

Lake Shamineau Association Newsletter

Newsletter No. 22

Fall meeting set for Sept. 1

The fall membership meeting of the Lake Shamineau Association will be held **Saturday, September 1, 9:00 a.m. Lincoln Evangelical Free Church.**

There will be a guest speaker with our TSI aerial report from A.W. Research. Time before the meeting is open for membership renewals. Rolls, coffee and juice provided. There will be door prize drawings.

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.

Eurasian water milfoil removal from Shamineau

In July, the Minnesota Department of Natural Resources (DNR) announced that Eurasian watermilfoil had been discovered growing in Lake Shamineau.

The nonnative, invasive aquatic plant was discovered in several locations in the northwest area of the lake and east of the public boat access. The Eurasian watermilfoil was discovered by Conservation Officer Jeff Halverson after an inquiry from a property owner. The DNR sent crews to Shamineau Lake to search for Eurasian watermilfoil and found rooted plants growing in the lake between three and 12 feet of water. The DNR conducted further surveys in July to determine the full extent of the distribution of Eurasian

Lake Shamineau Association Membership Meeting Saturday, Sept. 1, 2012 Lincoln Evangelical Free Church <u>Agenda</u>

- 1) Pre-Opening Non-native invasive species information
- 2) Call to order 9:00am
- 3) Open forum 15 minute time limit
- 4) Secretary Report
- 5) Treasurer's Report
- 6) President's Report
- 7) Program A.W. Research, Inc.

 8) Committees Fishing Water Quality Membership Loons & Wildlife Communications

- 9) Old business
- 10) New Business
- 11) Adjourn

watermilfoil in Shamineau, but none was found elsewhere in the lake. The DNR's recommendation was to pull the plants rather than use herbicides that would harm native lake vegetation.

The Lake Shamineau Association Board decided to hire Waterfront Restorations, LLC to remove the plants using



Divers Adam McLain, Levi Rickenbach, and Chris Helland from Waterfront Restorations, LLC removed Eurasian watermilfoil from the northwest bay of Lake Shamineau

divers to pull the plants by the roots. Divers removed the plants using August 10th at a cost of \$1,630.00. Board member and Treasurer Pat Held has submitted an application to the DNR for grant money to cover the cost.

Pat sent an email to board members stating "Milfoil removal is complete. The divers reported to me that they removed all the plants that the DNR had located in the bay. They also did a survey of the immediate area and around the public access. .. The divers seem to think that they got it all."

Waterfront Restoration, LLC uses the technique of removing all weeds by the roots, providing a selective and precise removal method with no biomass left to decompose and no health risks.

See page 4 for a map of Eurasian watermilfoil locations found by the DNR. 2

FALL 2012



Lake Shamineau Association P.O. Box 152 Motley, MN 56466 http://www.minnesotawaters.org/group/sha mineau

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

Board Members

President: Jennifer Buckentine, 320-249-0983

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 Randy Heltemes, 763-228-1416 Randy Kevern, 218-575-2844 Bob Koll, 218-575-2577 Jacquie Rognli, 763-441-7239 Jane Kramer, 507-477-3693 Brian Salisbury, 218-575-2097

Committees

Communications: Newsletter-Jacquie Rognli; Website-Sandy Williams Fishing: Rick Rosar Ice Damage & Jacking: Deryl Ramey Loons & Wildlife: Carolyn Held Membership: Carolyn Held Water Quality: Al Doree; Bob Koll

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.

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



Notes from the president

By Jennifer Buckentine

It has been a very busy summer for the Lake Association Board! As you may have learned, Eurasian water milfoil was discovered in the northwest bay of the lake. While we are disappointed about this, we are also determined to do all we

can to deal with it. We have hired a dive company to pull all the Eurasian water milfoil they can find. The plan is for this to be completed early August. Read more about this further in the newsletter, page 1.

We have also contracted with a company to do a TSI over flight of the lake (see page 3). What is a TSI over flight? It's a tool that summarized the water quality for the lake. The lower the TSI value, the healthier the lake is considered to be. We are excited to have Alan Cibuzar (owner of A.W. Research) present the data at the Fall Membership meeting.

Lastly, in an effort to assist property owners in implementing a shoreline restoration project, we contracted with Prairie Restoration. On a hot Saturday in June (were there any days this summer that weren't hot?!), Josh Richardson did a presentation and visited seven properties to develop shoreline restoration proposals for them to consider. While it was not mandatory that any of these seven property owners do a project, as of this writing we have heard interest from at least four of them. This is great news for the quality of Lake Shamineau! We are thrilled to see the grant from the Initiative Foundation be put to use!

As I close, I extend an offer to all of you to get involved in the work of the Association. Feel free to contact a Board member if you have any suggestions or want to help out in any way. Enjoy the last few days of summer!



Correction: In an article about gull droppings in the Spring 2012 issue of the Lake Shamineau Newsletter, Morey's Seafood in Motley was incorrectly identified as a source of red dye from imitation crab meat. Morey's is known for their walleye filets, lake fish, smoked salmon and other seafood. Our apologies go to Morey's and their loyal customers.

TSI over flight mapping done on Shamineau

TSI Lake Mapping provides mapped TSI values that would historically be determined by measuring the Secchi depth, total phosphorus concentration, chlorophyll a concentration, and placing the resulting values into the Carlson Trophic Status Index (TSI) algorithms.

In August, the Lake Shamineau Association Board hired A.W. Research Laboratories Inc. of Brainerd to do a flyover of the lake and produce a TSI map of the results.

A.W. Research Laboratories, Inc. has developed a multispectral camera that measures the TSI values for the entire lake. The camera's capabilities are similar to combining approximately 870 manually collected samples per acre and mapping the results to one image. According to A.W. Research, the resulting image provides a clear depiction of problem areas that is easily understood by lake managers and property owners.

Lake Shamineau Water Quality Committee volunteers Al Doree and Bob Koll collect data that provides information on TSI, but only from one location. The aerial survey will cover the entire lake and give us baseline data to use for future comparison.

The benefits of aerial TSI mapping include:

• Get a clear picture of water quality for the entire lake – not just for one sample location.



A.W. Research Laboratories owner Alan Cibuzar with Lake Shamineau Association Board Member Al Doree at the Brainerd Lakes Regional Airport with one of the company's planes used to do TSI mapping of Lake Shamineau in August.

- Color-coded map is easily understood.
- By pinpointing problem area immediately, you can put more of your efforts and budget toward fixing the problems.

A.W. Research did the flyover event at 10,500 feet and said the data came out good. A representative from the company will be presenting the information at the lake Shamineau Association Fall membership Meeting on Saturday, September 1st.

Eurasian watermilfoil discovered in Shamineau Lake in Morrison County

Press release from the Minnesota Department of Natural Resources July 23, 2012

Eurasian watermilfoil has been discovered growing in Shamineau Lake in Morrison County, the Minnesota Department of Natural Resources (DNR) said today.

The nonnative, invasive aquatic plant was discovered in several locations in the northwest area of the lake and east of the public boat access. The DNR conducted further surveys in July to determine the full extent of the distribution of Eurasian watermilfoil in Shamineau, but none was found elsewhere in the lake.

Shamineau Lake supports a highly diverse submerged aquatic plant community, with stands of white water buttercup, clasping-leaf pondweed, northern watermilfoil, sago pondweed, flat-stem pondweed, fern pondweed, and large-leaf pondweed.

"Northern watermilfoil is one of the most dominant aquatic plants in Shamineau Lake and should not be confused with Eurasian watermilfoil," said Christine Jurek, DNR regional invasive species specialist. "Northern milfoil has five to nine pairs of leaflets compared to Eurasian watermilfoil, which has 12 to 21 leaflets." The Eurasian watermilfoil was discovered by Conservation Officer Jeff Halverson. The DNR sent crews to Shamineau Lake to search for Eurasian watermilfoil and found rooted plants growing in the lake between three and 12 feet of water.

Eurasian watermilfoil can form dense mats of vegetation and crowd out native aquatic plants, clog boat propellers, and make water recreation difficult. The DNR and the local lake association have decided to hire divers to remove the Eurasian watermilfoil by hand, and reduce the likelihood that boaters might accidentally carry the plant from the lake on trailered watercraft.

"Hand pulling will most likely not eradiate the plant from the lake, although it may be a better choice than herbicide treatments that would kill the northern watermilfoil that is dominant in Lake Shamineau," Jurek said.

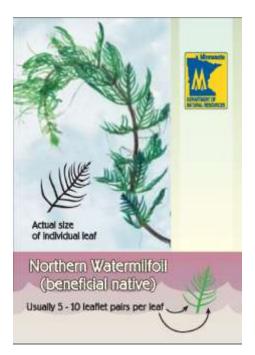
"The DNR has more than 20 years experience with attempts to eradicate milfoil from Minnesota lakes," said Chip Welling, DNR aquatic invasive species management coordinator. "We also have learned a lot from monitoring efforts in other states. Milfoil can be managed, but complete eradication is not a realistic goal."

Boaters who use Shamineau Lake are urged to be extra thorough when looking for and removing aquatic plants from their boats, trailers, nets, anchors and other equipment. It is unlawful in Minnesota to transport aquatic plants or prohibited invasive species on roads or to launch watercraft with them attached. Eurasian watermilfoil has now been discovered in 261 lakes, rivers or streams in Minnesota.

The lake will be designated as an infested water later this month. That means restrictions on bait harvest and transport of water from the lake will be in effect.



Invasive Eurasian watermilfoil locations identified in northwest bay.





Lake Shamineau Association Spring Membership Meeting May 26, 2012 9 am

Lincoln Free Evangelical Church meeting room

President's Welcome

President Jennifer Buckentine called the meeting to order and welcomed the members to the spring meeting. Board members introduced themselves. Approximately 55 members were in attendance.

Open Forum

There were no questions or issues that membership wished to raise.

Approval of Fall 2011 Membership Meeting Minutes

The minutes from the Fall 2011 membership meeting were printed in the May 2012 newsletter. A motion was made to approve the minutes. The motion was seconded and approved.

Treasurer's Report

Pat Held, Treasurer, provided the following balances in the Association's bank account at Randall State Bank:

Balance in Savings 5/23/2012	\$23,327.43
Total Assets	\$23,656.47

Balance includes \$4,500 of the grant from the Initiative Foundation for the Shoreland Restoration Program.

President's Report

Jen Buckentine expressed our thanks to the Lincoln Free Church for the use of their building for our meetings and to the Landing for gift certificates provided for our meeting as prizes for the members who participated in the Fishing Quiz on regulations at the beginning of the meeting.

Committee Reports:

Fishing - Rick Rosar reported that the stocked walleye fry aren't surviving as well as fingerlings and the DNR will stock more fingerlings in the future.

<u>Water Quality</u> - Al Doree reported that we have had 8 inches of rain so far, last year there was 25 inches total. The Secchi disk depth of water clarity is at 17 feet. The lake level is 4.4 inches above the OHWL (ordinary high water level). Ice out was March 24 the earliest date since 1954 records were begun.

<u>Membership - Carolyn</u> Held reported that currently there are approximately 205 members. Carolyn has a large map showing where everyone lives on the lake. More membership committee volunteers needed to canvas only those who aren't current members. Carolyn expressed thanks to all the volunteers.

Loons - Approximately 6-8 loon nests were reported including near Koll's, Lundberg's and Friedl's. The loons arrived early this year with the warm weather and early ice out.

<u>Communication -</u> Thanks again to Jacquie for an excellent newsletter. 215 were mailed and 125 sent by email. MN Waters is ceasing operations but the website hosted there will continue. There is now a Facebook group for the Lake Shamineau Association.

<u>**Program**</u> - Jacquie presented very informative videos and an educational program regarding Zebra mussels and the danger they pose to water quality.

<u>Old Business</u> – The east boat access ramp was completed and a monument was installed in recognition of the land donors and other support for the materials and work (our Association, Scandia Valley Township and DNR).

The shoreline restoration grant was extended through 2012. Contact Pat Held for applications. Prairie Restorations will meet with interested property owners and will give a presentation on June 9. They will visit properties to evaluate and provide a plan with no commitment required.

Board Elections - Nominations were requested. Rick Rosar, Pat Held, Bob Koll and Al Doree agreed to continue another term (3 years) on the board. New member elected was Jane Kramer.

Minutes respectfully submitted by Sandy Williams, Secretary

Minutes respectfully submitted by Sandy Williams, Secretary **2**

Lake Shamineau Association Spring Board Meeting Saturday May 26, 2012

Lincoln Free Church

Members Present: Bob Koll, Jennifer Buckentine, Jacquie	Balance on Hand Checking 5/23/2012	\$329.04
Rognli, Sandy Williams, Al Doree, Rick Rosar, , Randy	Balance in Savings 5/23/2012	<u>\$23,327.43</u>
Heltemes, Mike Fedde, Pat Held, Dave Graning, Jane	Total Assets	\$23,656.47
Kramer Not Present: Brian Salisbury, Randy Kevern Minutes from the March 10, 2012 Board meeting were approved. Treasurer's report was approved. Pat Held, Treasurer, provided the following balances in the Association's bank account at Randall State Bank:	Balance includes \$5,000 grant from the Init Foundation for the Shoreland Restoration P grant monies provided to appropriate proper projects. <u>Election of Officers</u> Jennifer – President, Pat – Treasurer, Rick - President, Sandy – Secretary	rogram, less the rty owner

Randy Heltemes indicated he would assist in getting speakers.

Discussion of Variance Applications

Board members expressed their support of following ordinances regarding building projects; our mission is to support shoreline restoration and water quality. Building variances may be in conflict with best practices in maintaining the quality of the lake.

<u>Concern of gull droppings of red dyed fish product</u> from Motley business Cap'n Jack's

No longer an issue; hog farm has sold the hogs.

Fall Meeting Planning – Will meet in July, email will request best date to meet.

<u>Other Business</u> – 301© Annual filing verified. Meeting was adjourned. Minutes respectfully submitted by Sandy Williams, Secretary

Lake Shamineau Association Summer Board Meeting Saturday July 7, 2012 9 a.m.

Hitchin' Rail

Members Present: Bob Koll, Jennifer Buckentine, Jacquie Rognli, Sandy Williams, Al Doree, Rick Rosar, , Randy Heltemes, , Pat Held, Jane Kramer, Randy Kevern Not Present: Brian Salisbury, Dave Graning, Mike Fedde Minutes from the May 26, 2012 Board meeting minutes were approved.

Treasurer's report was approved.

Pat Held, Treasurer, provided the following balances in the Association's bank account at Randall State Bank:

Balance on Hand Checking 7/7/2012	\$1,370.19
Balance in Savings 7/7/2012	<u>\$21,338.56</u>
Total Assets	\$22,708.75

Membership Report – No totals for this year, Dan and Doris Amundson and Marlene Friedl completed their areas, others are still contacting residents.

Fishing Committee – No report, but it was noted that large pan fish have been caught recently.

Water Quality Committee – Water testing continues. There is a sharp thermocline at 9 meters (temperature and oxygen content drop). Clarity is measured at 14 feet with the Secchi disk and was 17 feet a month ago. Lake level is 5.4 inches above the ordinary high water level on July 6 and was at 6.1 inches above OHWL the previous week. We have had 16.5 inches of rain this year as of July 6. Communications - Newsletter articles are due July 15. We have approximately 60-70 Facebook Friends. Correction to be put in the newsletter: The imitation crab meat that gulls were feeding on at a nearby farm was from Trident Seafoods, not Morey's Seafood International Market. List of board members and contact information to be distributed to board members.

Action: Sandy to compile and send the board member list. Committees send in newsletter articles. **Shoreline Restoration Grant** – The board approved the application from the Hollands based on the native plantings, observations and photos. The board is requesting more specific information on the plantings planned by the Larsons to minimize road runoff to the beach and will consider the application once the information is received. Prairie Restorations visited eight properties on June 9 and has provided a high level written report to the board of general recommendations for shoreline plantings. Plans for each individual property visited are expected soon. The plans can be attached to the grant application form indicating what the property owner plans to do and grant monies can be available to support the projects but must be completed this calendar year. Before and after photos are requested so that we can show the results to the membership at a future meeting as well as document the grant process.

Action: Pat to contact Larsons for additional shoreline restoration information and to forward grant applications via email to board members.

High Water– Warnings should be posted at the public boat accesses regarding boat wakes (waves created by moving boat). There was discussion about interested property owners placing signs at the end of their docks, saying "NO WAKE PLEASE" to protect shorelines.

Action: Pat to call DNR, Jeff Halvorson regarding signs. Article on website, in the newsletter and on Facebook reminding boaters of no wake near shorelines. Jacquie to research no wake info. Randy K. to research cost for signs.

Eurasian Milfoil Discovery – Shamineau Acres resort sent an aquatic plant sample to the DNR and it was confirmed to be invasive Eurasian milfoil. There are a few plants in the northwest bay. The DNR recommends manually pulling them out. They provided names of two dive companies who are trained to do this properly. Chemically treating the area would kill the native northern milfoil which is abundant in the bay and helps to contain the growth of the invasive species. Grants are available to offset the cost of the removal. The board voted to follow DNR recommendations, apply for a removal permit and a grant. Rick Rosar obtained a quote from one of the removal companies for around \$1500-\$2000. We will get quotes from the second removal company and the board will vote on which to proceed with via email. We will notify membership of the discovery by newsletter, email, Facebook and website. The DNR representative indicating they would be surveying the lake for any other infested locations. It was also suggested we ask the membership about their opinion on paying someone to be at accesses on

busy weekends to inform boaters and educate them as to keeping boats and trailers clean of invasives. Jacquie noted that the Minnesota Sea Grant is very helpful with educational information. A company which does TSI mapping (tropic state index) called TSI Over flight sent information which we will consider at a future meeting due to cost and further information about the milfoil treatment costs and grant.

Action: Pat will submit a permit application for removal of the plants and will apply for a grant for this purpose. Pat to contact second removal company for cost quote. Jen to post milfoil info on Facebook. Jacquie to post milfoil info on website and send to email list. Fall Membership Meeting Plans – Committees purchase door prizes, each spend up to \$50. Discussed speaker ideas and will see what we can find and also try to pre-book for the spring meeting. It is difficult to find speakers to come on a Saturday.

Action: Bob confirm meeting location at Lincoln Free Church Sept 1. Sandy to get juice and rolls. Jen and Sandy to research speaker ideas. Randy H. to contact possible speakers. Committees to purchase door prizes. Al to contact Audrey in Little Falls office.

Meeting was adjourned at 11 a.m. Minutes respectfully submitted by Sandy Williams, Secretary **2**

Boat wakes cause shoreline erosion

When lake levels are higher, shorelines experience damaging erosion from boat wakes. Boat operators are asked to be considerate when operating close to shore to minimize wave impacts. There are some general boating regulations that address possible conflicts between boaters and property owners. In Minnesota, it is against the law:

- To operate a watercraft in a careless or reckless manner.
- To operate a watercraft so its wash or wake endangers, harasses, or interferes with any person or property.
- To operate a watercraft so it obstructs ordinary navigation.
- To operate a watercraft within an area legally marked off as a swimming area, or within 150 feet of a diver's warning flag.
- To chase wildlife with a motorboat, or operate a boat where it is prohibited including marked spawning beds. Avoid traversing any emergent or floating vegetation, if possible.
- Water skiing, tubing and similar acts are prohibited between one hour after sunset to sunrise of the following day.
- Personal watercraft must travel at slow no wake speed (5mph or less) within 150 feet of non-motorized boats, shore (unless launching or landing skiers directly to or from open water), docks, swim rafts, swimmers, or any moored or anchored boat.
- Operation of personal watercraft is allowed only from 9:30 a.m. to 1 hour before sunset.

Enforcement of Minnesota boating laws is carried out by the Morrison County Sheriff Department (320-632-9233) or the Minnesota Department of Natural Resources (651-296-6157).

Any change to water surface use management starts at the local unit of government - town, city or county, depending upon where the lake or river is located. Any ordinances proposed by the local unit of government must have a hearing and be approved by the DNR before they can go into effect.

Conservation Minnesota continues work of Minnesota Waters



The Minnesota Waters announced their decision in May to cease operations and to complete the steps required to place the organization's

corporate status and brand in a dormant, inactive state after months of effort to address the organization's longstanding financial challenges. Minnesota Waters and Conservation Minnesota shortly afterward reached an agreement to continue their work as one organization.

As a part of Conservation Minnesota, Minnesota Waters' members and lakes associations across the state will

participate in setting Conservation Minnesota's annual priorities, receive updates and support from Conservation Minnesota's bipartisan capitol team, and the website hosting services for lakes associations will continue. http://www.conservationminnesota.org

Lake Shamineau website best viewed with other browsers

Much of the content and features of the Lake Shamineau Association website are not visible using Microsoft Internet Explorer. Make the most of the site by using another browser such as Firefox, Google Chrome, Opera or Safari. These can be found as free downloads.



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

Please support the Lake Shamineau Association by joining now for the June 1, 2012 to May 31, 2013 membership year.
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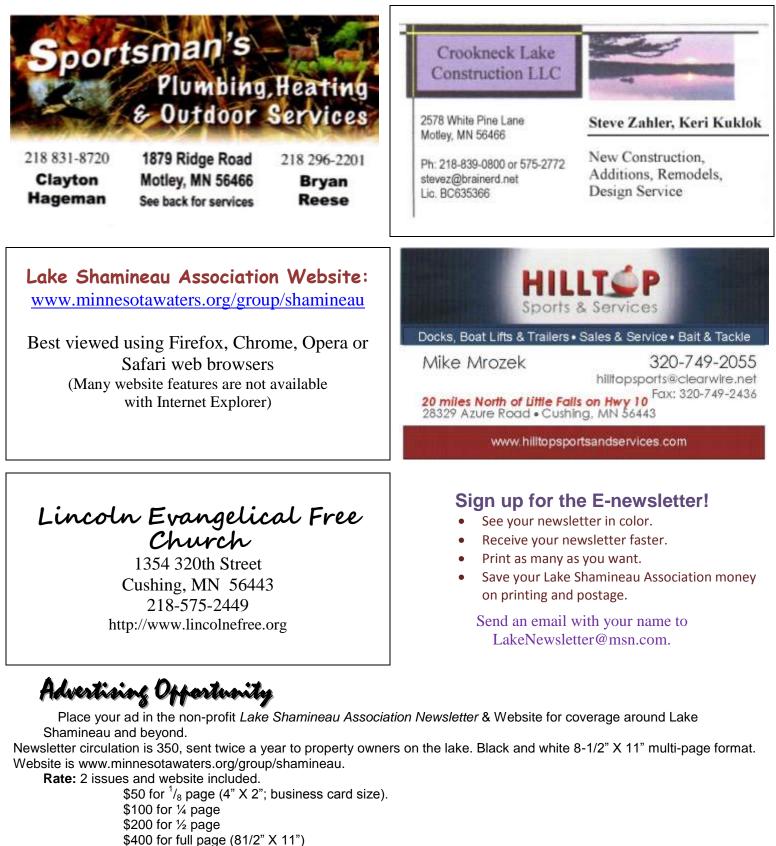
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Deadline for Submissions: 4/15 or 7/15

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

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