds

By Diane Schroepfer, Loons & Wildlife

Spring bird migration is hard on our avian friends. In their rush to return northward and grab the best territories, the earliest arriving birds often find themselves trapped by late season snowstorms that make foraging particularly difficult. Waterfowl, gulls, and loons can usually tough it out or retreat to open rivers if lakes refreeze. Land birds like robins and Cedar Waxwing that switch over from a winter diet of insects and fruits to primarily an insect/worm/invertebrate diet in spring can survive for a few days on old fruit from last fall or retreat to bogs where warmer soils might provide some bare areas and some forage.

Severe spring cold events that remain for days can wreak havoc with populations of Eastern Bluebird, Hermit Thrush, kinglets, Eastern Phoebe, Tree Swallow, and other early migrants that require insects to survive. Swallows can be seen foraging low over quiet ponds and sheltered portions of lakes and streams during these cold events, taking advantage of hatches of various flies that trout

fishermen know well. But if the temperatures remain much below 40 degrees, the hatches do not occur and the birds find nothing to eat. Purple Martins are especially vulnerable



since they forage high in the air on moths and larger insects and cold winds usually prevent these insects from flying in this zone.

A few species like Pine and Yellow-rumped Warblers will utilize suet feeders in hard weather. Other early arriving warblers and kinglets will seek out the little drilled holes from sapsuckers in our birch-aspen forests

and forage on the insect life attracted to these miniature sugar feeders. Fruit-eating birds like bluebirds and robins will welcome tray feeders with various fruits like apple slices and peaches, brightly colored red berries, raisins, and bits of suet cakes broken up for the birds. If a sudden snowstorm covers the land with more than a couple of inches, shovel out a portion of the yard or woody patch so the snow will melt faster and provide at least minimum foraging areas for migrants like Fox Sparrow and White-throated Sparrow that are heading to Canada to breed.

Scatter some seed in these open patches and you'll have some fine birding as the birds converge on these open areas. If you really want to have fun get some meal worms from a pet store and put them in a dish on a table or the ground and watch the robins and bluebirds flock to the easy pickings. Orioles and hummingbirds will be arriving in the next week or two and appreciate feeders designed especially for them. By June most birds do not require supplemental feeding as there is plenty of wild food around. Summer feeding is for our enjoyment, but not for the birds' benefit. Instead, concentrate on planting some shrubs like serviceberry or flowering vines that attract hummingbirds or even create a water structure like a drip fountain or bird bath that does assist summer birds.

As an added note, loons have started nesting, wood ducks, mallards, hooded mergansers, great egrets, great blue herons, trumpeter swans, our resident eagle, sand hill grains in the south side bogs, and turkeys have all been spotted this spring. Has anyone seen a grouse this year?

2017 Spring DNR fish netting assessment

by Rick Rosar, Fishing Committee chairman

The DNR first contacted me asking for individuals on the lake that could keep them updated on ice out conditions. They were not looking for official ice out, but rather when there was enough ice gone to be able to set their nets in the shallows. Bob Koll, Pat Held, Becky Cantleberry and I told them we would be happy to assist. Once the ice out reports came in, the DNR decided to set trap nets on April 6, 2017 and continue for a week or two depending on if they were still getting fish in the nets.

Four of us met at the landing and we traveled to approximately eight nets. These are trap nets that do not harm the fish and captures them alive. There were a variety of fish species in all of them, including a few turtles and a muskrat. Every time we would pull up to a net, two of us would hold it open while one of us scooped the fish into large troughs on the boat. The fourth guy would control the boat.



Rick Rosar with Ice fishing catch.

For Walleye and Muskie, they were taking more detailed information such as sex, length, weight and if females were ripe with eggs or the males with milt. For the Muskies, they would take one additional step by implanting a device that contained a unique number for tracking the Muskies growth and other statistics. Eventually every Muskie on the lake will have a tracking device. For the other species of fish, we would net them



DNR assessed Lake Shamineau fish this spring.

out of the trough and count each one of them by species.

The DNR had already learned a lot this year. They noticed the Blue Gills and Pumpkin seed had been getting larger the last couple years, as well as the Northern Pike. They could tell that the Crappie had been impacted by the increased harvest over the winter. They weren't concerned about the population, just that some of the larger sized fish had been harvested. The largest Crappies in the nets were in the twelve-inch range, which is still very good.

Some notable fish that were seen were several Walleye that were trapped up to 25 inches. There was one huge Sucker we caught that was around 30 inches in length with a massive head. One net had a 49.5 inch Muskie and one net had a near state record Pumpkin seed, similar to a couple my son Axel and I caught this past winter. There were also a few Bowfin (Dogfish) and yellow and brown Bullheads as well. Early results are showing the all of the species in the lake are doing very well. I will have more to report once they have finished documenting the results of the survey.

Eurasian Water Milfoil 2017 summer report

By Rick Rosar, LSLID Board

On July 5, 2016, four divers traveled to each Global Positioning System (GPS) point noted from previous years' removal coordinates. They also traveled and observed the coordinates that the survey from RMB Environmental Laboratories returned. A map of circled areas of GPS points was sent to the Lake Shamineau Lake Improvement District (LSLID) board indicating what plots had invasive Eurasian Water Milfoil (EWM). A summary of the data was also sent. While travelling between GPS points, the crew members tried to observe the water surface to see if any noticeable plants remained in any areas besides the GPS points. They had indicated they did not see any other locations that had EWM.

On August 11, 2016, three divers again went to each GPS point noted from previous visits' removal coordinates. A summary was sent to the LSLID board to review the results on what areas had EWM and which did not. The crew noted that many of the areas from the first visit in 2016 did again have EWM but also many other areas that did not show signs of EWM on the first visit now had EWM that needed to be hand pulled.

It appears we are keeping up on minimizing the spread of EWM. In 2016, 278 pounds of EWM were

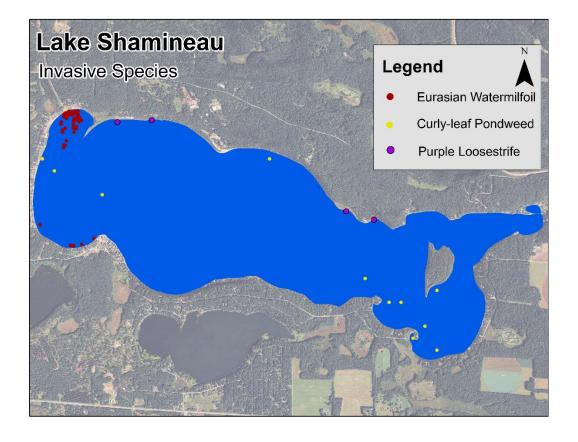
pulled during the first pull and 1070 pounds during the second pull. On some of the dives there were areas that didn't have EWM where there was before, and other areas that didn't

2017 EWM Pulls Schedule:

- June 6
- July 14
- August 8

have it earlier in the year, it was found later. So far, all the EWM is being contained with the majority of it in the northwest bay and a much smaller amount in the southwest bay. We had a third pull or chemical treatment scheduled, but due to the success of the divers, it was determined it was not needed.

We have three pulling projects scheduled for 2017. The first pull will be on June 6th, the second on July 14th and the third pull on August 8th. Please try to stay out of those areas and allow the divers to do their work. EWM has spread sparsely throughout the northwest bay, so we would recommend that water activities be held on the main lake. It is also helpful when traveling in the bay to operate your boat slowly with "No Wake" behind the boat. This will also benefit those properties affected by the high water.





Lake Shamineau Association Fall Member Meeting August 27, 2016

Lincoln Evangelical Church

Board members present: Dave Graning, Pat Held, Sandy Williams, Jacquie Rognli, Mark Frisk, Tim Swanson, Randy Kevern, Kim Salisbury, Kerry Kupferschmidt

Not present: Bob Ingle, Duane Hendricks

Dave Graning, President, called the meeting to order, welcomed the members, and introduced the lake association board members.

Open forum:

Jeff Schmidt mentioned that the west side of the lake missed the Forth of July boat parade. Boats apparently were avoiding the heavier milfoil area in the northwest bay. The association does not sponsor the parade due to liability and is communicated by lake residents on social media.

Treasurer's report: Pat Held reported the balance in our checking and savings accounts was at \$13,421.46. Net income for the period was \$4,474.11. Income was from memberships and newsletter ads; expenses included the newsletter, Minnesota Waters membership and a conference fee. Treasurer's report was approved.

Secretary's Report: Minutes from the fall 2015 Lake Association membership meeting were published in the spring newsletter and a correction was noted. The LID tax was proposed not to be based on the value of the property, but on each parcel of a property owner and each association and deeded access lot. Commercial property owners would be for each parcel and an additional 35% of the residential fee for each rental unit site and cabin. Minutes were accepted as corrected.

Discussion: Jacquie described the differences between the Lake Shamineau Lake Improvement District and the Lake Shamineau Association. Bob Koll indicated that a study of the high water would cost an estimated ten to fifteen thousand dollars. A question was raised about if the Lake Improvement District recommends, and the county rejects the annual report and plan. Kevin Mauer indicated that it is the members that influence the plan and the county takes into consideration what the members have indicated they want.

Fishing: Report from Rick Rosar that bass fishing was good around the deeper weed lines and there were more of the larger northern pike. Also, he is seeing larger bluegill from winter into summer. Mark Frisk asked if walleye stocking has been effective and indicated he was in favor of ending the slot limit. Rick mentioned that he catches walleye in the winter, and that stocking is necessary in all lakes.

Loons: Eleven young have been spotted with ten loon pairs.

Membership: Thanks to over one hundred renewing members. This membership is considered a tax-deductible

donation. The membership committee still needs helpers to visit and encourage memberships.

Guest Speakers:

DNR Area Hydrologist Ken Zeik provided facts about the high water level in Lake Shamineau. The water level is influenced by rainfall and evaporation. Recent years have had heavy rainfall events. Development around a lake that increases the impervious (hard) surfaces also leads to increased runoff into a lake. Ken indicated that a permit to change any potential outlet from the lake requires a vote of one hundred percent in favor. Pumping water would involve the Army Corps of Engineers and 470 million gallons would lower the lake by one foot. A study of possible impacts in the watershed over the years could provide some additional answers to the rising water levels.

County Commissioner Kevin Mauer provided county updates on a variety of topics. He addressed the rules regarding dirt fill in yards, of interest due to the extensive shoreline damage this spring. The rules are dictated by DNR state rules and county ordinances. Fill just moves the water to the neighboring yards. He discussed the county tax levy and budget, to clarify amounts of increases – noting that the county will be debt free in January of 2018. Bog disposal in the county gravel pit is free. The lake association gets a group permit each year to remove a limited size bog by any association member. He mentioned that County Road 1 will have larger shoulders in the next couple of years – it is a ten-ton road. He also indicated the county was doing road culvert studies, elevation studies and mappings in the county.

Ninety-three individuals were present for the meeting. The association meeting was adjourned at 10:50 am followed by the Lake Shamineau Lake Improvement District annual meeting.

Minutes respectfully submitted by Sandy Williams, Secretary 2.

Fall Lake Association
Membership Meeting and
Annual LSLID Meeting
To be held

Saturday, August 26, 2017

(The week before Labor Day)

Lake Shamineau Association Board Meeting Saturday, March 18, 2017, 9:30 am

Little Falls Perkins

Board Members Present: Dave Graning, Pat Held, Mark Frisk, Jacquie Rognli, Kim Salisbury, Sandy Williams

Board Members Absent: Duane Hendricks, Bob Ingle, Randy Kevern, Tim Swanson

Lake Shamineau Lake Improvement District (LSLID) Board Representative: Bob Koll

<u>Treasurer's report</u>: The Profit and Loss Statement for January through December 2016 shows income of \$6,237.90 and expenses of \$2,161.45. Checking account balance is \$669.66 and savings account balance is \$10,485.39. Other asset is a \$2,000 loan to the Lake Improvement District at an interest rate of 4%. Total assets are \$13,155.05.

Sandy made a motion, Jacquie seconded, to have an accountant do a review of the financial records. Motion passed. Pat Held will engage the auditor and have the auditor's report ready for the spring meeting.

Pat suggested that the association establish a matching or limited grant program to assist payment for septic system inspections. Bob asked if the County septic inspections have been free to property owners. Pat will contact Morrison County and see if that inspection program will include the Lake Shamineau area soon.

Membership report: Kim reported that the fall membership drive went well. She indicated that membership signs lost or damaged can be replaced free of charge. When members renew their annual membership, Kim should be notified if a replacement is needed. Our annual membership fee is \$20, and we will continue to emphasize membership and association benefits.

Jacquie suggested we get a list of all property owners from the County to verify our mailing list to be sure we have included all properties and all property owners. Bob will get electronic County list of riparian property owners and Kim will send her mailing list to Sandy to compare the lists. Any additions or changes will be sent back to Kim to update her master mailing list and the master list will be sent to Jacquie for newsletter labels.

Board Elections: Board members' terms expiring include Dave Graning, Sandy Williams, Kim Salisbury and Randy Kevern. Kerry and Judy Kupferchmidt have moved. Kerry will be contacted to confirm his resignation from the board.

<u>Committee Reports:</u> Jacquie will get reports from committee volunteers for newsletter submissions. Deadline is April 15.

LSA membership for Minnesota Waters and the website fee are \$200 and \$125 respectively. Kim made the motion, Mark seconded, that we approve this expenditure. Motion passed. Also, MN Lakes and Rivers is the lobbying effort with the legislature. Individual memberships are \$50 and associations are \$200. Pat moved, Jacquie seconded the association joining MN Lakes and Rivers to support this effort. Pat will sign us up.

LID update: Bob Koll reported High-Water Committee met with a hydrology engineer regarding data to gather before sending out a request for proposal (RFP) for a complete study regarding the high-water level and possible solutions. Morrison County did a survey of the lake level, wetlands on the west side of Aztec Road, and recorded elevations on culverts on 203. January 6, 2017 Jeremy Walgrave of Limnotech met with the High-Water Committee and discussed the feasibility of different approaches. Bob described the history of road construction on the west end. The LSLID created the RFP which is ready to be posted Monday March 20. Due date of proposals from interested companies is April 21, and interviews by the LSLID of those who submitted proposals will be held on May 6. The LSLID would like the study to be completed and presented by mid August.

Lake Level Impact Survey: Bob has received photos of historical water levels on the lake. Those photos will be projected on the screen and copies will be on tables at the spring meeting. It is important to get submissions of the impact of damage from high lake levels to include with the study. To encourage submissions, those who reply either online or at the meeting will be eligible for door prizes. If there has been no impact to a property, a zero impact can be reported. Pat made a motion, Mark seconded, that board members get additional door prizes as we have in the past. Fifty dollars is the limit per board member to spend. Bob gets some door prizes from advertisers including Scandia Valley Vineyard, The Landing, and Pineview Golf gift certificates. Two one year Lake Shamineau Association memberships will also be prizes.

Spring Meeting Plan: A report regarding the high-water efforts, including the progress on obtaining the engineering study will be the main topic on the agenda. Also on the agenda are committee reports including water quality measurements, fishing report, milfoil report, communications, loons and wildlife. Board members, either those expiring who wish to continue and/or new board members will be elected. Kim will ask for volunteers to help with donuts and coffee.

Other Business:

Mark emphasized that we ask members to contact our legislators to express our opinion on getting state funding to help with the cost of controlling invasive species and other water quality issues on the lake – a public resource that is an asset to our state. Mark will submit an article for the newsletter. Jacquie will include information for

contacting legislators with an article in the newsletter about the Minnesota Waters and Minnesota Lakes and Rivers association memberships.

The meeting adjourned at 11:50 am.

Minutes respectfully submitted by Sandy Williams, Secretary 2

Lake Shamineau Lake Improvement District Update

By Bob. Koll, LSLID Chairman

The two state grants we applied for this year (watercraft inspections and aquatic invasive species control) were not granted.



The Aquatic Invasive Species
Partnership Grant for our quad lakes
(Shamineau, Crookneck, Alexander
and Fish Trap lakes) was approved for

controlling zebra mussel migration by monitoring only at the Fish Trap public access. Morrison County is also providing training and equipment through RMB Labs for the monitors of our quad lakes to collect samples to identify potential veligers to be sent for lab testing. The veliger is the microscopic larva of the zebra mussel. It is believed that controlling the growth and spread of zebra mussels may be possible at this early stage of growth. Chuck Ross and Bob Koll have volunteered for Lake Shamineau training and collection. Others are welcome and encouraged to join us.

Because we have money left from last year's Morrison County grant, we will update the brochure this year. There is no financial support for a vegetation survey or a sign update, however.

The Morrison County Commissioners approved our LID. funding methodology. It includes one standard assessment for each parcel owned by a residential property owner including non-commercial properties that have an easement, deeded access or membership in an association or group, which may have access to the lake. Commercial riparian properties will be charged 35% of a standard assessment for each rental unit, in addition to a standard assessment for each parcel owned. This helps include more users of the lake in contributing to the costs of caring for, restoring and preserving Lake Shamineau.

Thank you to the High-Water Committee! Many of these volunteers spent countless hours contacting county, state and other professional agencies, gathering elevation, precipitation and evaporation data as well as collecting vintage photos. They met with environmental engineers to help formulate a feasibility study. This provided direction toward developing our request for proposal (RFP) to aid in selecting an environmental engineering firm for the full study.

Our goals for the High-Water Project include:

• Develop a plan and cost estimate for a long-term solution to mitigate high water levels and potentially reduce the water level to below the original ordinary high water level (OHWL). It will include a summary of regulatory and permitting implications for any potential solution.

- Create a map of culvert inventories, including elevations, which will assist in gaining understanding of the lake outlets, lake inlets, and flowages.
- Prepare a drainage study indicating the flow paths and suggestions for how culvert changes, maintenance of existing culverts or adding new culverts may assist in reducing high water levels.
- Explore funding programs, eligibility requirements and overall funding requirements. Develop an engineering design that can be used to gain approvals and funding.
- Work with lake partners to develop preventative strategies to mitigate high water damage.

The Annual Meeting of the LSLID is Saturday, August 26 after the Lake Shamineau Association meeting at approximately 10:30 a.m. This is one week before the Labor Day weekend. At that meeting, we will review LSLID ongoing projects, approve any new projects, approve the 2018 annual budget, and elect any new directors. Current LSLID board terms will end in 2018. Please consider volunteering to be on the ballot for any of the seats to be open.

Fall Lake Association Membership Meeting and Annual LSLID Meeting

To be held

Saturday, August 26, 2017

(The week before Labor Day)

Lake Shamineau Lake Improvement District (LSLID) Annual Meeting Minutes August 27, 2016

Present: Bob Koll (Chair), Rick Rosar (Vice Chair), Fred Comb (Treasurer), Judi Kupferschmidt (Secretary),

Absent: Dale Mashuga **Next meeting:** TBD

Welcome/Intro

Chairman Bob Koll called the meeting to order at 11:00 AM. He introduced the board members, summarized where we are today, and reviewed the agenda.

I. Treasurer's Report

Fred Comb gave the treasurer's report, explaining that it was our first year so we began with a loan from the Shamineau Lake Association while awaiting distribution of monies from Morrison County tax assessment. A question regarding the revised 2016 budget was addressed. The revision was necessary because the initial budget was based on estimated revenue from 378 parcels. Only 302 parcels were assessed,

Motion was made by Don P. to approve the budget for 2016, seconded by Tim Swanson. There was no discussion and none opposed. So, approved., unanimously.

II. Recap of 2016 EWM Treatments

Rick Rosar reported that scuba divers originally thought chemical treatments would be needed this year due to mats forming. The RMB aquatic vegetation survey found the milfoil quantity was down from last year. So, we did not need to use chemicals. We pulled with divers in July and August. There was discussion if volunteer scuba divers could help with the pulling and it was suggested that we check with the DNR (Chris Jurek) to see about a training for certification.

Someone asked how the milfoil spread and why we don't have the areas roped off. Bob explained that we used grant money for brochures and signs that show where the milfoil is located in Shamineau. We may look into buoys in the future with Morrison County Sheriff approval. Rick Rosar stated that the "littoral area" is water up to 17 feet deep for purpose of these surveys and noted that all of the data from the pulls is on the web for viewing.

III. Public hearing update

Bob Koll gave an update on the August 23rd hearing on proposed changes to the LSLID assessment methodology. He noted the strong support for assessing each parcel of an owner and applying a service charge for each rental unit of

commercial properties, at 35% of the residential parcel rate. The Morrison County Commissioners will decide on September 13th.

IV. 2017 Budget Proposal and Rationale

Fred Comb, Bob Koll and Rick Rosar presented the proposed 2017 budget noting that high water was the #1 concern from the surveys. That issue is represented in the budget. We can't access state or federal grants without an Environmental Engineering Study, at a cost of \$10-15k. It is a high priority for us to gather the data needed for the bidding process. The completed study will include a list of water control recommendations.

There was a question regarding how much the proposed 2017 Budget of \$27,500 would be per parcel. The answer was that it is \$61 per parcel under the new budget and \$91 under the old budget.

Terry Sandstrom made a motion to approve, Phil Rosar seconded the motion and it was approved, unanimously.

Tim Swanson volunteered to help gather the elevations and other data to generate the specifications for the bidding process. Chuck Ross volunteered to work with Tim and others and also with scuba diving.

V. Election of New Board member

Bob Koll nominated Cindy Kevern to the board position vacated by Judi Kupferschmidt. There were no other nominations. Nancy Hanson's motion to approve Cindy Kevern was seconded by Cheryl Koll and passed, unanimously. Cindy Kevern was elected to the LSLID board.

VI. Other Business

There was a question about treating zebra mussels. Morrison County representatives said they are watching several pilot projects carefully.

VII. Adjourn

Tim Swanson made a motion to adjourn, seconded by Pat Held and the meeting was adjourned. Note: Next Annual Meeting date will be after the SLA Fall Meeting, Saturday of Labor Day weekend. *

*No motion was passed to allow the annual meeting to be held in September, so the 2017 annual meeting will need to be held before Labor Day weekend. Meeting was later scheduled for August 26, 2017.

Lake Shamineau High-Water Ad-Hoc Meeting October 22, 2016

St Cloud Perkins

Present:

Bob Koll, Dale Williams, Cindy Kevern, Pat Held, Tim Swanson, Mike Fedde, Al Doree, Dave Graning, Jen Buckentine, Chuck Ross, Jacquie Rognli, Randy Kevern. **Guest:** Justin Klabo.

Meeting Notes

Welcome/Intro

Dale Williams, chair of the High-Water Committee, began the meeting by reviewing the agenda and discussing the purpose of the meeting. Introductions were made by each participant.

Dale noted that he had discussed with Bob Koll the involvement of the LID and Lake Association regarding the High-Water Project. They had agreed that this project was important to the lake owners and will require the involvement of the LID, the Lake Association and the Water Committee.

Bob Koll, chair of the LID, noted that the LID has the funds and taxing authority to move forward with the High-Water Study. He also felt it was important to explore whether there are things that could be done that would impact the high-water problem and alleviate the damage to the lake owners. Bob stated that he appreciated the high attendance at the meeting so there could be a joint effort to complete the tasks.

Discussion

Following were discussion points from the meeting:

1. Update of work to analyze related to watersheds and Lake Shamineau relative to Inflows and Outflows Bob Koll initiated the conversation by reporting about the culvert analysis that is in process of completion, and noted that the engineer at the County has been very helpful. Bob handed out some preliminary elevation data and reported that the County is not yet ready with the culvert report which will include an analysis of water flow which could be helpful information in determining a solution. Bob also mentioned that he has talked with landowners to the West of the Lake that are amiable to increasing flow out of or through their property. There is also discussion regarding a possible blockage to the flow out of the lake on the West end (Aztec Road) that may be a result of road or other work that was completed in the past. The West side of Aztec Rd. is a wetland and the ditch to the West drains toward US#10 and toward Fish Trap Creek.

There was general discussion of the flowage and lake level problem with the following points:

• The committee isn't aware of public information relating to drainage of Agricultural land and the impact drainage may have on Shamineau. There were

- questions about the extent of drainage of farmland in the eastern part of the watershed and what effect this drainage may have on water flowage into Lake Shamineau.
- There was much discussion regarding Aztec road and whether there may be some options to improve drainage out of the lake.
- There was discussion regarding the flow of the water coming in from the East which should be flowing to the West and South (CR 203). Justin Klabo, AE2S, provided a map showing the water elevations and flowage and provided some information regarding the water drainage to the South West through Lake Lena.
- We also discussed a culvert or pipe in the area of Daryl Ramey's, the former Tesch's Resort, to provide a better outlet because of the elevation readings, lower than Lena Lake.
- Justin Klabo also reported that to change or alter the
 water flowage which may include a control structure
 or added converts may be possible to complete with
 permits and working closely with the DNR and
 county officials.
- There was discussion regarding the issuance of an RFP to select a vendor to complete a water feasibility study and analysis. Bob mentioned that this study would be required to enable access to grant money for completion of any work. The group agreed that the study is important and should be completed as soon as possible.
- Bob also mentioned that he has made contact with the MNPCA so they are aware of the high-water issue and the study that may be completed.
- There was discussion of the possible need to have 100% agreement of lake owners to make changes to alter the flowage. It was agreed that follow-up will be required with the DNR to better understand this possible requirement.
- It was also noted by the group that reaching out to the DNR and the County to work with them regarding any options or solutions will be key to completion of the project.
- Bob reported that he was attending a County Board meeting on October 25 to report on the LID budget, which includes funds for the High-Water Study.

2. Volunteer Committee Members to check elevation Levels

 It was noted that most of the information that is needed has been completed and that no further work at this time is required. The Soil and Water Conservation district will be completing their aerial photography elevations for the Agricultural Buffer Law and share the data with us within a couple of weeks.

3. Research annual rain and evaporation amounts as far back as available

• It was reported that Al Doree has lake level information back to 1992 and Mike Fedde recently reported information in the Lake newsletter. It was noted that it will be helpful to consolidate this information for the analysis. Ken Zeik will also share his historical information on rain and evaporation as far back as available.

4. Volunteer committee to work on grants after completion of the study

 It was agreed that grant work cannot begin until after the study and Bob noted that Nancy Hanson has experience with completing grants and may be very helpful to this process. We will also need additional volunteers to assist.

5. Seeking information regarding damages that lake owners have endured

- There was discussion regarding the need to get as much information as possible from lake owners regarding the costs that they have incurred as a result of lake shore damage. This information can be used in seeking grants and in reporting to the County. Jacquie noted that she could develop a survey to send out to lake owners. It was noted that the survey will need to be mailed and to receive a high return an incentive prize (funded through the Lake Association) should be given. It was also mentioned that it would be helpful to get pictures from the lake owners that shows the damage. Jacquie will work with Bob and Dale regarding the survey.
- Jacquie also noted that it would be helpful to update all
 of the Lake Association members on High Water Project
 by posting notes and other information on the website.
 Dale agreed to provide a summary of the High-Water
 project to Jacquie for posting on the website.

6. List of Engineering Firms for the Study

• It was noted that Rick Rosar has contacted several contractors, (Justin Klabo, AE2S and Jeremy Walgrave, Limno Tech) and has developed an extensive list of possible firms with assistance from the DNR. Rick may also have information on a web site to post our RFP so Environmental Engineering firms can bid on our RFP.

7. Volunteer Committee to work on the RFP

 The group discussed the need to develop an RFP to select a vendor to complete a feasibility study for

- possible solutions to the High-Water problem on Lake Shamineau.
- The group discussed that as part of the study, the vendor should be required to review and provide information on other similar lake projects and solutions that have been developed. The vendor should be required to have a discussion of the options with the DNR to get input to ensure there is buy-in. The study should include a review of all options including mitigation of water flowing into the lake, options for increased flowing out of the lake and options for pumping from the lake. It was also noted that the information already received from the vendors regarding scope of work could be a starting point for development of the RFP.
- If timing of funding for the LID is an issue, the Lake Association would be able to loan funds to the LID in advance of receiving revenues from the County.
- There was discussion about the requirements for posting of the RFP and structure. Bob noted that more information may be required from the DNR regarding these requirements.
- Cindy Kevern and Tim Swanson volunteered to complete an initial draft of the RFP.

8. Group recommendation for moving forward

• Tim Swanson made a motion to have the LID, with the input from the High-Water Committee, move forward with the development of an RFP and selection of a vendor for completion of a study on the High-Water problem on Lake Shamineau. The motion was seconded by Dave Graning and the group was unanimous in agreement.

9. Next Steps

The group summarized the next steps as follows:

- Bob will work with the County to receive the final culvert report.
- Bob and Cindy will follow-up with the DNR to better understand the requirement for 100% agreement for changed to the Lake flowage and to understand any requirements regarding the issuance of the RFP.
- Jacquie will work with Bob and Dale to issue a survey from lake owners regarding the costs that they have incurred as a result of lake shore damage.
- Dale agreed to provide a summary of the High-Water project to Jacquie for posting on the website.
- Cindy and Tim will work on an initial draft of the RFP.
- The LID will work to finalize and issue the RFP, and select a vendor to complete an Environmental Engineering Study and a list of solutions.

Please complete the High-water Impact Assessment Survey online at the Lake Shamineau Association website or the paper copy enclosed in this newsletter.

Shamineau High Water Committee Meeting

January 7, 2017 10:00 a.m.

Caribou Coffee St. Cloud

Present: Jeremy Walgrave, Tim Swanson, Nancy Hanson, Dale Williams, Jen Buckentine, Sandy Williams, Al Doree, Chuck Ross, Dave Graning, Don Ogilvie, Bob Koll

Meeting Notes

Jeremy and Bob reviewed the historical lake level data and some historical photos, illustrating difference in water level and development over time.

The group discussed damages caused by the rising water levels: shoreline ice jacking/erosion, cabin/home flooding, cracked foundations and walls, landscape damage, habitat and tree loss, and compromised/failed septic systems.

Jeremy listed options: do nothing, stabilize/protect shoreline, re-route inflows, build/reconstruct outlet, build pumping station, irrigation, home buy-outs.

Jeremy recommends: find clogged and buried culverts, and drainage pattern blockages along the southeast to west area of the lake (south side of CO. 203 Bugle Rd. to Hwy. 10); research road construction and grading records in this area over the last 50+ years; physically walk this area; take aerial high resolution photos of the area where the watershed is flowing into the lake where it historically drained toward Fish Trap Creek and the Long Prairie River.

Jeremy also recommends walking and, taking aerial high resolution photos of the south end of CO 202 (Aztec Rd.) in the area of the former Tesch's Resort, currently Deryl and Nancy Ramey's property. There are several questions that need to be resolved. Are there water flow blockages of the wetland on the West side of Aztec Rd. preventing natural flow toward Hwy.10 and South? Are there blockages on the South side of CO 202 or Aztec Rd. blocking flow to the south? What was the elevation of the Aztec Rd. area back in 1920, before Hwy. 10 was built along the lake. In 1932 Hwy. 10 was straightened out and the old state highway became CO. 202. Was there a culvert in that road to allow lake water to flow to the wetland to the West when the road was initially built or did the road become a dam preventing the natural flow of the watershed?

The buffer study may show some of this area, currently. Terry Sandstrom mentioned that there is a buried culvert just south of the Friendly Inn which may be blocking some flow. Terry delivered the buffer study data and photos.

We presented them to Jeremy for study and interpretation at the meeting. (Lots of material including over 270 some culverts)

Chuck Ross's brother has his drone license with the FAA. He can fly it in a 4-mile radius and take detailed high resolution photos. The environmental engineering firm we hire must have this type of equipment and include elevation readings.

In 1972 we had 17" of rain in 24hrs., creating flooding in much of our low land in this area and south toward Randall.

Dave Graning said many of the riparian property owners along the South shore of Shamineau were given money from the DNR to raise their cabins. We are thankful, but wonder why the money was given at that time and not available now? Ken Zeik, can you research that for us? Since that flood and for several years after, the water returned to lower levels each fall. The last 20 or so years the water level has been rising. Lake level has been 1-2 feet over the OHWL since 2011.

Next Steps: Jeremy will review the Buffer Study of Scandia Valley Township roads and culverts. He will write a technical memorandum summarizing our information, evaluations and recommendations. This will include potential options for mitigating high water levels and associated damages as well as potential permitting implications. He will also include significant points, reflecting our needs, for an appropriate RFP. He recommends collecting any pictures of the lake from property owners dating back as far as possible. Fred, we know you have some that would be very helpful.

Jeremy thought he could get his work done in about 2 weeks or by the end of January.

Also, we need to get a survey out to our property owners listing their losses and prevention expenses due to high water, ice-jacking and wind/wave damage (rip rap, shore repair, aeration, etc.) to assist us in any grant applications. Jacquie, will you please send such a survey to our property owners and include a request for historic lake photos?

The LID Board will then need to agree to post a RFP. The committee proposes early February or March for the posting.

Thanks to all for your support! Stay warm out there!
Bob Koll



Steve Zahler constructed 12 of this signage showing locations of aquatic invasive species for the public and private accesses on each of the QUAD Lakes (Shamineau, Crookneck, Alexander, and Fish Trap lakes). Adolph Rabe, Steve's Grandson, Chuck Schiemo and Bob Koll helped Steve install five of them September 23, 2016 at the west end Lake Shamineau public access, Auger's resort, Crookneck Lake public access, Fish Trap Lake public access and Sweet Water Resort private access. The east Lake Shamineau Scandia Valley Township access sign post was installed earlier.

Bowfin (Dogfish)

By Minnesota Department of Natural Resources

A medium-sized, greenish fish, the bowfin can be found in clear lakes and slow streams through much of Minnesota. Bowfin survive in murky, oxygen-depleted water by rising to the surface and gulping air into their air bladders. They can also survive out of water for a considerable time. This primitive fish was around when dinosaurs roamed the earth. It is also known as a dogfish.

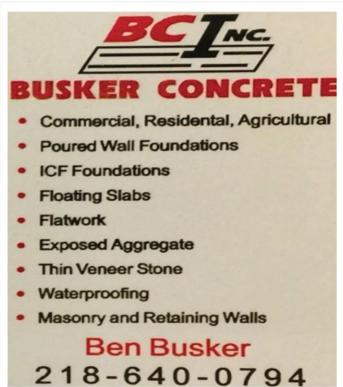
The bowfin is a tubular, olive-green fish with a scaleless head and two barbels on its face. Its dorsal fin stretches most of the length of its back. Males have a black spot circled in green at base of their tail.

A farmer once found a **live** bowfin in moist soil when he ploughed a field that had been flooded a few weeks before. In recent years, fish farmers have shown interest in making bowfin eggs into caviar.



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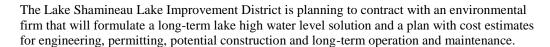
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Lake Shamineau High Water Property Owners Impact Assessment

Lake Shamineau has seen continuously rising water levels for several decades which is negatively affecting the lake and property around the lake. The Lake Shamineau Association and Lake Shamineau Lake Improvement District are interested in understanding the causes of the lake level increases. They seek a long term solution to protect the quality of Lake Shamineau and to protect property from further damages.





In an effort to gather information for potential DNR Flood Damage Reduction Grants, property owners are requested to complete the following survey. Photographs are also being sought. If you have historical photos which illustrate lake level changes, please email them to: <u>LakeShamineau@gmail.com</u>. Or bring them to the Spring Membership Meeting to be scanned on Saturday, May 27, 2017.

Required
Name *
Email
Lake Property Address or PID *
Effects on your property
How has your property been affected by the high water levels of Lake Shamineau? Check
all that apply. Shoreline erosion Loss of trees Wildlife habitat destruction Icejacking Aquatic vegetation changes Wave/wind damage Damage to cabin or house Reduced water clarity due to erosion
How serious would you rate the effects?
(Minor) 1 2 3 4 5 (Serious) Describe the changes you have seen in lake levels.

Perhaps you have already invested money in your property in an attempt to prevent or repair damages, such as landscaping, rain water management, shoreline repair, aeration, or property repairs.

How much would you estimate that you have spent on any of the following expenses due to high water level?

	\$0-\$99	\$100- \$499	\$500- \$1,999	\$2,000- \$4,999	\$5,000- \$9,999	\$10,000- \$14,999	\$15,000 +	\$100,000+
Shoreline repair								
Landscaping								
Aeration								
Dock repair								
House or Cabin								
repair								
Dock repair								
Septic repair								
Well repair								
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Please submit your survey by May 27 to be part of the door prize drawing.

You can submit your survey in any of the following ways:

- By completing the survey on the web at: https://goo.gl/forms/EjH9dJ6yRxXeiOeq1
- In person at the Spring Membership Meeting Saturday, May 27, 2017, 9:00 AM at Lincoln Evangelical Free Church.
- By mail to PO Box 152, Motley, MN 56466.