

Lake Shamineau Association Newsletter

Newsletter No. 27

SPRING 2015

Spring meeting May 23 at earlier time

The spring membership meeting of the Lake Shamineau Association will be held Saturday, May 23 at **8:30 AM** at Lincoln Evangelical Free Church.

Beginning at 8:00 AM before the meeting will be time for membership renewals. Rolls, coffee and juice will be available.

The business meeting will be very short (see agenda at right) in order to adjourn in time for the start of the Shamineau Lake Improvement District Public Hearing that begins at 9:00 AM.

Election of Lake Shamineau Association Board members will be held. Door prize donations from the Scandia Valley Vineyard and Winery, Pine Ridge Golf Course and prints by artist Kerry Kupferschmidt will be awarded. A slide show of photos showing ice damage will be shown before the meeting begins. Send any pictures to <u>LakeShamineau@gmail.com</u> before May 20th to be included in the slides.

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.

Public hearing 9:00 AM May 23

The Lake Shamineau Association has submitted an application to form a Lake Improvement District (LID) for Shamineau. A public bearing on the proposal will be held Saturday. May 23, 0:00 am at L

Lake Shamineau Association Membership Meeting Saturday, May 23, 2015 Lincoln Evangelical Free Church <u>Agenda</u>

- 1) Pre-Opening Membership renewals
- 2) Call to order 8:30
- 3) President's Welcome; Recognitions
- 4) Minutes of Fall Meeting
- 5) Treasurer's Report
- 6) Election of Lake Board
- 7) Adjourn

9:00 AM Morrison County Public Hearing for the establishment of the Shamineau Lake Improvement District

hearing on the proposal will be held Saturday, May 23, 9:00 am at Lincoln Evangelical Free Church. The Morrison County Board of Commissioners will be holding this hearing for the purpose of listening to comments from the public.

A LID is a special-purpose district formed around a lake in accordance with Minnesota Statutes. It is a local unit of government established by resolution for the implementation of defined lake management projects and for the assessment of the costs. Property owners elect the governing board of the LID and pay an annual assessment fee to pay for projects that the LID chooses for Lake Shamineau. Citizens benefit from greater local involvement in the management of their own lake. The Shamineau Lake Improvement District will empower property owners to decide on what is best for their lake with less government involvement.

Morrison County has the power to establish the LID and, if approved, will manage the property assessments and accept the annual proposal and reports from the LID. There must be an annual meeting of the LID for property owners that the elected Shamineau LID board represents. If approved, the earliest funds would be available for the Shamineau LID to use for projects would be 2016. Preliminary budgeting has been estimated with \$35.00 to each riparian property owner no matter the number of parcels.

A copy of the proposal for the Shamineau Lake Improvement District submitted to the Department of Natural Resources and Morrison County can be found on pages 3-4 of this newsletter.

Fish Trap Lake, Crookneck Lake and Lake Alexander already have had their own LIDs for some time to help with projects like controlling curly leaf pond weed, Eurasian Water Milfoil, floating bogs due to high water levels and education programs.

The Lake Shamineau Association appreciates the efforts of the volunteers who have been working on establishing the Shamineau Lake Improvement District: Bob Koll, Jen Buckentine, Pam Carter, Cindy Kevern, Mike Fedde, Cindy Fenske, Fred Comb, Dave Graning, Randy Heltemes, Bob Ingle, Jodi Jordan Huffman, Jane Kramer, Phil Rosar, Rick Rosar, Brian Salisbury, Bill St. Martin, Mic Wilhelmson, Pat Held, Sandy Williams, and Jacquie Rognli.



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: Randy Heltemes, 612-308-2245 Vice President: Rick Rosar, 612-709-6402 Secretary: Sandy Williams, 651-487-7916 Treasurer: Pat Held, 218-575-2400 Al Doree, 218-575-2404 Mike Fedde, 651-452-2966 Dave Graning, 763-261-4812 Bob Ingle, 612-759-6711 Randy Kevern, 218-575-2844 Bob Koll, 218-575-2577 Judi Kuperschmidt, 651-308-3962 Jacquie Rognli, 763-441-7239 Jane Kramer, 507-477-3693 Brian Salisbury, 218-575-2097

Committees

Communications: Newsletter & website-Jacquie Rognli; Sandy Williams Fishing: Rick Rosar Ice Damage & Jacking: Deryl Ramey Membership: Bob Ingle Water Quality: Al Doree; Bob Koll

<u>Membership</u>

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. <u>member5hi9@gmail.com</u>

Donations

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

Meetings

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

NOTICE OF PUBLIC HEARING TO HEAR INPUT ON THE

PROPOSED LAKE SHAMINEAU LAKE IMPROVEMENT DISTRICT

You are hereby notified that a public hearing will be held by the Morrison County Board of Commissioners at the

Lincoln Evangelical Free Church, 1354 320th Street, Cushing, MN 56443 On May 23rd, 2015 at 9:00 A.M.

Purpose of Hearing: to provide an opportunity for comment on the creation of a Lake Improvement Districtinvolving the Riparian (Littoral) land owners around Lake Shamineau, MNDNR # 49-012700, for thefollowing purposes: Aquatic Invasive Species and other non-native or native species control (i.e. Eurasian water milfoil, purple loosestrife, curly leaf pondweed, zebra mussels and others known or unknown, whether plant or animal.), funding boat and trailer inspections, cleaning and decontamination, and other prevention methods, analyzing high water levels; examining lake outlet problems, and monitoring water quality and lake contamination problems.

The Lake Improvement District through the authority of MN Statutes 103B.501 through 103B.581 would have powers to conduct programs of water improvement and long term aquatic plant management. The program will be financed by special assessments imposed on riparian (littoral) land owners and will increase your taxes.

Before the May 23rd, 2015 Public Hearing, any interested person may file objections to the formation of the district with the County Auditor. At the hearing, any interested person may offer objections, criticisms, comments or suggestions about the necessity of the proposed district and how the person's property will be benefited or affected by the establishment of the district.

The establishment of the proposed Lake Improvement District requires review by the Commissioner of Natural Resources and the approval of the County Board.

Concerned citizens may submit evidence at a public hearing to be held prior to the passage of any resolution establishing the proposed lake improvement district. Concerned citizens may also submit evidence and opinions to the Commissioner of Natural Resources. A copy of the document, for the establishment of the Lake Improvement District is available for public review at

the Morrison County Government Center, Auditor's Office, 213 1st Ave. SE, Little Falls, MN 56345.

Citizens may call for a referendum on the question of whether or not to establish a Lake Improvement District by filing a petition requesting such a referendum. The petition shall be signed by 25 percent of the land owners within the territory of the proposed district, who are Minnesota residents. Upon receipt of such a petition prior to the effective date of creation of the district, the County Board shall hold the creation in abeyance pending the referendum vote of all qualified voters residing within the boundaries of the proposed district.



April 9, 2015 Ten days earlier than average.





May 5, 2015 1275.59 feet above sea level or 7.08 inches about the ordinary high water level (OHWL).

Public Hearing Guidelines

The main purpose of this meeting is to obtain citizen input about the Shamineau Lake Improvement District. To facilitate the process and to make sure that everyone who wishes to speak has an opportunity to do so, the Commissioners ask that the following rules be followed:

RULES OF ORDER

- 1. If you wish to speak, raise your hand or stand. After the Chairperson recognizes you, you may move to the microphone.
- 2. All persons wishing to be heard must come to the microphone. They must give their complete name and address. The Board asks that you limit your comments to no more than 3 minutes. After 3 minutes the Board Chair will ask you to wrap things up and bring your comments to a close. If the views of a group are being expressed, one spokesperson is asked to speak, as the group representative.
- 3. All Comments must address the County Board and all questions must be directed to the Board Chair.
- 4. Speakers may use specific examples to illustrate their point of view, but without an opportunity to review all information, staff may not be prepared to answer all questions.
- 5. Questions or comments from the audience are not allowed without having been acknowledged by the Board Chair.
- 6. The Board reserves the right to question any speaker regarding their comments. The Board also reserves the right to question staff regarding any comments made at the hearing.
- 7. At the conclusion of all testimony, the public hearing will be closed.

These guidelines are intended to outline the process, preserve the order and give everyone the opportunity to speak. **The Commissioners ask that the opinions of everyone be treated with respect. No interruptions please.** Everyone who wishes to speak will have an opportunity to do so.

Only testimony or questions relating to the Ordinance will be discussed. All other comments will be referred to the appropriate agency or department.

Lake Shamineau Association Proposition for Lake Improvement District March 5, 2015

Description of land and water problems

The Lake Shamineau Association believes that a Lake Improvement District (LID) is the best way to fairly and effectively confront our existing and potential lake problems. With this mechanism, Lake Shamineau will be able to recognize lake problems and act to correct them without relying on unpredictable voluntary funding.

Threats like Eurasian Water Milfoil, Curly Leaf Pondweed, Zebra Mussels, and other non-native invasive species, pollution, shoreline erosion, high water levels, ice jacking and more are threats which should be dealt with early before they become a serious problem. The LID will be working with water oriented businesses as well as all levels of government officials to find solutions to these problems. A LID could provide a responsible approach to maintenance and correction. It could continue and expand the work begun by the Lake Shamineau Association as it becomes impossible to fund this essential work with voluntary contributions.

Lake Association efforts

The Lake Shamineau Association was organized in 2001 with a mission to be "*dedicated to lake conservation, to wildlife habitat, to building of community.*" The Association has been working hard to build community support for projects to care for the quality of the lake. We have a long active citizen lake monitoring program, have developed a lake plan, done vegetation surveys, Eurasian Water milfoil removal, Trophic index studies, sponsored and supported lakeshore restoration projects, partnered with Morrison County and the Minnesota Department of Natural Resources on several projects, and continue an education and information effort through guest presentations, bi-annual newsletter, website, and Facebook. Most of this is documented on our website, <<u>http://minnesotawaters.org/lakeshamineau/</u>> including newsletters, minutes and the following documents and reports:

- Aquatic Vegetation June 2005, MN DNR
- <u>Shoreline Assessment, August 2007, Morrison County Planning & Zoning, Soil & Water Conservation, and MN DNR</u>
- 2014 Eurasian Water milfoil Mapping Survey, June 30, 2014, Freshwater Scientific Services, LLC
- <u>Recorded Lake Water Level Data 1956-2015, MN DNR</u>
- <u>Trophic Status Index Mapping Flight Report, 2012, A.W. Research Laboratories, Inc.</u>

- Fisheries Lake Survey, 7/26/2010, MN DNR
- Summary Information on Assessments, Monitoring Data, Water Quality, Transparency, Land Use, <u>Minnesota</u>
 <u>Pollution Control Association</u>
- Lake Management Plan, 2011 Revision, Lake Shamineau Association
- <u>RMB Environmental Laboratories, Inc. Lake Shamineau Data</u>

Funding goals and objectives

This proposed LID has some specific projects that demonstrate the district's goals and objectives. Each project will be manageable, monitored, and measured. Each will be funded with LID dollars and grants, as they become available. The LID committee is confident that these projects will produce tremendous positive effects on the continued good health of Lake Shamineau.

Problems and Projects to be Funded by Shamineau Lake Improvement District

Problems	Projects		
1. Aquatic invasive species and other non- native or native species (i.e. Eurasian watermilfoil, purple loosestrife, curly leaf pondweed, zebra mussels and others known or unknown, whether plant or animal.)	Pay for vegetation and soil surveys and removal of invasive species, whether plant or animal, including natives that become invasive, such as excessive bogs. Methods of removal will be by hand pulling, machine or by chemicals, based on Minnesota Department of Natural Resources (DNR) advice, and permits obtained. Ongoing monitoring and management of identified problem areas will include working with the DNR and other control specialists.		
2. Funding boat and trailer inspections, cleaning and decontamination, and other prevention methods.	Promote and share Morrison County's educational aquatic invasive control materials with property owners and other lake users. Work with DNR, Morrison County, Scandia Valley Township and other private or public entities to improve public access signage and to disseminate educational materials. Consider using cameras, trained monitors and decontamination stations in future budgets as grants and donations become available.		
3. High water levels; No lake outlet problems.	Work with DNR, hydrologists, Morrison County Soil and Water, local watershed district, other entities, and grants to fund a water study. The purpose of the study would be to determine sources of water level increase, methods to reduce or redirect these inputs, and to maintain a healthy water level to protect against erosion of shorelines and to protect wildlife habitat.		
4. Water Quality Monitoring.	Fund and continue the Citizen Lake Monitoring Program the Lake Shamineau Association has implemented over the past years (secchi disk readings for clarity, trophic state index, dissolved oxygen content, thermocline, lake water levels) and results reporting.		
5. Lake contamination problems.	Pay for studies/surveys (aerial and other) to identify potential areas of pollution/contamination in the lake affecting water quality or jeopardizing the health of fish and other aquatic plants and animals. Report results to Morrison County Planning and Zoning and Soil and Water. These studies and results reporting efforts will be dependent upon grants, Morrison County, and or future Shamineau Lake Improvement District (SLID) budgets.		

The Lake Shamineau Association will continue to educate and to work with property owners and other lake users regarding shoreline erosion (protecting and restoration issues), and other problem areas where the Shamineau Lake Improvement District may not be able to assist.

From the Treasurer

By Pat Held

The Lake Shamineau Association (LSA) Board has been very aggressive in its approach to preserving the water quality of the lake supporting numerous projects and surveys. The discovery of Eurasian Milfoil in the NW bay has put a great financial strain on the Association. At its height, the LSA savings account had a balance of \$23,327.43 in May of 2012. At that time, people were asking me what we were going to do with all that money. As of April 19, 2015, the savings account holds \$13,580.73. Last year alone, we spent \$1,982.83 more than we took in. We have been able to access grants to offset at least part of the costs of dealing with invasive species but the problem is not going away and will continue to expand and grow. At the present rate of spending, we will not have the resources to be able to deal with this problem in a few short years. Thus, the formation of Lake Improvement District is an absolute necessity if we are to preserve the quality of our lake for future generations.

Lake Shamineau Association Balance Sheet

As of April 19, 2015		
ASSETS		
Current Assets: Checking/Savings		
Randall State Bank	441.46	
Randall State Bank-Savings	13,580.73	
Total Checking/Savings	14,022.19	
Total CurrentAssets	14,022.19	
TOTAL ASSETS	14,022.19	
LIABILITIES & EQUITY		
Equity		
Opening Bal Equity	7,894.28	
Unrestricted Net Assets	6,130.94	
Net Income	-3.03	
Total Equity	14,022.19	
TOTAL LIABILITIES & EQUITY	14,022.19	



Membership Report as of April 2015

By Bob Ingle, Membership Chair (Interim through 2016)

I'd like to thank Bob Koll and the LID committee for all of the hard work in preparation for the formation of our Lake Improvement District. I'm assuming most of you support this initiative. I believe the value of

having this designation goes beyond what our lake association can do and this allows us to join the other LIDs in the county to secure funding available to help us with our goals to keep our lake clean and free of invasive species. Maybe we can also tackle our high water problem with some of the funding. I believe high water affects our water quality with the amount of shoreline erosion and damage that occurred from ice jacking. Your continued support of the Lake Association is important. The LID doesn't replace our Lake Association. It helps with funding our initiatives.

One other issue I'd like to point out before I get into the numbers. Recently, a member emailed me to settle a dispute between spouses as to when their dues were due. I was able to resolve this issue pretty quickly. They still had a full year before their dues were due. If you want to know when you last paid, please email me <u>inglebob53@yahoo.com</u>. I'll get back to you within several days.

Currently, we have 88 memberships to renew and 69 lapsed members we would like to renew. If you see your name on the list below your membership is due. Please sign up at the spring meeting with your captain or myself. **Email addresses**

Please let us know if your email changes! inglebob53@yahoo.com

Our members pay either a 1-year \$20 membership due June 1st, or a 3-year \$55 membership due every 3rd year on June 1st. We do, however, accept membership payments anytime. You can join by completing the membership form found on the back page of the newsletter, or print one from the website and send a check as directed on the form. We can take cash but prefer a check.

Membership signs are available for an additional \$5.00. This allows you to post the sign at your property showing you're a proud member. We have stickers that you can apply to your sign showing you are a paid member until June 1st of the sticker year. Make sure to request the stickers when you pay your membership. Note: Be careful not to attach the sign to a utility pole. You may find it missing. Utilities don't allow for signs on their poles. I am also working on a flag for folks that want to show their membership affiliation on docks or flag poles.

Membership Captains

Membership captains serve each area of the lake and will make contact with you should your membership be due. Please help us keep this great organization going, and let me know if you're interested in helping with memberships.

- East East Shamineau Russ Holland
- East Oak Lane Donna Farber
- South Lake Shore Drive Jen Buckentine
- South Hillside and Axis Lane Tom Heltemes
- South (3000 and up) Pine View Boulevard Bob and Cheryl Koll
- South (2000 to 3000) Pine View Boulevard Dale Mashuga
- West West Shamineau Dan and Doris Amundson
- West Aztec Road Anne Ingle, Pam Gowan and Sarah Asmas
- North Ridge Road, 18th Ave., 45th Ave., Armore, Cantleberry and East Bay Judy Kupferschmidt (could use help here)

Membership renewals due this year

If your name is on the list below, please send in your membership or pay at the meeting. Thank you!

David & Mary P Adolphson Gary & Sheryl Amundson Richard & Sharon R Auger Lynn & Kathleen Bastian Joan Batcher-Janacek Cheryl D Belling Gerald, Marsha, Lisa Bemboom Robert & Linda Bisek Alice Bollin Judith Cantleberry Alan Lee & Linda L Card Ron & Laurie Carlson Marian Comb & Janice Bierman Russell Doucette James Duran Jim & Donna Duren Earl G Edeburn Gary Erickson Rita T Faust Ronald & Cindy Fenske David & Mary Freeman Gladys H Freeman George E & Lois F Gammon Mike Ginder Mary Frances Goblirsch & Leland M & Alvina Granberg David W & Janice C Graning Bermard & Marilyn Gulland

Donald & Linda Haavisto Thomas R & Kathleen J Hanson Susan Harris William & Judy Hendry Ronald Henrichs Donald A & Julieanne Herman Sue Hermanson & Mike Ison Paul & Dawn Hindrichs Carl Hines Terry Hoffert Michael & Melanie Hougo **Richard & Jean Jacob** Floyd & Nancy Jares Adam & Janet Jaskowiak Dwayne & Pat Jensen Richard W & Rosemary A Jex Randall R & Merri J Johnson Darrvl & Jill Johnston Denis & Laverne Kalis Emily Kmetz John A & Sandra Lee R Koehnen John R & Lisa K Koll Robert D & Verle A Ktytor Lynda Lee Robert & Carolyn Lohman Dennis & Vicki Lubke Ted C & Billy Jean Lundberg Michael & Ann Madden

Doug & Sheryl Malark Wendy & David Mcdonells John & Betty Mcguire Marv J Meister Robert A & Joleen J Meyer William & Janet Minette Paul & Judy Mott Thomas L & Stephanie J Motzko Richard L & Florence S Mowan Arline Nelson June A Noska Roger & Margaret Olson Jeff Olson David Perfetti Dennis Peterson Michael J & Laurie J Radmer Paul M Reber Ronald Riebe Kenneth & Delores Rieck Peter & Trisha Rinzel Margaret Romero Marlene Roske Gary Ross & Vaunda Lea Sather Neil Schneider Melvin R & Sandra L Schroeder Michael & Shannon Schultz Tom & Paula Schwartz Betty Sendy

Sandra Thielen. Treasurer Nancy & Donald Shipman Harriet Sisk Jeffrey A & Kathleen D Smith Esther Solorz Agnes Sonenstahl Ernest Spilman Amy Springer Patricia A St Martin Gerals & Mary Stangler Rod Stanoch **Michael Stevens** Paul & Carolyn Stritesky Tim & Barbara Swanson Wendall & Donna Swanson **Richard & Mavis Thelen** Ron & Betty Unger Nancy Urbanski Tim & Cynthia Vogel Karen & Shawn Weller James H & Carol J Wicktor Karsten J & Cherryl I Williams Michael E & Phyllis L Willis Lavern & Dolores Wohlert Mary J Meister

We appreciate your participation and wish you a safe and enjoyable summer.

Wanted: Membership Chair volunteers. My term is up next year. Remember, I am only the interim chair. Get involved. Get to know your lake neighbors and participate in this organization.

Fishing Report

By Rick Rosar Well it's been another crazy year of fishing. When you live in Minnesota, you never know what to expect. Many of us were fishing through the ice in November, which is almost

unheard of in our neck of the woods. In fact, it was thick enough that we were able to drive ATV's on the ice with our portable fish houses. The next weekend we pulled our wheel house on the ice with the ATV and the following weekend we drove our truck out. The Walleyes seemed very cooperative from the time we drilled the very first hole. It seemed they preferred a minnow on a plain hook, compared to jugging spoons as all of our fish came out of the one hole with the live minnow below. With the lack of snow, you could drive anywhere on the ice you wanted to go, so there was no shortage of structure to access.

As the season wore on, the bite seemed to slow a bit and houses started moving around looking for the next "hot spot". I saw complete villages move from one week to the next. One week there were a dozen or so houses nearby, the next week they had all dispersed to other areas. We were doing pretty well, so I decided to leave my fish house on the ice for a couple of weeks...Then the warm spell hit. The ice was completely covered with water and the water was rushing down the holes opening them up so wide you could fall through. I live two hours away and I was nervous all week that the fish house may sink to the bottom of the lake. Returning early the following weekend, I discovered my house was still there, but had slid over a foot from where it was previously resting. Luckily I had enough wood blocks underneath to protect it from freezing in. So back to fishing out of the portables once again which allowed us to be more mobile and because of this we found a new spot that produced two bites and a nice walleye within the first hour. This was extremely fun as I had never fished this particular spot before and was actually trying to catch crappies. Needless to say, that's why the first two were "bites" and not catches. Two pound test line is no match for 24 inch walleyes. As the season wound down, we had a blast catching a bunch of perch with the grandkids but they were a little on the small side to keep. We dropped the underwater camera down and I told them it was just like a video game. They watched the perch come up to their jig and then would set the hook by viewing them on the T.V. screen. Check out the video Shamineau Lake Facebook page. It's a riot. 2

PAID ADVERTISEMENTS Lake Shamineau Association Newsletter Spring 2015





Watercolors by Kerry L. Kupferschmidt Landscapes and wildlife of Minnesota Home Illustrations from photos or plans 612-986-5396 www.klkartistry.com klkart.kupferschmidt@gmail.com home studio on Lake Shamineau

SALE

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Gallery also at www.CentralMNWatercolorists.org

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REMINDER:

Annual meeting Sat., May 23, 8:30 AM

Public Hearing for Shamineau LID at 9:00 AM

A Lake Improvement District will empower property owners to decide on what is best for their lake with less government involvement and provide a source of revenue to tackle lake issues.

dvertising Opportun

- Place your ad in the non-profit *Lake Shamineau* Association Newsletter & Website for coverage around Lake Shamineau and beyond.
- Newsletter circulation is 350, sent twice a year to property owners on the lake. Black and white 8-1/2" X 11" multi-page format. Website is www.minnesotawaters.org/group/shamineau.
- **Publication**: 2 issues annually, with delivery prior to Labor Day and Memorial Day

Deadline for Submissions: 4/15 or 7/15

Rate: (2 issues and website included).
\$50 for ¹/₈ page (4" X 2"; business card size).
\$100 for ¼ page
\$200 for ½ page
\$400 for full page (81/2" X 11")

Contact: Bob Koll, Sales Coordinator, 218-575-2577

Layout: Send text or copy to LakeNewsletter@msn.com.

Talk to Jacquie (763-441-7239) for assistance with layout.

Ice jacking damage

Record high lake levels in 2014 contributed to extensive shoreline damage from ice. Ice heaving is sometimes called ice-jacking, and can be damaging to property on a lake shore. This powerful natural force forms a feature along the shoreline known as an ice ridge - also known as ice pushes or ramparts. The result may include significant damage to retaining walls, docks and boat lifts, cabins, and public boat launching facilities.

Cause: Ice ridges are caused by the pushing action of a lake's ice sheet against the shore. Cracks form in the ice because of different contraction rates at the top and bottom of the ice sheet. This is especially true in years that the ice sheet lacks an insulating snow cover. Ice cracks also develop because the edges of the ice sheet are sometimes firmly attached to the shore. When water rises in the cracks and freezes, the ice sheet expands slightly. Rising air temperatures warm the ice, leading to additional expansion, which exerts a tremendous thrust against the shore. Alternate warming and cooling of the ice sheet leads to additional pushing action, causing the ice to creep shoreward and scrape, gouge, and push soil and rock into mounds. If a one mile diameter lake's ice temperature rises from 14 to 32 degrees Fahrenheit, the ice sheet will expand on to shore



about 3 feet. This can occur in a matter of hours when there is no snow cover on the ice sheet to provide insulation. **Benefits:** Ice ridges are natural berms that have formed around Minnesota's lakes over thousands of years. These mounds of material provide the lake with ecological benefits by creating a barrier to nutrient loading. Nutrients collect on the landward side of the mound, producing fertile soil where plants and trees thrive. The root systems of this near-shore plant community help to protect the shore from erosion and soak up additional nutrients. Shade and habitat offered by near-shore plants benefit organisms along the shore and in the lake, thus supporting nesting and spawning fish. Ice ridges also work to protect the shore from the lake itself. For example, a small ice ridge formed one year is followed by additional pushes in ensuing years. The ridge is fortified by jamming rocks into it. The roots of the near-shore plant community bind together the soil and rock to form natural shoreline protection.

Shoreline repair: Because ice ridges do provide ecological benefits, one reaction would be to do nothing other than remove personal property from its zone of influence. However, this is often impractical. Ice ridges can impede use of the lake by a property owner or the users of public lakeshore facilities.

Lake access can be obtained by ramping over or cutting through the ice ridge. There are circumstances when it may be necessary to remove or grade an ice ridge. An individual Public Waters Work Permit is not required from the DNR to remove or grade an ice ridge if the work meets the following conditions:

- The ice ridge resulted from ice action within the last year.
- The project is either exempt from local permits or is authorized by issuance of a local government permit.
- Not more than 200 feet of shoreline is affected.
- All ice ridge material that is composed of muck, clay, or organic sediment is deposited and stabilized at an upland site above the ordinary high-water level.
- All ice ridge material that is composed of sand or gravel is removed as provided above or graded to conform to the original cross section and alignment of the lakebed, with a finished surface at or below the OHWL.
- No additional excavation or replacement fill material occurs on the site. All exposed areas are immediately stabilized as needed to prevent erosion and sedimentation.
- Local zoning officials, the watershed district (if applicable) and the soil and water conservation district are given at least 7 days' notice before beginning the project.

Removal or grading of an ice ridge must not disturb emergent aquatic vegetation, unless authorized by an aquatic plant management permit from the DNR's Division of Fisheries.

Prevention: The simplest means of avoiding ice-related damage to shoreline property is to ensure that personal property is out of wrath's path. State and local shoreland regulations requiring setback limits not only lead to improved aesthetics but also help to minimize personal property damage from ice action and wave-induced erosion. If an engineering solution is pursued, property owners should seek the advice of a professional.

Bob Ingle says "If you are interested in aeration de-icing systems, contact Neil Schneider @ 612-239-6655. Unique and reliable piping and systems."

Send photos: Slides of shoreline damage from ice will be shown before the membership meeting May 23. Please send and photos to <u>LakeShamineau@gmail.com</u> to have them included.

More info: The Minnesota DNR has more information on ice jacking, including an information sheet on their website at <u>http://www.dnr.state.mn.us/waters/watermgmt_section/pwpermits/ice_ridges.html</u>. There is a gallery of damaged shoreline photos that includes several from past years on Lake Shamineau.

Lake Shamineau Association Fall Meeting Minutes Saturday, August 30, 2014, 9:00 AM

Lincoln Evangelical Free Church

Board Members Present: Al Doree, Pat Held, Randy Heltemes, Randy Kevern, Bob Ingle, Bob Koll, Jane Kraemer, Jacquie Rognli, Rick Rosar, Kim Salisbury

Absent: Mike Fedde, Sandy Williams

Open Forum – Questions and comments from members Looped slides of high water pictures were shown during open forum.

Q: Is "No Wake" posted at the public landings?

- A: Yes. The sign at the east landing is somewhat torn up.
- Q: Is there enforcement of "No Wake"
- A: It was understood that the DNR gave permission to enforce, but Morrison County said they didn't have manpower to enforce, so they didn't enact the mandatory No Wake. President Randy Heltemes expressed his disappointment that the Lake Association wasn't notified of the meeting where this was decided.

Comments: There were remarks about only residents and farmers have a local vote or voice in local government. Concerns expressed about the administration of the LID funds by the county. (Clarification: LID funds are controlled by the LID whose board is elected by LID members.)

- Q: Are there any representatives of Morrison County here?
- A: County Auditor Treasurer Russ Nygren who has been helping the LID formation volunteers; Steve Messerschmidt, Financial Risk Manager-Deputy Auditor. District 1 Commissioner Kevin Mauer has also attended the past few meetings.

Comments: There was mention that we all need to complain to legislatures about the need for help with the issues facing our lakes. Pat Held shared copies of an example of a letter that people could use to write or email elected representatives.

There were many questions about the LID, but those were delayed until it came up on the agenda later when there wasn't a time limit on discussion.

Minutes of May 24, 2014: Approved

Treasurer's Report: Approved

Treasurer Pat Held pointed out that we have spent \$429.44 more than we have taken in as money has been spent on milfoil removal and lake surveys. He said in 2011 we had \$24,000 in savings (although some was Initiative Fund grant money) and in 2014 we now have \$14,000 in savings.

Lake Shamineau Association Balance Sheet as of August 29, 2014

ASSETS					
Randall State Bank-Checking	\$1,019.01				
Randall State Bank-Savings	\$14,559.60				
Total Checking/Savings	\$15,578.61				
	TOTAL ASSETS	\$15,578.61			
LIABILITIES & EQUITY					
Opening Balance	\$7894.28				
Unrestricted Net Assets	\$8,113.77				
Net Income	\$-429.44				
Total Equity	\$15,578.61				
TOTAL LIAB	\$15,578.61				

Pat also provided copies of a full report with transactions.

Fishing Report – Rick Rosar

Rick said that some nice walleye were being caught. In view of his boat last night, he saw fisher persons catch four walleye on leeches and red tails.

Water Quality Report – Al Doree

Currently the lake is a record 1.07 feet above the ordinary high water level (OHWL). Al reported 27.01 inches of rainfall so far this year. Secchi disk readings were good, with 15 feet in May, 10.5 feet in June, 15 feet in July and 12 feet in August.

Asked about if he sees any trends, Al said that the Trophic State Index (TSI) has been steady.

Asked where testing is done, Al replied at a consistent location off his shore near the end of East Shamineau Drive plus in the 55-foot hole, deepest part of the lake. He said that at 8 meters there is a sharp thermocline and dissolved oxygen disappears below 8 meters.

More concerns were raised about high water level and no power locally or help from the County. There was a comment about lots of taxes with low services. Pat Held drew attention to the sample letter to legislators the encourage them to be sensitive to lake issues and proactive.

Membership Report – Bob Ingle

Bob thanks all of the captains for their good work. He needs captains for Oak Lane as Marlene Freidel passed away after covering that road for many years. They also need help by Auger's with Axis and Angle.

Please send emails to Bob I. who now has an email address for membership: <u>member5hi9@gmail.com</u>

Communications Report – Jacquie Rognli

Jacquie said that the newsletter is sent to property owners, all advertisers and some local newspapers, one of which generated a reporter's inquiry. She reported that 130 membership links to the fall issue were emailed with 6 unresolved bounce backs. There were 208 hard copies mailed with 8 returned to sender.

Jacquie also noted that when legal notices are sent from Morrison County for the LID, they will go to the official owners for the property (probably the person who gets the tax notices) not to the people we contact for the membership newsletter.

Eurasian Water Milfoil and Aquatic Vegetation Report

Divers from Waterfront Restoration, LLC were hired to pull Eurasian Water Milfoil from the northwest bay. They began on July 16 using a pontoon donated by Shamineau Acres Resort for their use and stayed overnight at one of their cabins. Infestation was heaviest in front of Shamineau Acres and was thicker and more widespread than last year. They reported it was a successful outing and the bay was as

Fall Membership Minutes continued

milfoil free as possible. The invasive species had spread more along the docks and shore on the west end.

The Lake Association also hired an aquatic vegetation survey of the lake from 17-foot depth to the shore. They used GPS coordinates and a rake toss method. They found no Eurasian Water Milfoil anywhere else in the lake. However, in the bay where the scuba divers had been, they found two stalks of a milfoil that is a hybrid of our native northern milfoil and the invasive Eurasian were found south of the landing. GPS coordinates of that were recorded. No one is yet familiar with the implications are of the hybrid. Samples could be sent for analysis, but it would be expensive.

Non-native invasive purple loosestrife was also found. The property owners have been told. It is not yet an issue, but should be monitored. There are possible biological controls available for this wetland plant that displaces cattails and other native shoreline plants that are needed to filter water entering the lake and for shore protection.

When the survey report is completed, the Lake Association will post a copy on the website.

Lake Improvement District (LID)

Guest speaker Russ Nygren, Morrison County Auditor since 2004 explained the formation of the LID process and answered questions. Nygren has been attending meetings of the LID Committee volunteers and helping them. He will be retiring Jan 5, 2015 and brought Morrison County Financial Risk Manager/Deputy Auditor Steve Messerschmidt with him to ensure some continuity tor the process.

Nygren explained that he has worked on several LIDs. The county has four. The LID is a form of government. You have the right to vote in the LID as a property owner. There are government accounting standards that must be met. Money on special assessments goes only to the LID. The LID must file reports annually, come to the County Board to request the assessments every year. The LID board is elected by the property owners and must hold an annual meeting.

Payment of the assessment is part of the property owners' tax statement.

Examples of things the other LIDs have used money for are control of aquatic invasive species. The LID must prepare a plan for the use of the money with the soil and water and water quality departments. District Manager Helen McLennan of the Morrison County Soil and Water Conservation District will work with the committee to make a plan.

Assessments are by ownership. Multiple properties under the same name would have only one assessment.

Crookneck, Fishtrap, Sullivan and Alexander lakes all have LIDs.

In the LID formation process, the County Board can call for a public hearing. They will notify every owner. The hearing could be as early as spring 2015. This is your chance to speak up and give your input. The LID could possibly be created by next summer. Funds raised in the fall would be available in 2016. Aquatic Invasive Species (AIS) legislation funds have been designated by the DNR for education, not treatment. There was \$60,000 this year and will be \$130,000 next year. The county doesn't know what to expect yet from those funds. Morrison County Planning and Zoning Administrator Amy Kowalzek is in charge of finding out what the county can do with the money.

Water level and erosion control concerns: Shamineau is a landlocked lake with a large watershed. Alexander and Fishtrap lakes both have outlets, but are facing the same problems. The Lake Minnetonka Association was able to enforce the no wake there because they hired their own law enforcement.

More counties are helping form LIDs. Morrison County was one of the first. A disadvantage of not creating a LID is that the county has no authority to work on lake improvements. Advantages are that perhaps the LID will be more eligible for grants; with the LID, all property owners pay.

The elected board of the LID sets the budget and members vote at the annual meeting.

If it appears the lake owners have a majority of support for forming the LID, the county will proceed to help set up. If people send in the Statement of Support, that will demonstrate to the board that there is a positive interest (55 signed statements were collected to pass on the County Board).

Would the district restrict landscaping? The DNR and Planning and Zoning are in control of land use.

People were urged to contact their legislatures for more help from the state.

Summary of process to form the LID:

- Turn in your signed statement of support to the county for formation of the Lake Shamineau Improvement District.
- Morrison County will set a public hearing and notify property owners.
- The County Board passes a directive to form the LID.
- The first Board of Directors is appointed.
- There is an election of board members (by mail or at annual meeting).
- The LID board submits a plan every October.

Anyone interested in joining the volunteers to organize the LID should contact Bob Koll: <u>bckoll@brainerd.net</u>; 218-575-2577.

Bob emphasized that is will be a lot of work, and the LID board needs to be different people than the Lake Association board willing to put in the time and effort.

Other New Business

There was some discussion that ice-jacking may becoming more of a problem with the higher water level. Bob Ingle recommended the bubblers that he and adjacent property owners have installed in the lake in front of their cabins. **Adjourn** 10:45 AM

Respectfully Submitted by Jacquie Rognli

Lake Shamineau Association Board Meeting February 7, 2015

Perkins, Sauk Rapids, MN

Board members present: Jane Kramer, Al Doree, Sandy Williams, Bob Ingle, Bob Koll, Judi Kupferschmitt, Dave Graning, Kim Salisbury, Pat Held, Randy Kevern, Mike Fedde, Jacquie Rognli

Absent: Rick Rosar and Randy Heltemes

Meeting was called to order by Bob Koll at 9:30 a.m.

Treasurers Report

Pat provided the Profit & Loss report (see detailed report for revenue and expense categories)

Income \$5,734.67				
Expense	7,717.70			
Income	\$-1,962.83			

Balance Sheet

Assets \$14,025.22

- Request for approval for Pat to apply for grant to help offset cost of milfoil removal motion by Al seconded Jacquie, approved.
- Discussion of getting a professional audit of our finances, Pat will research the cost, then will discuss and vote.
- Pat suggested we pursue the postal rate available with our 501(c)3 nonprofit status. Question was raised, do we have enough mailings to decrease cost of mailings, and mailings will take longer to arrive auditor can help answer this.
- Motion to accept treasurer's report.

Membership

- Bob Ingle will provide the number of members by email.
- One new volunteer on Angle Road Pamela Nelson, and could use some more volunteers.
- Pat moved to approve the report, Al seconded, approved.

Fishing

Observations: Bob has seen ice fishermen out, ice formed early, some walleye being caught, good ice , though serious ice jacking from it, east landing looks in good shape. Water

- Al applied for annual bog permit at the Little Falls DNR office
- Water testing RMB lab can have our water samples picked up by Speedy Delivery, quicker and more convenient than UPS, they always had delivered the testing materials
- Dave moved to accept the report, Pat seconded, approved.

Communications

• Membership and Board minutes are up on website. Jacquie will be making updates to the website.

- Elections this spring, Al Doree, Bob Koll, Pat Held, Rick Rosar, Jane Kramer. Al will keep the water testing duties but will give up his spot on the board. Jane will go off the board, Pat will stay on.
- Jacquie has list of all reports on website for Lake Improvement District requirements.
- Pat moved to accept the report, Randy K. seconded, approved

LID (Lake Improvement District)

- We need to find members willing to be on LID board, need 3 residents, 2 nonresidents.
- Bob brought the Ruth Lake and Lake Alexander problems lists, solutions and cost as examples for us to follow in preparing our documentation for application to the county.
- Kathleen Metzger, DNR hydrologist, Deb Lowe, auditor/treasurer of Morrison County are providing advice on our LID application. Kenneth Zeik is Morrison County hydrologist and could be another resource.
- Al mentioned that Morrison County is inspecting lake septic systems (Fish Trap).
- Bob reviewed our proposed projects and budget for the LID.
- We plan to use divers again next summer to hand pull Eurasian Milfoil. Survey done last fall of aquatic vegetation found the Eurasian Milfoil, Purple Loosestrife and hybrid Milfoil.
- Estimates for the LID projects should total \$12,000, based on our estimates of \$35 per owner in our support documentation.
- Bob is working on the documentation and Jacquie will edit.
- Discussion about how the Lake Shamineau Association (LSA) and the Lake Improvement District (LID) compare. LID funds follow specific plan whereas LSA can do immediate needs, and provide input to LID plans.
- LID timeline need paperwork by 40 days prior to hearing. We will get timeline from Deb Lowe.
- Encourage writing to legislators about state support for lake care. Request it not just be for education. We need funding for invasive species treatment and mitigation.

Next Board meeting to be held April 11 to plan the Spring meeting May 23rd.

Meeting adjourned at 11:30 a.m.

Minutes respectfully submitted by Sandy Williams, Secretary. 2

Lake Shamineau Association Board Meeting April 11, 2015

Hitchin' Rail, Lincoln, MN

Board Members present: Sandy Williams, Mike Fedde, Randy Heltemes, Bob Koll, Rick Rosar, Bob Ingle, Judi Kupferschmidt, Jacquie Rognli, Randy Kevern, Dave Graning

Board Members absent: Pat Held, Jane Kramer, Al Doree, Kim Salisbury

LID Committee guests: Fred Combs, Dale Maschuga

Randy H. called the meeting to order.

Additions and Corrections to February 7, 2015 Board Meeting Minutes

Bob Koll noted that both Ruth Lake and Lake Alexander information was shared as examples of LID documentation. Pat Held made corrections regarding 501(3)c postage cost opportunity to check into. Minutes were approved as corrected.

Water Quality Update

Al Doree contracted with RMB again this year to do the water testing, first test on May 18th. We can arrange for Speedee Delivery to pick up the samples at Al's house instead of having to take it to UPS. He thinks the charges will be on the RMB invoice, so no extra bill for shipping. Not sure when the DNR will install the lake gauge, usually in May sometime.

Al marked April 9th at ICE FREE (ice out) for this year due to the ice in the bay going out later. That is 10 days earlier than the average ice out.

Communication Update

Jacquie needs reports sent to her for the newsletter as soon as possible. The spring meeting is earlier this year due to when Memorial Day falls.

Jacquie will include a page in the Lake Shamineau Association website with information and documents for the proposed Lake Improvement District (LID).

Membership Update

Bob Ingle reviewed membership and indicates that in 2015 54 one year renewals and 37 three year renewals are due. Based on those members renewing for the same 1 or 3 year term, it would result in \$3,115 income. Also there are 71 memberships that have either lapsed or never paid. With the possible LID, we need to educate what the Lake Association dues support and encourage member renewals. **Fishing Report**

Rick Rosar indicated that fishing was good for walleyes over winter, and crappies good during late winter.

Other Business

Regarding membership in Minnesota Lakes and Rivers Advocates, it is more of a legislative lobby group compared to Conservation Minnesota. We will include information about it in the spring newsletter. We belong to Conservation Minnesota where our website is hosted (formerly Minnesota Waters).

A proposal was made to purchase a GPS for Al to use for water testing. Bob Ingle moved, Bob Koll seconded, board approved. Estimated it would cost \$175 to \$275.

A proposal was made regarding getting a "no wake" designation. Is it enforceable? This will be checked into. We plan a slide show running on the screen prior to the meeting of shoreline damage. Board members email photos to Jacquie who will compile it.

The board gave recognition of our appreciation of the extensive work done on the LID application documents.

Annual Spring Meeting Planning – May 23, 2015

County public hearing meeting for the Lake Improvement District starts at 9 am at our spring meeting. We will keep the Lake Association meeting short and approve the financial report, approve membership meeting minutes from fall, and elect new board members. We will start the Lake Association meeting at 8:30.

We will have two board members retiring this year and next year Bob, Randy, and Jacquie complete their current three year terms.

Prize donations for spring include a Kerry Kupferschmidt painting, wine from the local Scandia Valley winery, and a round of golf at Pine Ridge.

Bob Koll will get to the church early for setup. We will set up membership renewal tables in the entry hall due to expecting a larger number of attendees due to the public hearing. Bob Ingle will create a list of property owners with addresses (Excel list in alphabetical order) for people to sign in for the public hearing. Jacquie will print the rules of a public hearing in the newsletter.

Board members are to be there by 7:45 a.m. to set up tables, chairs and to start coffee. Jacquie will bring audio visual equipment.

Motion to adjourn was made by Sandy, seconded by Randy and approved.

Minutes respectfully submitted by Sandy Williams, secretary. 2

Bog permit

Al Doree has obtained a <u>2015 bog permit</u> from the Department of Natural Resources (DNR) that allows members of the Lake Shamineau Association to move or

remove floating clumps of cattails. Their removal is regulated by state law. A copy of the permit and more information can be found on the Lake Shamineau Association website on the lake vegetation page.



Al Doree has served on the Lake Shamineau Board since 2003. He has decided that when his current term ends this spring, he will not run again. Besides his 12 years of board service, Al has been doing volunteer monitoring of Lake Shamineau since 2004, creating one of the longest continuous records of lakes in our area.

Al started out by being the official lake level recorder with the DNR setting the lake level gauge every spring at his lake home. The DNR lake level website states the reference point is "a 3" bolt in NE root of a 1.5' White Pine, about 50' NE of private house, 30' south of lake bank, 10' from WE near dock, at private residence." That's in front of Al and Shirley Doree's home on the east side of Lake Shamineau.

Over the years, Al has convinced the Association Board to fund additional water quality monitoring, with secchi disk readings and water



samples collected and analyzed. He later added equipment to measure water temperatures and thermocline. He faithfully collects readings every month while the lake is ice free, now with the assistance of Bob Koll. Al's love of data has inspired him to also record rainfall and ice-over and ice-out dates for Lake Shamineau.

Other projects that he has been a big part of have been beaver baffles, obtaining an annual bog removal permit for Lake Shamineau Association members, pushing for lake surveys and the east landing improvement project. He often attends Scandia Valley Township meetings on our behalf.

We have been so fortunate to have Al Doree involved in the Lake Shamineau Association. We wish him well on his retirement from the Board, but we are also very happy that he plans to remain on the Water Quality Committee and continue citizen monitoring of Lake Shamineau.

Eurasian Watermilfoil diver pulls scheduled

When the DNR confirmed Eurasian

watermilfoil growing in the northwest bay of Lake Shamineau, the Lake Association responded by hiring divers to hand pull the invasive non-native. This has been done for three years now, costing



the Lake Shamineau Association \$1,630.00, \$1617.00, and \$2,600.00 respectively. Treasurer Pat Held was also able to secure grants to partially off-set costs. He said there seems to be no grant money available for 2015. In 2012, 200 pounds of vegetation was pulled, 300 pounds in 2013 and 1050 pounds last year. Besides having divers pull the Eurasian water milfoil, a survey of lake vegetation was also done that identified that the infestation appeared to be confined to the northwest bay at that time.

Derek Lee of Waterfront Restorations recommends at least two visits this year. He said that 95% of their clients have three visits each year. Typically 50% of the labor and cost is on the first visit and then the second and third visit

Morrison County Local Water Plan presents: Lake Improvement Districts Annual Mtg. and

LAKE AND RIVER DAY

For all shoreline owners Saturday, July 11th 9:00 a.m.—10:00 a.m. Meet with LID Boards 10:00 a.m.—12:30 p.m. all lake residents At Scandia Valley Townhall

(located on Co. Rd. 3, north side of Lake Alexander, right across from Castaway Supper Club)

Presentations by: DNR Fisheries, DNR Waters and Ecological Resources, Morrison County Planning and Zoning, Morrison SWCD

Topics: Invasive species, Septics, Ordinances for Shoreline alterations, Clean Water Funding, Lake monitoring, Local Water Plan update. Refreshments provided

are about 25% each, depending on weather patterns and how far they are spaced apart. He recommends the first removal be in mid June, the second in mid July and the third in Mid-late August.

At this time the Lake Shamineau Association Board has set up two pulls with a tentative third for later in the season.

Lake Shamineau Association PO Box 152 Motley, MN 56466 Website: http://minnesotawaters.org/LakeShamineau Email: LakeShamineau@gmail.com

2015 Lake Shamineau Association Membership Form Thank you for supporting your Lake Shamineau Association!					
 Name	email				
Mailing address	City	St Zip			
I Phone () Lake Address					
Please send the newsletter via email					
I Membership: I Property Owner \$20 (1 Year) I I I I	S55 (3 year)	Associate Member \$10			
Additional Contribution for: Water Quality Wildlife Fisheries Other					
I L I would like a membership sign \$5.00	10.481E				
Make Checks payable to: Lake Shamineau Association Mail to: Lake Shamineau Association, PO Box 152, Motley, MN 56466					