



Windy Waters Conservancy Newsletter

waukewan.org

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Dedicated to protecting and conserving the Waukewan watershed

Fall 2018

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The name Windy Waters Conservancy™ (WWC) is the Business name of the Waukewan Shore Owners Association, a tax exempt charitable organization within the meaning of Section 501(c)(3) of the Internal Revenue Code.

The 2019 Windy Waters Storm Water Grant Program

The mission of Windy Waters Conservancy (WWC) is to protect the waters and wetlands of the Waukewan watershed, preserve the natural resources, ecology and scenic beauty of the lakes, and combat and/or prevent pollution of all types. By providing financial assistance to The Lake Winnepesaukee Association, we helped develop the Watershed Restoration Plan for Lake Waukewan and Lake Winona ("the PLAN"), which is a professionally produced document. It is quite lengthy, with very specific documentation of potential pollution causing land situations around the lakes which need to be remediated to protect the water quality of the lakes. These are generally larger scale projects requiring heavy equipment in some cases.

Not addressed in the PLAN are situations on private properties where storm water run-off or other things happen which can lead to pollution of the lake. It has been determined that storm water management is a much bigger problem than failed septic systems. Often, property owners know they have an issue, but have no idea where to turn to investigate a solution, or don't have the motivation or funding to get started.

WWC is very proud to announce THE 2019 WINDY WATERS STORM WATER GRANT PROGRAM (the PROGRAM) to assist property owners in resolving their property's run-off issues both financially and technically. WWC will use a portion of its funding set aside for Conservation to assist property owners in the cost of making remediation improvements to

their properties. (WWC is also applying for additional funding from other sources, to increase our ability to help property owners.) Often, the solutions are rain gardens, rain barrels, trenching, directing water to a collection area, etc. Many of these solutions are relatively low in cost and can be found at:

<https://www.des.nh.gov/organization/commissioner/pip/publications/wd/documents/nhdes-wd-10-8.pdf>

WWC will provide funding assistance up to 50% of the cost of the project, to a limit of \$500 per property. Applications will be approved by the Board of WWC and the projects need to be completed within one year of the application approval. For a complete understanding of the 2019 Windy Waters Storm Water Grant Program and its rules, please go to www.Waukewan.org and find a more thorough description of the program, as well as an application. If you would like to speak with someone about your property, or arrange a visit by a member of the Board, simply check the appropriate box and we will have someone call you to make arrangements.

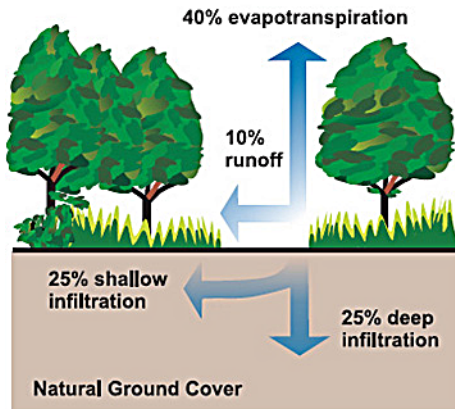
This is a wonderful opportunity to correct properties with potential pollution issues, so that generations to come can enjoy the same peace and beauty that we enjoy today. Funding and technical assistance make it a WIN-WIN situation for all.



To Pave or Not to Pave?

Living in the Waukegan watershed, we all get it now. Storm water runoff is the largest cause of reduced water quality

The Watershed Study focused on state and town efforts to control runoff from roads as a major factor. However, the surface area of private driveways may be close to that of public roads. So, for those of us with a driveway who care about water quality, to paraphrase Shakespeare: "To pave or not to pave? That is the question."



Turns out that as with most water quality issues, the answer is not simple. Seeking advice from sources such as the Soak Up the Rain team at the New Hampshire Department of Environmental Services and top posts in response to a Google search, there are more questions to answer.

Lisa Loosigian of the Soak Team asks, "Where does the storm water go"? And How far is that pour-off from the lake, river or feeder stream in the watershed? Big Berkey Water Filters (www.biggerkeywaterfilters.com) compares the management of storm runoff in a natural ground cover setting versus an impervious (paved) one. Evaporation, transpiration (from plants) and infiltration account for 90% of the water in a natural setting, leaving just 10% to run-off; versus only 45% of the water in a paved setting, leaving 55% to run-off. That means that five times more water is on the move in a paved setting.

However, where the runoff goes and how fast the runoff is moving are important considerations. If pavement runoff is directed into an area where the flow is dispersed, then very little if any sediment reaches the lakes. The slope of the driveway is another factor since a fast flow can carry a lot more sediment.

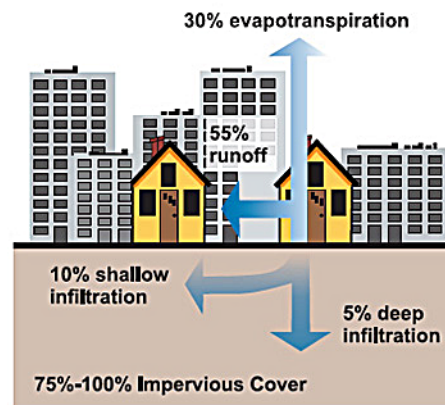
Even if pavement seems like the right answer for your driveway, there are options besides impervious asphalt or concrete. Some samples are shown at the Big Berkey website. There are concrete pavers cast in a matrix with open spaces to soak up the runoff. More data is needed about how these pavers stand up in New England conditions.

Your choice also depends on how much effort you are willing to put into maintaining the drainages on your driveway. Over time sediment will build up in collection areas and may need

to be removed.

Unfortunately, the Soak Team cannot make a site visit to every driveway, so that is where the Windy Waters

Conservancy comes in. We are here to help answer your questions and to collect data about your driveway. Go to our website www.waukegan.org and email any of our board members.



Wake Boats & Wake Surfing:

Several people have raised concerns and/or issues regarding the increasing use of wake boats and wake surfing on Waukegan. We all know that they are legal, and for those riding them, great fun. However, they can create real safety problems for the rest of us if not properly used. Some of the dangers caused by the wake boat's huge wake are:

1. Swimmers – usually close to shore, swimmers have been pushed into the rocks along the shorefront. This is especially a problem by Chapman Island with its rocky shorefront.
2. Kayaks and Canoes – These can be easily swamped, and don't forget, it's the boat causing the wake that is legally liable. Even if not completely swamped, the wake is creating fear, especially with the novice kayaker.
3. Docked boats – They can be damaged when slammed into the dock when the wake reaches shore. And again, it's the wake boat that is liable if not being properly used.
4. Shoreline erosion – Just watch when the wake hits a sandy shoreline and you'll understand.

So, what can wake boat owners do to help? Obey the law and show greater courtesy and consideration for their fellow lake neighbors.

Wake boarding requires a speed of 10 to 12 MPH. The law requires :

CHAPTER 270-D Section 270-D:2

BOATING AND WATER SAFETY ON NEW HAMPSHIRE
PUBLIC WATERS

VI. (a) To provide full visibility and control and to prevent

continued next page

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A GREAT BIG THANK YOU!



On behalf of all our members we wish to thank the Meredith Department of Public Works, Mike Faller and his team, for their outstanding support. In particular, their efforts at Swasey Park, Winona Road Improvements, and especially their correction of storm water run-off issues when performing road maintenance is much appreciated by all who value the quality of our lake's water.

As you can see in the restoration update below, the DPW has been busy dealing with our run-off issues.

Update on the Lake Waukegan and Lake Winona Watershed Restoration Plan-Remediated Sites

The Town of Meredith and the Waukegan Watershed Advisory Committee have been working together towards the remediation of road sites around Lake Waukegan named in the Waukegan Watershed Management Plan. With the help of Meredith DPW, stormwater runoff directly into the Lake has been greatly reduced.

The Waukegan Bath House and Parking Lot (1-08A, 1-06)* were completed in August of 2017 with Grant Funds and assistance of Meredith DPW.

Culvert work on Wall Street (1-13 and 1-14) were completed and improved.

Issues with Site 1-15 and 1-16 on Wall Street were addressed by Meredith DPW in September 2017.

Corner of Waukegan Street and Wall Street Catch Basin (1-12) was significantly improved by Meredith DPW in 2017.

Currently, for 2018, Meredith DPW has committed to remediate 4-5 sites on Water Street this Fall. The town manager and the public works director have agreed to site remediation as the town addresses road maintenance and improvements. Their commitment to site remediation will be on going.

*NOTE: All site references, 1-xx, refer to the watershed plan identifiers.



The Windy Waters Board of Directors wish you a Happy Thanksgiving, Merry Christmas, Happy Hanukkah and a Happy, Healthy New Year.

Please consider making 2019 the year that you make the commitment to join Windy Waters and help in our efforts to protect the health of Lake Waukegan.

Chuck Braspen
Secretary, WWC

Handwritten signature
Treasurer WWC

R.A. Mintz
President, WWC

Tony Sabatini
Asst. Treasurer, WWC

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Director, WWC

Don Trudeau
Director, WWC

Continued from page 2, Wakeboarding.

their wake from being thrown into or causing excessive rocking to other boats, barges, water skiers, aquaplanes or other boats, rafts or floats, all vessels shall maintain headway speed when within 150 feet from:

- (1) Rafts, floats, swimmers.
- (2) Permitted swimming areas.
- (3) Shore.
- (4) Docks.
- (5) Mooring fields.
- (6) Other vessels.

(b) These requirements shall not apply when:

- (1) Starting skiers from shore, docks or floats, as long as neither the boat nor the skier is endangering the life or safety of any person.

Wake speed is defined as 6 MPH, so no wake surfing within 150 feet of shore, docks, or swim floats. "Other vessels" means give kayaks and canoes a wide berth, and stay out of narrow areas such as between the islands and Jennes (or Perkins) cove. And above all watch for swimmers, these are often our kids.

As for "courtesy and consideration", even when staying 150 feet from shore, you can do more. If you see swimmers try to completely avoid that part of the lake. And I'm sure there are other ways wake boaters can keep that wake from endangering others.

Let's not let this problem grow to where we have neighbors fighting neighbors, or starting campaigns to ban them, which is happening throughout the USA.

I spoke with one wakeboarder, Eliot Orton, about the issue. Eliot was already well aware of the potential issues and doing his part to both avoid safety issues and to try to ensure other wakeboarders are doing the same. Hopefully that kind of spirit and cooperation will minimize the problem.

A Message from the Board

In our last newsletter we begged, pleaded, and cajoled, asking for volunteers to join our Board of Directors. Fortunately our pleadings were answered. At our Annual Meeting in July Donna Van Ness / Murphy offered to join and was unanimously elected. I'm sure most of you know Donna; she is the Chairperson of the Waukewan Watershed Advisory Committee, President of the Lake Waukewan Association, a great environmental advocate, and an all-around good person (also she and Frank are not bad snail hunters). We are indeed fortunate to have her on our board.

I hope that seeing all the things Donna is doing on your behalf will inspire some of you to follow her lead. To fulfill our mission to protect the watershed Windy Waters Conservancy needs more members, and importantly, more volunteers for our board of directors. I won't speak for the other board members, but I've been on the board for 8 years; 6 as Treasurer and 2 as President. This is your organization and you deserve someone with fresh, new ideas to move the organization forward.

For those of you saying "I don't have the time", it takes less than 3 hours a month. For those saying "But I'm not here in the winter", neither is our Treasurer, Art. But with his PC, networking, and a cell phone he continues to do an admirable job staying on top of everything. So please reconsider joining the board, you can make a difference.

As for membership renewals, those of you saying "I used to belong and got tired of the bickering and controversy" I can only say it's a new day, with a new attitude, a new cast, and a commitment to openness and treating all members respectfully. You owe it to yourself to give us another try.

The Windy Waters Conservancy Board of Directors **MEMBERSHIPS & DONATIONS**

Ever since our founding 30 years ago as the Waukewan Shore Owner's Association, we have worked to protect and preserve the quality of our beautiful lakes. It's your dues and contributions that have allowed us such great success with placing land in conservation, such as the Spear, Baird, and Bergeron properties. We also provide support for the Lake Host Program, the VLAP efforts, etc. Please renew your membership so this success can continue. Our membership year

has changed to July 1st. through June 30th. to coincide with our annual meeting in early July. You may send your dues or donation check made out to "Windy Waters Conservancy" to: Windy Waters Conservancy, PO Box 91, Meredith, NH 03253. You may also pay your dues or make a donation on-line with your credit card via PayPal. Go to waukewan.org and click on Membership or Donations. Contributions are tax deductible. Thank You.

Category	Amount	Operations Fund	Conservation Fund
Individual or Family (one vote)	\$50+	\$50	Balance
Protector	\$100+	\$50	Balance
Steward	\$250+	\$100	Balance
Conservator	\$500+	\$100	Balance
Life Member	\$1000+	\$250	Balance
Affiliate (Non-voting)	Donation Accepted		
Honorary	Donation Accepted		
Donations	Any	Specify	Specify
Unspecified Donation	Any	100%	0



Chinese Mystery Snail Update

In the summer of 2017, the Chinese Mystery Snail was discovered in Lake Waukewan. This aquatic invasive species is not native to our waters and is cause for concern, not only for our water quality, but for our property value as well.

Last year, after the first snail hunt, 100 Chinese Mystery Snails were manually removed from the areas of the town ramp, the town beach and Monkey Pond. There were some removed at Pollard Shore as well.

This year close to 800 Chinese Mystery snails were manually removed from those same areas. The 2 snail hunts that were held this summer extended further out into the lake with volunteers diving and snorkeling in conjunction to walking the shore line. While it may be disconcerting to discover so many of these invasives, it is heartening to know that removing these 800 snails prevented the additional introduction of 50-100 offspring per each adult snail.

The only way to control the infestation of these snails is by manual removal. Checking your shoreline weekly and joining in summer snail hunts will seriously reduce their numbers.

You don't have to wait for an organized snail hunt. Feel free to snail hunt on your own. DES is tracking the infestation, so if you do go hunting on your own and find some snails, please contact Windy Waters with the area you found them in and the number of snails you found.

It's up to each of us to be vigilant and proactive.

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