



Cross Lake Association

PO Box 325 Pine City, MN 55063

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www.MinnesotaWaters.org/CrossLakeofPineCounty

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August 2017

President's Message

Hello Cross Lakers,

As the Summer begins to draw to a close, I would like to take this opportunity to update you on some water quality projects and initiatives that we have been involved with. First, work is scheduled to begin in September on our long anticipated soil erosion mitigation project on the north end of Cross Lake. Funding has been obtained from numerous county and State sources, including a generous contribution from our neighbors – the Pokegama Lake Association. Minnesota Native Landscapes, a firm based out of Cambridge, has been contracted to do the work. Efforts will focus on regrading and terracing the gully so as to better control runoff, especially during storm events. It is also our hope that this project will reduce agricultural contaminants, at least to some degree. Native plants will be replanted to compensate for any incidental damage to

vegetation during construction.

The CLA has entered into a 10-year maintenance agreement with Pine County, so for the considerable contingent of our membership who are focused on water quality, this is a good example of how some of your dues are being allocated. This project had been in development for quite some time, and the Cross Lake Association Board would like to extend its sincere thanks to Jill Carlier and Kris Larson of the Pine County Soil and Water Conservation district for directing this project, and for patiently explaining its details, rationale and finances to our board members (particularly us newer folks). Again sincere thanks to past President Judy Yorston, who guided this project from its inception. That this project is finally coming to fruition is her achievement, and a testament to her constant stewardship.

As has been mentioned in previous newsletters, Pine County has retained Wenck, Inc. to facilitate a comprehensive Aquatic Vegetation Management Plan for Cross Lake and Pokegama Lake, as well as Sand and Sturgeon Lakes. For those of you who are interested in water quality (and who isn't?) the reports make for interesting reading, particularly in the different challenges faced by our county lakes, and how issues like agricultural runoff, extant phosphate loads, and both native and invasive species of plants and animals effect water quality. Those plans are now available and by the time you

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2017 Cross Lake Association Calendar

Wishing Lanterns	Saturday Sep. 2 9 pm	Bay by sunken island
Fall Membership Meeting	Saturday September 16	American Legion Hall
Dinner Dance	Saturday September 23	American Legion Hall

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The Crossings

Fall Membership Meeting

The Cross Lake Association will hold its annual Fall membership meeting on **Saturday September 16 at 9:00 a.m.** at the Pine City American Legion hall. The meeting is open to the entire membership, and will feature Rodger Hugill, formerly of the DNR fisheries division will be our guest speaker. Also, at this meeting we will elect new officers for the coming year. Any member may stand for election as an officer or board member, and the CLA Board encourages your involvement and participation.

In that regard, I would like to publicly announce that I will not stand for re-election as President of the CLA. As some of you may be aware, after careful consideration, my wife

and I have decided to put our cabin on Norway Point up for sale. Although we have greatly enjoyed the 12 years that we have spent as part of this community (and before that my wife grew up here), we are at a point in our lives where it is becoming increasingly difficult to carve out the time necessary to justify our continued ownership.

I have appreciated the opportunity to serve in this role. I have greatly valued the dedication and camaraderie of my fellow board members. This is a very special community, with a very special resource in our beautiful lake. I wish you all the best.

Respectfully, Kurt Kastel

Wishing Lanterns

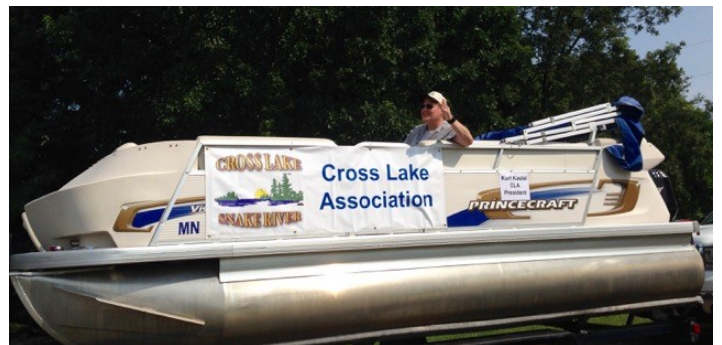
Perhaps once upon a time you wished upon a star... and it came true! Every year, on Labor Day weekend, Cross Lake friends send their wishes to the stars. Our Annual Wishing Lantern event happens Saturday of Labor Day weekend - with Sunday as a backup night. 9 pm - meet in the bay near island. The special thing? On a perfect night we have lifted 100 lanterns and it's magnificent. The fact that many years conditions make it less than optimal makes the challenge even greater to hope

for "that perfect night". Not a fund raiser - just a fun raiser!! Buy your lanterns - go for a gorgeous evening cruise - and let's all "wish for the stars". See you there! Contact me at Marykaybrautigan@gmail.com to buy a lantern or three - or go to [Amazon.com](https://www.amazon.com) and buy only the best - Birando brand wish lanterns. They are less than \$3.00 each.

Mary Kay Brautigan

Senior's Outing

Members of the CLA visited Lakeside Medical Center on Sunday June 4. The choir from Our Redeemer Lutheran church sang hymns and Root Beer floats, Ice Cream cups, cookies and lemonade was enjoyed by all. The association distributed treats to about 27 residents.



President Kurt Kastel navigates the Pine County Fair parade

PLEASE PLAN TO ATTEND OUR FALL
MEMBERSHIP MEETING 9 AM SATURDAY
SEPTEMBER 16 AT THE AMERICAN LEGION.

What's Cooking?

By Barb Videen



We are always trying to find easy, light dishes for the summer. These two recipes fit the bill, and have become favorites.

Tomato Cilantro Pasta Sauce with Shrimp

- 1/2 clove to 1 clove garlic
- 1/2 medium white onion
- olive oil
- 6 med tomatoes
- 1/2 cup or more fresh cilantro
- salt and pepper to taste
- 1 tsp. seafood seasoning (Like Old Bay)
- Shrimp (quantity depends on size) I use the 50 count bag and use 20 pieces for 2 people - about 4 oz per person.
- Pasta for 2 (We use thin spaghetti).

Sauté onion & garlic in olive oil over medium to low heat. Slowly add chopped tomatoes (remove seeds and skin if you want a better looking sauce). I keep chopping tomatoes as they cook down. Add more until you get about 3/4 cup of sauce per person. Cook tomato, onion and garlic until the mixture has a sauce texture. A few minutes before shrimp and pasta are done, add in cilantro. Sauté shrimp in olive oil and a little garlic. Add seafood seasoning. Keep warm. Prepare pasta. Put pasta in serving bowl, add sauce & shrimp. Gently toss and garnish with cilantro. Makes 2 generous servings.

Pea Shoot Salad & Lemon Vinaigrette

Pea shoots are the greens that snap peas grow on. They kind of taste like snap peas. You can sauté them and use them in various Asian cuisines. My favorite way to eat them is in a simple salad. Buy them at the Farmers' Market.

- 1/2 teaspoon lemon zest
- 1 tablespoon freshly squeezed lemon juice
- 1 clove garlic, crushed
- 1 teaspoon white wine vinegar
- 1/2 teaspoon sugar
- 1/4 cup extra-virgin olive oil
- 6 cups pea shoots (tendrils, flowers, leaves, stems), chopped
- 1/2 cup frozen peas, defrosted (I omit)
- 1/4 cup shaved parmesan cheese (or shredded)
- Freshly ground salt
- Freshly ground pepper

Dressing: combine the lemon zest, lemon juice, garlic vinegar, sugar, and olive oil in a small bowl. Whisk together. In a large salad bowl, toss together pea shoots with frozen peas. Sprinkle shaved parmesan over salad and season with salt and pepper. Pour over dressing & toss just before serving.

CLA Volunteer Picnic

Members who have volunteered for various Cross Lake Association activities throughout the year were treated to a picnic



on August 11. Barb & Dave Videen graciously hosted a cookout in their back yard on a beautiful Friday afternoon. Guests feasted on hamburgers, hot

dogs, and an assortment of pot luck goodies. We'd love to have you join next year. Please let us know how you would like to help out with our association by sending us an email at CrossLakeAssociation@gmail.com.



If you have not yet renewed your membership for this year, please fill out and return the form below. If you are already members for 2017, please share this form with one of your neighbors.

MEMBERSHIP APPLICATION

The Cross Lake Association of Pine County

Member Name(s) _____

Mailing Address _____

City, State, Zip _____

Phone number: _____ E-Mail _____

Pine City Address (if different) _____

_____ My information has changed

_____ Email newsletter and all correspondence

I would be willing to help with the following (circle all that apply).

Governing Board Membership Newsletter Boat Parade Senior Outing
Freedom Fest Booth County Fair Booth Fair Parade Dinner Dance

Membership Categories: (check one)

_____ Regular adult couples/\$15

_____ Contributing \$20-30

_____ Associate \$35-45

_____ Sustaining \$50-75

_____ Sponsor \$100

_____ Lifetime \$500

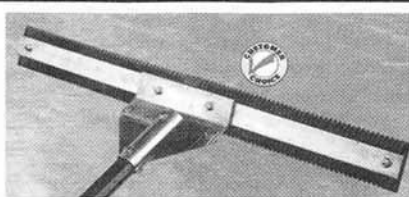
_____ Benefactor \$800

Mail to: The Cross Lake Association, P.O.Box 325, Pine City, MN 55063

Aquatic Weed Rakes

Cross Lake Association is again selling weed rakes this year to help remove Curly Leaf Pondweed from your shoreline (see pg. 5 for information on Curly Leaf Pondweed). The MN DNR allows you to remove aquatic weeds under certain conditions (www.dnr.state.mn.us/shorelandmgmt/apg/regulations.html). Spring is the best time to remove Curly Leaf. Contact Dave Videen for further information on obtaining weed rakes through the Cross Lake Association.

Aquatic Weed Eradicator



No need for dangerous chemicals. The AWE is excellent for controlling lake weeds. With a reinforced 28" serrated cutting blade, you don't have to worry about the blades bending under a heavy load of weeds. The AWE has grown in popularity every year we've offered it! Comes with a two-piece eleven-foot rust-proof powder-coated aluminum handle.

Lake Weed Maintenance

The Cross Lake Association has made arrangements directly with the manufacturer of this tool to help you reduce Curleyleaf Pondweed along your shoreline.

To purchase a Weedcutter, fill in the order form below and enclose a check for \$99 payable to Cross Lake Association. Contact Dave Videen, 612-219-8875 if you have any questions.

CUT PURCHASE REQUEST FOR AQUATIC WEED ERADICATOR

Print your name: (first & last) _____

Address: _____

City _____ State _____ Zip _____

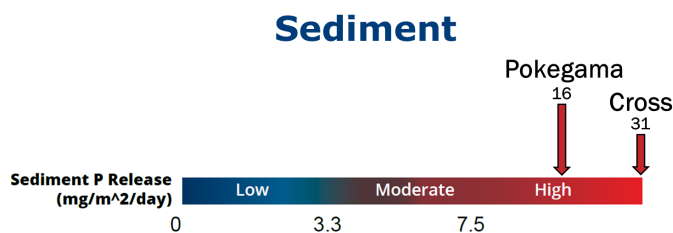
Telephone # _____

Mail this form with a check for \$99.00 to:

Cross Lake Association
Box 325
Pine City, MN. 55063
Attn: Dave Videen

Aquatic Vegetation Plan

As mentioned in the President's message, Pine County has contracted with the Wenck Associates for guidance in developing an Aquatic Vegetation Management Plan lakes within the county. This summer they studied four lakes within the county with known Aquatic Invasive Species (AIS) infestations, including Cross and Pokegama lakes. A few excerpts from their report are shown here. As is evident from the figure below, a high phosphorous level is one of the significant issues for Cross Lake. For more results from the study, and information on what can be done to address these issues, see the [complete report](#).



Pokegama Lake

- 1,515 acres
- 25 feet max depth
- 60% Littoral
- 50,000 acre direct watershed
- Influenced by Snake River and Cross Lake Dam
- Impaired – TMDL completed in 2013

Cross Lake

- 924 Acres
- 30 feet max depth
- 51% Littoral
- 5,300 acre direct watershed
- Dam controls lake and Snake River
- Impaired – TMDL completed in 2013

THANK YOU FOR CHOOSING TO RECEIVE
YOUR ISSUES OF CROSSINGS BY EMAIL. IT
SAVES US MONEY, AND IS
ENVIRONMENTALLY FRIENDLY.

Board Members

President	Kurt Kastel
Vice-President	Frank Ramisch
Secretary	Bill Casby
Treasurer	Ron Levin
Director	Jim Bartol (Newsletter)
Director	Rusty Phillips (Website)
Director	Barb Videen (Membership)
Director	Pat Brautigan
Director	Bob Rothenbacher
Director	Dave Videen



Serving Cross Lake and the Lower Snake River

CROSS LAKE ASSOCIATION OF PINE COUNTY

Cross Lake Association
P.O. Box 325
Pine City, MN
55063



«FIRST NAME» «LAST NAME»

«MAILING ADDRESS»

«CITY»«STATE»

«ZIP»

(President's Message—Continued from page 1)

read this we should have a link to them on our website. A more user-friendly PowerPoint presentation is also available.

In regard to Cross Lake, one factor that stands out is that our lake contains one of the highest sedimentary phosphate loads that Wenck has ever measured. The majority of our annual phosphate "budget" does come from those internal loads, as opposed to our lake's watershed. This differs Pokegama Lake, where watershed drainage accounts for more than half of their phosphate loads. This is not all that surprising, since Pokegama's watershed is almost ten times the size of Cross Lake's (not including the Snake River).

One working theory is that Cross Lake's high extant phosphate loads are due to the former presence of a sewage treatment plant and other industrial activities that largely ceased over a quarter century ago. That implies the persistence of such pollutants, and how difficult it is to repair "impaired" lakes. Other factors can include the influence of native and non-native plant and animal species (common carp are particularly troublesome, and difficult to accurately count). Once these other factors are controlled for, there are ways to mitigate extant phosphate loads. Probably the most promising involve alum treatments of the contaminated sediment, which will lock up the phosphates

in perpetuity. Such treatments can be expensive, however, and to be truly effective would also need to encompass improvements in stabilizing water levels (perhaps by lengthening the current Snake River Dam), and reforming certain agricultural practices. Of course, these proposals would have their own significant associated costs.

Considering our current undertaking and expenses, dealing with phosphate loads is more of a long term goal. What we are doing in the meantime is aggressively monitoring the lake for water quality and AIS, so as to have a consistent data baseline that we can use in the future to help develop potential solutions, solicit grants and inform policy makers. We can all do our part, as well by being careful about how we dispose of potential contaminants, and being thoughtful about whether and how we apply chemicals to our lawns and gardens. The Cross Lake Association sees water quality as its primary mission, and keeping our membership well-informed is a vital part of that endeavor. Only with an informed and engaged membership can we develop the consensus necessary to implement solutions.

Best Regards, Kurt Kastel

President, CLA



Cross Lake Association Dinner / Dance Hawaiian Luau -Cash Bar-

When: Saturday, September 23, 2017
Social Hour: 5:30 p.m. **Dinner:** 6:30 p.m.
Where: American Legion, Pine City
Cost: \$15.00 per person



Hawaiian Attire Encouraged



*****Baked Good Auction*****
If you can, please bring a baked good.

Reservations due by September 15th

Name: _____ **No. of Tickets** _____

Address: _____

Phone: _____ **Email:** _____

Amount enclosed: \$ _____



Questions: Contact
Lois Levin
651-271-3686

Mail Checks to:
Cross Lake Association-Dinner Dance
P.O. Box 325
Pine City, MN 55063