



Kanasatka Water Matters

News & Updates

December 2023 Issue # 9



Photo provided by Vecteezy.com

Homeowner Survey

by Scott Parker

We are asking for information on improvements made on your property to reduce runoff into the lake since **June 2021**. This date represents the completion date of watershed surveys conducted as part of the Watershed Management Plan ("WMP"), and has been established as the benchmark for all remediation projects.

Providing information to LKWA via this survey is voluntary and your responses will be kept confidential. Any information shared will be reported as an aggregate number only.

This information will be used to:

Fundraising/Capital Campaign Update

The LKWA Capital Campaign to fund an alum treatment as soon as May of 2024 is underway! A packet was mailed to all property owners of record on November 7th. Included in the packet were the following documents:

- > Cover letter
- > Pledge sheet
- > *Restoring Lake Kanasatka*, a bulletin describing the need for an alum treatment and the process of the treatment itself
- > FAQs

All of the documents listed above are also available on the LKWA website, kanasatka.org. FAQs will continue to be added and/or updated.

If you have a question we haven't answered, please contact us at

1. Track our progress against the goals and timelines in the WMP and report on that progress.

2. Follow up with property owners who made improvements to calculate any phosphorus reductions achieved.

3. Collect data on 'in-kind' contributions to be used to offset matching grant requirements and demonstrate our community's commitment to fixing our lake.

4. Collect select demographic information to support grant applications and various action items in the plan, i.e., whether your water supply is from a well or taken from the lake and if you are a full-time resident or at the lake part-time.

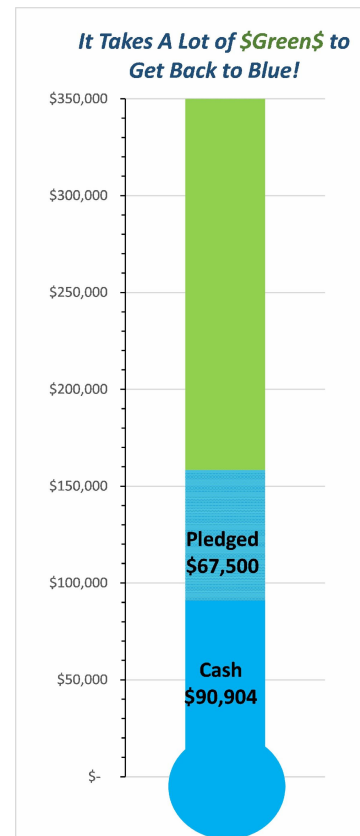
Find the survey by going to:

[LKWA Survey Link](#)

We appreciate your participation. If you have any questions, please contact us at LKWAmail@gmail.com

LKWAmail@gmail.com or LKWACommunications@gmail.com.

We are excited to announce that in the short time since the mailing, as of December 1, we have received the following amount towards our goal:



CAN YOU MATCH THIS?

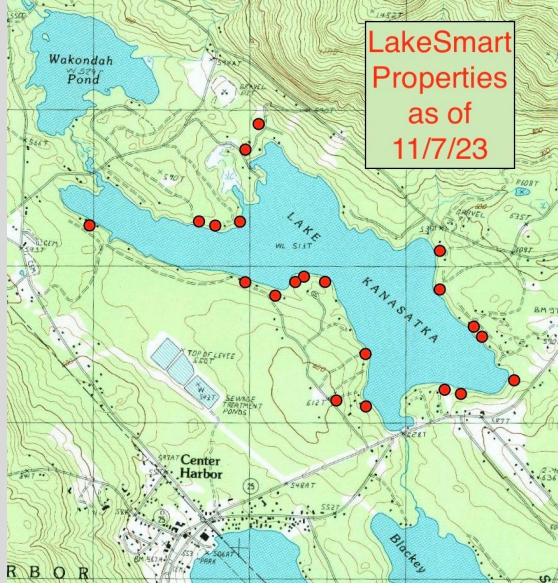


Lake Kanasatka Watershed Association, Inc. is a tax-exempt organization organized under IRC S. 501(c)3 (EIN #85-3296994). LKWA provides no goods or services in exchange for contributions, which are tax deductible to the extent allowed by law.

Did you know that over 26 million people work for matching gift companies?

ASK IF YOUR COMPANY HAS A DONATION MATCHING DOUBLE YOUR DONATION NOW!

If you are making a donation to our Capital Campaign, please check to see if your employer has an employee donation-matching program and include LKWA. Your company may use a corporate giving platform, such as Benevity, with which we are now registered. We can register with the platform your company uses, or supply the documents needed by your HR department. If you need help from LKWA please let us know: lkwamail@gmail.com.



LakeSmart Updates

Lake Kanasatka now has **21** properties that have earned the LakeSmart Winni Blue Award!

Statistics for 2023 are as follows:

- **9** Kanasatka homeowners took the self-assessment in 2023
- **10** site visits were made to Lake Kanasatka (1 of those was a photo submission to NH LAKES).
- **7** additional LakeSmart awardees

Congratulations to all of the following awardees!

- Peter & Judith Strople- 2023
- Jane Nash - 2023
- Janna & Stephen Hoiberg- 2023
- Eileen & Jim Ehman- 2023
- Ron & Sandra Bernier- 2023
- Tim & Tamera Baker- 2023
- Michelle Gysan- 2023
- Leo & Monica Dumais- 2023
- Judy Stoessel- 2022
- Max and Candy Hoene- 2022
- Mark Diette & Mary Di Maria – 2022
- Antonia & Fred Von Gottberg – 2022
- Kelly Farragher – Paras – 2022
- Colette Cooke – 2022
- Mark Whary – 2021
- Carol Carlson – 2021
- Anne O'Connor – 2021
- Chris and Scott Wallace – 2021
- Sydney Stewart – 2020
- Kevin & Sandra Kelly – 2020
- John & Mary Ann McRae – 2019



Behind the Scenes

by Kevin Kelly

“Boots on the Ground” volunteer initiative

– The summer of 2023 kicked off an amazing surge in volunteerism and community spirit focused on neighbors helping neighbors understand and resolve their stormwater runoff challenges under the direction of Board member Kevin Kelly. The project that set the tone was Sandy Cove Road. Leaders stepped forward with ideas, physical commitment and also Association dues money to purchase the needed materials. The plan was aggressive – begin by digging up the street and installing a 20-foot culvert. The organizers demonstrated confidence. The Saturday turnout of neighbors was impressive! It was very hard work because we were working with heavy mud, but there were still lots of smiles.



The spirit exhibited at Sandy Cove was contagious. Using the list of priority sites noted in our Watershed Based Management Plan, we circled the lake, and built further momentum. Projects included Camp Quinebarge, Ames Road, the Kanasatka Dam area, Deer Crossing, Burton Road and some private driveways. A total of 37 different volunteers committed over 350 individual hours, mostly on Saturdays, to reduce stormwater runoff from entering the lake. New friendships were formed, and new leaders emerged. We now have points of contact for almost every private road around the lake. I am confident that 2024 will bring renewed spirit and commitment. Emails are already coming in for

next year's projects. Many thanks to our volunteer community.

Toy Box Storage Condominiums – The stormwater management system has been completed and appears to be working effectively. Our Lake Kanasatka neighbor and Conservation Commission member, Max Hoene, has been diligently watching over this project for the past year. There were some overflows in the beginning during heavy rains, but with the assistance of the Town of Moultonborough and the full cooperation of Toy Box's contractors, the kinks were worked out. Now that the system is stabilized by adequate vegetation, it should function as we hoped.

Haffner's Gasoline Station – There have been some stormwater runoff problems at this site for many years. The new owners, Haffner's/Energy North Group inherited the problems and have been responsive to our requests. Once again, Max Hoene has taken the lead in this initiative. I was invited to attend a recent site meeting with members of the Moultonborough Conservation Commission and Energy North's VP of Real Estate, Construction and Facilities. The meeting was cordial, and we all agreed on reasonable next steps.

Rubber Razors/Water Bars – In 2022, LKWA Board Member Chris Wallace and our Facebook Administrator, Scott Parker, introduced us to a stormwater management tool called rubber razors/water bars. Chris had seen them in action at an Audubon facility in Maine. Scott quickly volunteered to purchase the materials, which include used conveyor belt material and pressure treated 2x6 boards. When Scott receives a request for a razor, he visits the property, conducts an assessment, recommends what is needed, fabricates the razors and delivers them. He has also helped install them in some cases. To date, twenty-four razors, ranging in length from six feet to twenty feet, have been installed on properties around Lake Kanasatka and have proven to be very effective in reducing stormwater runoff.

Many thanks to all the property owners who have addressed issues on their own properties and to neighbors who have stepped up to assist other neighbors with the wide range of projects accomplished around the lake this year. **Together, we are making a difference!**



Center Harbor Septic Lagoons – There are a lot of questions surrounding these lagoons and their potential impact on the groundwater within the Lake Kanasatka Watershed. Rightfully so. As Scott Parker reported in his 2021 sewer lagoon research project, the shortest distance between the ponds and Lake Kanasatka is less than 1500 feet.

The series of three lagoons were built for wastewater storage (31-million-gallon capacity, 6 ft depth maximum) and secondary facultative treatment of wastewater prior to discharge to Lake Winnepesaukee. Solids settle to the bottom of the lagoons as sludge before liquid waste is discharged from the system. In 1990, the sewage lagoons' discharge was diverted from Lake Winnepesaukee to a series of pumps and underground piping running along Route 25 from Moultonborough and Meredith to the centralized treatment plant in Franklin (owned and operated by NHDES). The lagoons currently serve 90 residential homes and 30 commercial properties.

The lagoons are operated under a Groundwater Discharge Permit issued by NH DES. The permit

was renewed in 2022, with specific conditions. New conditions were added because adequate information is not available to determine whether the lagoons are concrete lined or lined with compacted gravel. Currently, the lagoons are classified as unlined. One of the new conditions required was to establish two surface water monitoring stations, SW-1 and SW-2. SW-1 is located at the northern tip of the lagoons and SW-2 is located in the stream that flows into Lake Kanasatka at Kanasatka Road. This site is now tested for dissolved phosphorus each May, July, September and November.

I recently contacted a member of the Bay District Sewer Commission and asked for ALL the test results for SW-1 and SW-2. The Commission responded immediately and promised to send the results as soon as they receive the November, 2023 sample results. I will continue to seek more information about the lagoons and share it with our readers.



Photo 1



Photo 2



Photo 3

CORE SAMPLING

by Lisa Hutchinson

1. Core Sampling Team- L to R: Steve Landry (NHDES), Jeff Marcoux (NHDES), Bob Craycraft (UNH), Georgia Bunnell (UNH), Lisa Hutchinson (LKWA)

2. Core sample extracted from lake bottom

3. Moving the top 4" of sample into package for storage and shipping

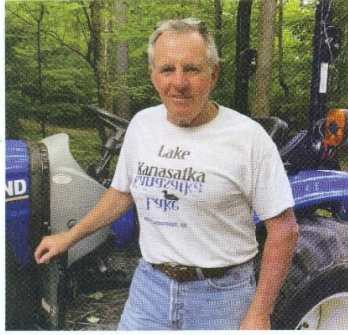
New core samples are an important requirement of our application for an in-lake alum treatment. Recently, on October 17, we took core samples from the bottom sediments at 5 different depths and locations across the lake and shipped them overnight to the lab at the University of Wisconsin. The lab provides a detailed analysis of the phosphorus, including amounts and whether it is unbound or is bound with either iron or aluminum. FB Environmental will use that information to calculate exact dosing requirements, which will then be used to finalize a quote with the vendor for the alum treatment.

By inviting NHDES to do these core samples, I realized it would support our partnership, save LKWA significant money, and give DES an opportunity to become more familiar with the lake and our efforts. I never imagined we would be in the middle of such a thick bloom and be seeing and touching such concentrations of cyanobacteria during our 6 hours on the water. It was a valuable sampling and training day, and our partners could see firsthand the extent of the issues we are facing. Thank you to Steve, Jeff, Bob, and Georgia for being key to this effort!

This article
originally
appeared in the
NH LAKES
Lakeside
newsletter, a

Uncovering the Story of Kevin Kelly, Lake Champion of Lake Kanasatka

When Kevin and Sandra Kelly moved to Lake Kanasatka in 1984, it was love at first sight. Kevin loved fishing and Sandra loved the gorgeous sunsets. Kevin was immediately recruited by his neighbor, Dick Goodwin, to become a water quality monitor and has been caring for his beloved lake ever since.



Kevin Kelly and his trusty tractor prepare for another day of helping neighbors with their LakeSmart Lake-Friendly Living projects. Discover your own lake-friendly living ideas at nhlakes.org/lakesmart.

"About 15 years ago, I noticed the water changing. Sometimes it was tea colored, sometimes it was cloudy, and I could envision bad changes ahead for my lake," Kevin explained.

In 2020, Lake Kanasatka had its first toxic cyanobacteria bloom. The whole lake turned green, and stayed that way from early August into October.

Kevin got to work. He discovered the NH LAKES LakeSmart program, and adopted every lake-friendly opportunity he could to reduce the polluted runoff water coming off his property and contributing to toxic cyanobacteria blooms. His actions inspired many of their local lake association members, friends, and neighbors to follow his example.

"LakeSmart was the key to helping people live lake-friendly around Lake Kanasatka. The non-regulatory part is essential. LakeSmart does it right: they're professional, and they make people feel comfortable."
—Kevin Kelly, LakeSmart Award recipient

Kevin shared his LakeSmart knowledge with his friends and neighbors. He discovered one of the biggest challenges to making lake-friendly changes was the availability to hire for small jobs, such as creating a stone-lined trench that soak up polluted runoff water, preventing it from reaching the lake.

Kevin picked up the shovel himself to assist his neighbors and friends and recruited several volunteers to help along the way. Together in 2023, they have helped install lake-friendly landscaping features on more than 20 properties to reduce polluted runoff water.

"Stand in the rain. I always go back and see if my changes worked to reduce runoff. But management must constantly adapt as our climate changes and storms worsen. Stand in the rain, and you'll see where the work needs to be done." —Kevin Kelly, advising on managing polluted runoff water

Kevin's advice and LakeSmart knowledge have inspired many around Lake Kanasatka to take charge of their lake-friendly living and help their neighbors execute their lake-friendly changes.

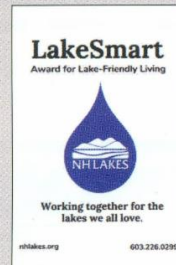
"I can't wait for the day to come when we can all swim worry-free in Lake Kanasatka, and I will not rest until that day comes," Kevin told NH LAKES. Thank you, Kevin, for being a Lake Champion for Lake Kanasatka and a leader in the LakeSmart community!

Get Lake-Friendly Living Ideas Today with Your Own Custom Report!

You can receive customized ideas for lake-friendly living on your property today by completing our free online assessment. It only takes a few minutes.

And, you'll receive immediate recommendations for lake-friendly changes you can make to your property to help stop toxic cyanobacteria blooms in our lakes.

Get started today at
nhlakes.org/lakesmart.



quarterly
newsletter for
NH LAKES
supporters.

Go to NH LAKES
for further
information.

Spring 2024 - Barn Sale / Yard Sale by Kevin Kelly

I have a Lake Kanasatka fundraising idea that we think will be profitable and enjoyable.

The idea is to host a giant two-day barn/yard sale on our 14 acre property, next spring. We have done this a couple of times in the past to clear out our own no longer used, but saleable items.

The events were quite successful and we had fun at the same time. The sales were widely advertised and folks came from as far away as Maine.

Based on my previous two barn/yard sales, I anticipate the spring sale could net several thousand dollars.

EVERY DOLLAR WE TAKE IN FROM THIS EVENT WILL GO DIRECTLY TO LKWA.

So, I am asking the Lake Kanasatka community to consider donating decent items that you are no longer using. I will begin accepting donations immediately, as I have ample winter storage space.

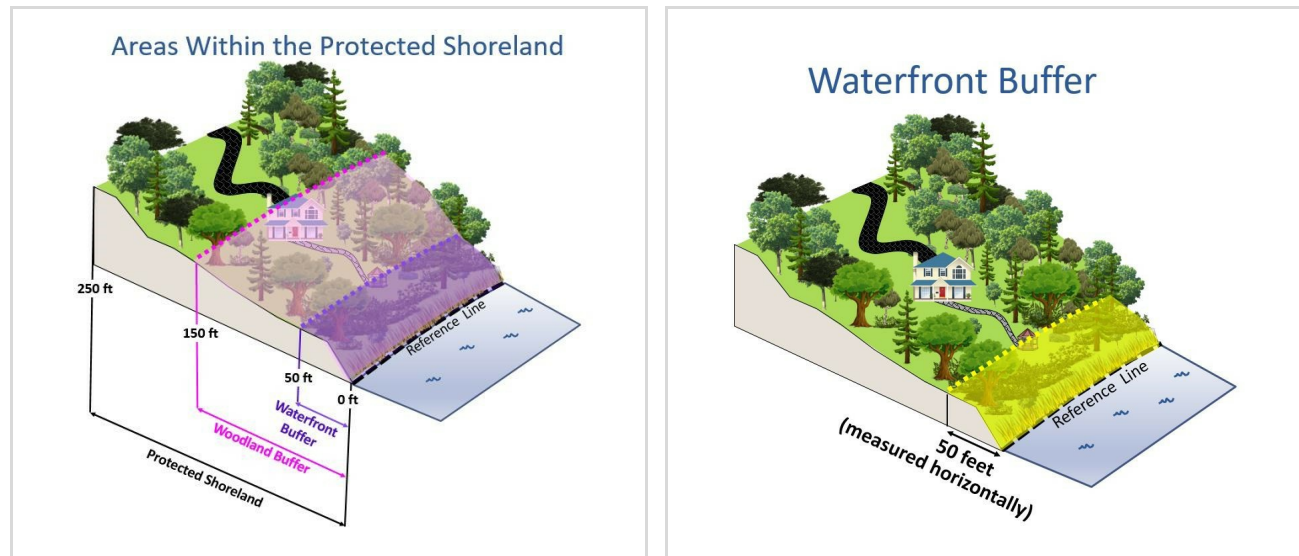
You will be provided with a confirmed list of items you donate, and will have the opportunity to recommend a sale price, and also a "reserve" price. The reserve price would be your bottom line. If

the reserve is not met, I will return your item(s).

There will be a lot of logistics involved, but we already have volunteer LKWA Board Members willing to assist.

I think just about everyone has been to a yard/garage sale, so you have an idea of what items would be most useful. We have plenty of time to plan this event, but we want to spread the word so homeowners have time to collect donations. Please wait to donate any items containing fabric or cushions until the Spring.

Any specific questions can be directed to me at kevinkelly700@yahoo.com



Shoreland Protection In New Hampshire

by Chris Wallace

In New Hampshire, the 250-foot setback area from where the land meets the water is referred to as the **shoreland**.

Gently sloping “soft” shorelands, particularly those covered in a diverse range of native plants, are more effective in maintaining shoreland stability and erosion control than artificial, hardened or bare shorelands.

Vegetation in this area forms a protective barrier against the runoff from the land to the water. These natural buffer zones absorb a substantial amount of excess nutrients from leaky septic systems, the use of fertilizers, and pet and other animal deposits, for example, before they reach the lake. Without this protective barrier, the flow of nutrients, including phosphorous, can enter the lake unchecked, causing harmful algal blooms, impacting the lake’s water quality, reducing the oxygen levels, and destroying ecosystems.

The **waterfront buffer** is the area of the protected shoreland located within 50 feet of the “reference” line. The reference line is the edge of the water body at full lake level.

Avoid replacing native vegetation in this area with stone walls, retaining walls or other impervious materials when working to protect shoreland property. The force of the backwash from waves and boat wakes against hardened surfaces leads to the resuspension of sediments in the water and can redirect wave action to other areas creating further erosion. A gently sloping buffer zone containing natural vegetation with established root systems effectively decreases the negative effects of wave action and protects the lake from runoff and erosion at the same time.

Information courtesy of The Blue Lakes Project -- bluelakes.ca

For more information see:

<https://www.des.nh.gov/land/waterfront-development/protected-shoreland>

<https://www.des.nh.gov/sites/g/files/ehbemt341/files/documents/2020-01/sp-5.pdf>

“Where do loons go in the winter?”

If you are one of those hardy New Englanders who stays in New Hampshire during the winter and doesn't flock south to a tropical locale, you may be wondering, “Well, where do the loons go in winter—do they go south, too?”

For more information go to:

<https://nhlakes.org/wp-content/uploads/9-Lake-Ecology-Seasonal-Winter-Loons-NH-LAKES.pdf>



Partner with Lake Life!

Collaborate on special designs. Raise money for your lake organization. Become a retail partner. Protecting water quality together.



Looking to do a little holiday shopping for your favorite lake lovers and contribute to Lake Kanasatka at the same time? Check out this message from our friends at Lake Life:

As we approach the end of the year, it's a perfect time to take the lead in supporting water quality initiatives for Lake Kanasatka. All LKWA community members have a chance to stand out and show their support by purchasing Lake Kanasatka products. Your show of pride of place will help drive energy and engagement.

*We hope that you will support this important project and spread the word to your neighbors, family and friends to order these products. Now is the time to stock up on **Lake K gifts** that directly fund water quality projects and studies. We're also offering free shipping on all apparel through December 10th.*

Shop now for the whole family - <https://www.lakelifebrand.com/collections/kanasatka>

Jump on in, Matthew

Lake Life® Brand

www.lakelifebrand.com

@mylifeonthelake

[603-325-3825](tel:603-325-3825)

The Important Role of Native Trees and Shrubs, and Where to Buy Them

by Judy Stoessel



**NH STATE
FOREST NURSERY**
QUALITY SEEDLINGS SINCE 1910

There has been so much great and hard work done of late, fixing drainage issues, adding

Now is a great time to start dreaming and

gravel to existing roads, building trenches, and installing rubber razors. All of these efforts are critical to saving our beloved Lake Kanasatka.

However, we shouldn't forget the role that plants, especially native trees and shrubs, play in helping to manage runoff. Their leaf and needle canopies help reduce erosion by breaking and slowing the landing of raindrops. They also provide surface area where rainwater lands and evaporates, never even reaching the ground. Their roots take up water and help create conditions in the soil that promote infiltration.

And, perhaps most important of all, when deciduous trees drop their leaves or when evergreens drop their needles, if left in place, over time they create a spongy humus layer that acts like a giant sponge. Oak leaves are the best at this—they are tougher in consistency than many other leaves like maple, birch, and aspen, so they last longer when they fall on the ground and thus improve water infiltration.

“The thick mat of leaf litter that characterizes forests with numerous oaks acts like a sponge when it rains and is most valuable when it rains hard. The water from a 2-inch downpour, for example—more than 54,000 gallons per acre—is captured almost entirely by an oak forest’s leaf litter and the organic humus it creates. Litter and humus don’t hold this water indefinitely, but they do corral it on-site just long enough for it to seep into the ground, replenishing the water table on which so many of us depend. In areas with no leaf litter, the same 2-inch rainstorm causes a flood. Bare soil cannot and does not hold water in one spot long enough for infiltration to occur. Instead, rain water rushes off-site, usually taking soil with it during each rain event, causing the soil erosion that clogs our streams and rivers, silts up our dams, and worst of all, eliminates the organic-rich, nutrient-laden topsoil that has stored tons and tons of carbon deposited over the years by plants and their mycorrhizae.” (Douglas Tallamy, *The Nature of Oaks* p. 106)

The land in the Kanasatka watershed was once heavily forested, but centuries of human settlement and use have largely cleared and opened up the land, allowing for the runoff and phosphorus that has created our current cyanobacteria blooms. To the extent possible, we need to think about expanding the vegetated areas of our properties. This means native plants, and lots of them!

planning for the spring gardening season. Purchasing native trees and shrubs can be challenging due to availability and cost. The NH State Forest Nursery provides a solution to both those challenges. The Nursery usually publishes its spring sales catalog in December each year.

They sell small bare root native trees and shrubs in bundles of ten for around \$15 per bundle. If 10 plants seem like too many, share with a neighbor. If you are trying to create a thicket of shrubbery, individual shrubs should be spaced, as a general rule, around 3' apart. This will help you calculate how many plants you need.

In contrast, individual shrubs from a local nursery are likely to cost more than \$50 each! Ordering from the NH State Forest Nursery is an incredibly cost-effective way to fill in your waterfront buffers and rain gardens. The plants are small, so this route involves patience. Shrubs will take several years to attain full size. And trees take even longer—but you are planting now for future generations.

The Nursery provides several options for picking up the plants in April or May, or you can have them shipped to you for a nominal fee. You will need to be ready to either plant them right away when they arrive, or put them into pots to hold until you are ready to plant later in the spring. This means some pre-planning so you have pots and potting soil available. You'll need to make sure the pots don't dry out. Once planted, the small seedlings will need watering regularly in the first and possibly second year (if we don't have rain) to get established, but after that they should be care free.


I encourage you to do your research and dreaming now and decide what you would like to plant so you are ready to order when the catalog becomes available. They sell out fast. You can go to the website now and look at what they sold **last** year, but we won't know until the new catalog is published what will be on offer **this** year. <https://www.nh.gov/nhnursery/>

“The water from a 2-inch downpour—more than 54,000 gallons per acre—is captured almost entirely by an oak forest’s leaf litter and the organic humus it creates. Litter and humus don’t hold this water indefinitely, but they do corral it on-site just long enough for it to seep into the ground, replenishing the water table on which so many of us depend. In areas with no leaf litter, the same 2-inch rainstorm causes a flood.” —The Nature of Oaks by Doug Tallamy, PhD

Make sure you fill out the Material and Labor Collection form. This is **IMPORTANT** for each project you do that improves your watershed. We need this information for grants and the Watershed Implementation Plan. Every hour and every dollar counts.



Cyanobacteria November 13, 2023,
Lake Kanasatka



Lake Kanasatka Watershed Association

P.O. Box 774
Center Harbor, NH 03226

Dues Notice for the 2023-2024 Year

Dues for the 2023-24 Fiscal Year were increased to \$50 per voting member by a majority vote of the membership at the LKWA Annual Meeting on July 8, 2023. Annual dues covers normal operational expenses for LKWA (not including the Watershed-Based Management Plan costs.)

LKWA operates on a fiscal year that opens on July 1 and ends on June 30. Therefore, dues in the amount of \$50 per voting member are in effect immediately.

Please complete this form and mail it with your check, payable to LKWA, with the name of the member(s) on the notation line.

Name(s):		
Address:		
City:	State:	Zip:
Telephone/Cell:	*Email:	

**By providing your email address you may receive LKWA Newsletters and notifications from time to time.*

Mailing Address:		
City:	State:	Zip:

If you have any questions, please send an email to the attention of the Treasurer at info@kanasatka.org.
 Thank you!!

Questions and Answers

I am confused about the dues. I know it is \$50.00 but is that for a family or just an individual. Can you explain?

Dues are \$50.00 per person which gives that individual one vote at the annual meeting. If an additional person in the family (spouse, adult child, etc.) wishes to vote, they would also need to become a member of LKWA and pay \$50.00 a year.

Please send your dues for the fiscal year beginning July 1 to P.O. Box 774 Center Harbor, NH 03226

LKWA Board Meeting Summaries

by Colette Cooke

10/24/23 Board Meeting

1. Consulting Contract Review

The board approved a contract with Forrest Bell Associates (FBE) for \$33,000.00 for Sediment Analysis, Alternatives Analysis, Treatment Plan and Permitting in preparation for an in-lake treatment.

2. Meeting on October 19th

Representatives of LKWA, FBE, NHDES and Camp Quinebarge met to outline the process and permitting requirements for an in-lake treatment by May 2024; vendor negotiations and public meeting will be required within a 90-day period prior to May 15.

The board discussed FBE recent site visits to document phosphorus reduction requirements and remediation work being done. Next steps include additional site visits, a vendor contract, and determining lake access for tanks and pontoon for treatment.

3. Capital Campaign

Approximately 276 homeowners would initially be contacted with requests for donations. Board members discussed mailing, timing, content, an electronic fundraising platform and were asked to contribute content for FAQs.

The board members agreed to 100% board pledge participation aimed at a minimum of \$30,000.00.

11/14/23 Board Meeting

1. Meeting with LKWA and Camp Quinebarge

The board members met with Eric and Leslie Carlson of Camp Quinebarge to coordinate actions for the planned in-lake treatment. The group agreed that (since LKWA had the contracts with FBE for preliminary testing and data reports) LKWA would apply for the permit with NHDES; Camp Q could contract with the treatment vendor, SOLitude Lake Management; and that joint cooperation would support the LKWA capital campaign and allow LKWA to contribute payments directly to the service provider as permitted for a charitable organization.

2. Treasurer's Report

Ms. Ehman reported on dues, pledges and donations received to date, as well as payments remaining due for two contracts with FBE, and the bank account operating balance of approximately \$4,000, with expenses associated with the capital campaign and legal fundraising state registrations still to be paid (approximately \$1,500).

3. Social Media

Mr. Parker (LKWA Social Media Administrator) explained the social media posting guidelines for the Facebook page that belongs to the Association. The criteria are: 1) Lake news, 2) Educational information, and 3) Entertainment (photographs). Followers can comment with content that does not conflict with the Association's objectives and goals on behalf of its membership.

4. Communications

Each of the directors agreed to write a "My Story" piece regarding the lake to be posted in support of the fundraising drive. The board discussed responses to be posted for FAQs by members and the ongoing project plan for the capital campaign. Next newsletter is planned for December. The team is working on a property owner survey which will be sent in the near future.

5. WMP Related Matters

5.1 The board discussed the documented phosphorus reduction goal of 10kg indicated in the Initial Memo to NHDES dated Oct 20, 2023, developed under their direction, and in the Draft Interim Requirements for Consideration of In-Lake Treatment to Control Nutrient Loading from NHDES.

5.2 The board reviewed work with FBE on the full application for the 319 grant and preparation for a meeting scheduled with NHDES on Nov 16. The application is due mid-January 2024.

5.3 The board discussed the fast-track alum treatment permit process: Initial Memo has been submitted to NHDES. Next steps are FBE's update of the kg/yr phosphorus reductions to date and dosing calculations based on the Univ. of Wisconsin analysis of the core samples. FBE will complete dosing calculations by the end of December, with a rough cost range for treatment, to support formal quote from SOLitude in January.

5.4 Field visits originally anticipated in November are paused until data are reviewed on sites already visited and next steps determined.

5.5 Additional topics the board raised and plan to address are: support for Town of Moultonborough on compliance issues; follow up on meetings with Haffner representatives regarding gas station on Rt. 25; plans for education for landscaping companies/property owners.

6. The Board discussed the **Capital Campaign** kick-off status, details, tax matters, receipts, follow up on corporate match programs, local business contacts, and other fundraising opportunities. Future Board meetings are scheduled for December 5 and January 16.

LKWA email contacts:

Watershed Management Plan

LKWAWatershedPlan@gmail.com

General LKWA and Board:

LKWAmail@gmail.com

LKWA Communications email:

LKWACommunications@gmail.com

[Link to Watershed Management Plan](#)

This newsletter is brought to you by the LKWA Communications Committee:

***Carol Hart, Janna Hoiberg, Kevin Kelly, Jane Nash,
Larry Pizer. Julia Marchand and Chris Wallace***

Lake Kanasatka Watershed
Association |
www.kanasatka.org

