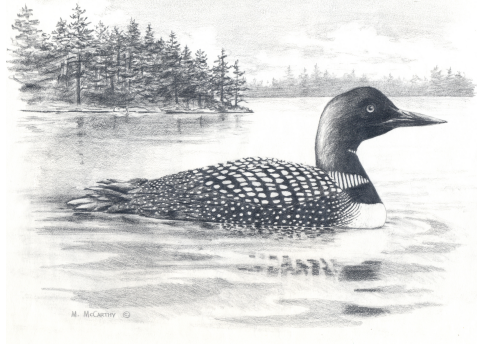


PRP Association NEWSLETTER

Spring 2019

"Dedicated to promoting the welfare of Pine River Pond and its environs."



President	Patty Philbrook	603-944-5685 president@pineriverpond.org
Vice President	John Myers	617-852-0920 vicepresident@pineriverpond.org
Secretary	Phil Valenti	603-520-8883 secretary@pineriverpond.org
Treasurer	Howie Knight	603-522-3097 treasurer@pineriverpond.org

From the President...

Sitting fireside this past winter, I received lots of messages about the eNews launch, the new email service. Thanks for the feedback and suggestions. Statistics show that eNews is 100% successful delivering to the email addresses, and that 60% to 70% open the email. Along with our Facebook page, which catches non-members, renters, family and friends, our messaging is in a good place.

Over the winter, we met with the Acton Wakefield Watersheds Alliance (AWWA) and NH Department of Environmental Sciences (NHDES) about how to approach our erosion problem. The AWWA is facilitating meetings of the local Lake Associations to address issues relating to the lakes collectively. Common issues among us are slow but steady degradation of water quality, aquatic invasive species (AIS), unsafe boating, and cyanobacteria/algae blooms. While we all share these common issues, the group decided to have a Maine and NH group meet separately. The NH group created a plan to set up a pool for paid Lake Hosts to pick up extra shifts at other lakes when they're not scheduled to work on their home ramp. Sharing of trained paid Lake Hosts helps

them get more hours, and keeps the ramps covered for each of us. The group also plans to ensure awareness of the importance of water quality is kept as a high priority with the Town, and that the newly elected Board of Selectmen have an opportunity to tour each lake by boat with each Association to familiarize themselves with each of the Wakefield waterbodies.

The State is now studying the effects of wake boats on NH lakes, NHDES and the PRP Association supported it because waterfront owners are seeing erosion damage where none was experienced prior to the widespread use of wake boats. If you are considering investing in the purchase of a wake boat, please be aware of the study which may impact the use of wake boats on smaller waterbodies such as PRP.

It's certainly not fun when a water quality issue shows up. Province Lake has been plagued in recent years with cyanobacteria blooms. Experts believe the "cyanos" were caused by severe storms and powerful winds that churned up the waters and sediment, releasing the bacteria. Cyano is toxic to humans and pets. Dogs that swam or drank water contaminated with cyano have suffered death, and humans have become very sick. All water bodies have cyanobacteria to some degree. Usually blooms appear during hot spells in shallow waters. PRP experienced algal blooms last year, and we will keep you current on this issue through our eNews service.

We all want to have the best possible conditions to swim and recreate in. On behalf of the PRP Association, thank you for all that you do that helps keep PRP the paradise that we all love so much.

Patty

Membership Renewal

Included with this Newsletter is your Membership Renewal for 2019-2020. **Please update your information if needed, and RETURN BEFORE JUNE 30th with your dues.** Memberships dues can also be paid at the PRP Store during business hours. They accept payment by cash, check, or credit card.

An important part of being a PRP Association member is getting important information timely. Please be sure we have your current email (or phone number if you don't have an email address) in the event the Town or the State requests we contact our members.

Has someone new moved in near you? Let them know about the PRP Association, and put them in touch with any Officer so we can welcome them to our special corner of NH

Annual Meeting

The annual meeting will be held on **July 6th at 9:00 a.m. at the Kolb's residence, 87 Olde Pine Road**. Parking is available across the street, and remember to bring a chair.

Join us to learn what the Association is doing and how your dues are spent. This year's guest speaker is the President of NH Lakes, Tom O'Brien. Check out their website at nhlakes.org. We have NH Lakes to thank for making a Lake Host Program possible, and for keeping us aware of legislative items concerning lakes in NH.

Fireworks

Don't forget to include a fireworks donation with your 2019-2020 Membership Renewal, and mark your calendar now for **July 6th** (rain date is July 13th). **During the show, boats MUST remain back 300 feet or the show will stop — don't be that person!!**

We all enjoy this show immensely and want to continue the tradition. In the interest of the water, we kindly ask for your help in cleaning up any fireworks residue in the water and on shore after the show.

Boat Parade

The Boat Parade will be on September 1st at 2pm (rain date is September 2nd at 10am). This is a fundraiser for our invasive species fund. There will be a collection boat for donations at the sandbar a hour before the parade starts. The Parade leaves from the Sandbar heading west, and there will be prizes again this year.

PRP Store

The PRP Store is open for the season! With the largest selection of Pine River Pond merchandise in the world, you are sure to find just what you need. Isn't it about time to upgrade that 15-year-old PRP Sweatshirt? In addition to sweatshirts, we have ice cream, hats, t-shirts, fleece and nylon jackets, glassware, travel mugs, koozies, maps, cribbage boards and Lake Art. We now stock woman's sport shirts, t-shirts and fleece jackets for those cool nights on the boat. PRP Gift Certificates are available and make a great gift, as well as a special way to thank that neighbor who kept an eye on you camp over the winter.

Store hours are Saturday 10-12 and Sunday 10-2. Our Annual PRP Sale will be Sunday June 30th from 10-2, and there will be free hot dogs, chips and lemonade that day. The PRP Store is located at 500 Pinewood Shores. By boat, we are mid-lake, just south of the sandbar (look for the open flag hanging from our dock). We accept credit cards, checks and cash.

We are looking for volunteers to help staff the PRP Store. If you are over the age of 17 and would like to volunteer a few hours, we will be creating a list of volunteers to staff the store when we are not available. With enough volunteers, we would also like to extend our hours until 2pm on Saturday. Training will take place in June and will take about 15 minutes. Volunteering at the PRP store will be a great way for you to meet many of your fellow PRP friends and neighbors. **To volunteer, or if you have any questions, reach out to Tom & Shelly Daniels at tdanielsprp@gmail.com or 978-880-8055.**

Lake Hosts

Lee and Liz are back on the ramp again this year as our first line of defense against AIS so be sure to have them do a courtesy watercraft inspection for you. Each inspection they do is important because we need to perform a certain number of inspections to qualify for the grant money which partially funds our Program. The time you take to allow for a courtesy boat inspection by our Lake Hosts is greatly appreciated. By picking debris floating in the water, you're helping to keep PRP healthy.

Paul Romano is taking over from Tom Daniels as the Lake Host Program Coordinator. Paul will make sure that our local program runs smoothly, and will oversee Lee & Liz as well as our volunteer staff. Consider being a Lake Host volunteer. When Lee & Liz return to school, we need volunteers to cover the late summer shifts. The training is online and you get to wear the cool blue t-shirt! There's no minimum time to volunteer either. Do it as your availability allows. It's a great way to meet others PRP folks.

Invasive Species Watch

The Weed watch team will begin monitoring the shoreline for Invasive Species in June. Additional volunteers are needed to join this effort. Volunteers will need a kayak or canoe to get close to the shoreline, and devote a few hours a month monitoring a section of the shoreline. You pick one day a month during the months of June through September, and monitor whatever amount of shoreline that you're comfortable with. If you can help out, please **contact Cindy Pfieffer at clpfeiffer9@gmail.com.**

Loon News

If a chick is born this year, we will organize the Loon Watch Volunteer Program to shadow the baby chick as it grows. Dave Lee has turned over his loon watch responsibilities. Our most sincere thanks go out to Dave for all he did to educate us, and promote protecting our gorgeous and captivating loons. He worked tirelessly, and his dedication is greatly appreciated by us, and the loons.

Safety

The Safety Committee is working to set up emergency rescue points at locations on the east (near Route 153) and west (near Route 16) sides on PRP. If an emergency occurs on the water, these points will enable rescue personnel to get help to a victim as fast as possible. More details will be made provided as they become available.

Have you noticed the two 150-foot marker buoys on PRP? One is located near the Lord Road boat ramp, and the other is between Windy and Spindle Point on the opposite shore from Morin Point. Their purpose is to give you a visual clue of the allowable distance for the “safe passage law”. If you’re inside that distance from another watercraft, swimmer, or shore, slow down to headway speed. Be safe out there!

Water Quality

We participate in the Lay Lakes Monitoring Program, and testing of PRP is performed by some dedicated volunteer members and the UNH Cooperative Extension. Several samples are collected and analyzed throughout the summer to help us in our efforts to preserve our water quality.

You can view PRP’s Water Quality Reports online at <https://extension.unh.edu> (type Lay Lakes Monitoring Program Lake Reports in the Search box). Once on the Program Reports page, use the filter and select Pine River Pond. You’ll see 2 reports for 2016 and 2017. One details the sampling, and the other is a summary. The Summary of Conditions includes our historical data going back to 1986.

	2013	2014	2015	2016	2017	2018
Water Clarity shown in m	5.4 exc.	6.0 exc.	5.4 exc.	5.8 exc.	4.9 exc.	5.7 exc.
Total Phosphorus shown in ppb	6.8 exc.	6.2 exc.	7.5 exc.	6.7 exc.	7.1 exc.	5.9 exc.
Chlorophyll a shown in ppb	3.3 fair	2.7 exc.	2.7 exc.	2.5 exc.	3.9 fair	1.9 exc.
Dissolved Oxygen shown in mg/L	1.4 poor	1.2 poor	0.8 poor	0.2 poor	1.7 poor	1.7 poor

Water clarity, used as an indirect measure of algal productivity, is generally good and historically shows an improving trend. Phosphorus, a key nutrient that stimulates algal blooms and excessive plant growth, particularly invasive species, continues its historical downward trend, however, while phosphorus improves, water clarity is decreasing. Chlorophyll *A*, a measure of microscopic plant life, displays an increasing trend historically. Algal growth is promoted by phosphorus, increasing chlorophyll. Low dissolved oxygen can kill or

stress organisms and release phosphorus from sediment that further degrades water quality. Over recent years, poor dissolved oxygen levels have been a continuing area of concern. A concentration of 5.0 milligrams per liter (mg/L) is considered the threshold for excellent growth and reproduction of cold-water fish. The range of 2.0 to 5.0 is considered fair. Below 2.0 is poor and that’s where we have trended for quite some time.

What’s important for everyone to understand is that very low dissolved oxygen levels in PRP’s deep layer indicates the potential for internal phosphorus loading, which could result in degraded water quality.

Shoreline Erosion

If you are experiencing erosion, especially undermining of your waterfront, please let Howie Knight know at treasurer@pineriverpond.org. We need to document these areas with pictures and measurements if possible, to build a repository of evidence to deal with the problem. If you are interested in participating or helping compile the data in this endeavor please let Howie know.

In addition, AWWA provides free technical assistance to evaluate and design solutions using Best Management Practices (BMPs), and if the project is suitable for the Youth Conservation Corps (YCC), you have the option to be a project host. **If you have a runoff or erosion issue on your property, you can call AWWA at (603) 473-2500 for assistance, or visit www.awwatersheds.org/take-action.**

AWWA is unique to our area. It was formed in 2005 and exists exclusively for the lake associations in the Wakefield and Acton watershed area. Several PRP members were instrumental in forming AWWA, and the first (YCC) project was performed on PRP. For this reason, we encourage donations to sustain AWWA to keep this valuable and unique resource available to us all.

Native Milfoil Project

Under the guidance of Solitude Lake Management, the organization that performs our yearly lake survey, we are conducting a NH Department of Environmental Services (NHDES) State-approved test on a small area near the Bass Point boat ramp to determine if our mitigation methods might prove successful. While the milfoil in the area is native and not nearly the threat of a non-native species, it has the potential to be a big nuisance for boaters and swimming in the area. According to NHDES, it is native to NH but, as far as we know, not to PRP.

A volunteer project last fall removed lots of debris that collected in the boat ramp area over the years. This debris is a natural fertilizer for native milfoil. Removing it should

slow down the growth of the plant that is not covered by the benthic mats. More volunteer projects are being planned for this fall to remove debris collecting in areas around PRP. Last fall's project turned out great even with the clouds and mist. New acquaintances were made, lots of debris was cleared out, the workout was fun, and everyone participating felt good about what was accomplished.

We are hoping our efforts will reduce the growth and nuisance created by this plant. The benefit of our efforts won't truly be known until 2019. Depending on the success we are hopeful these methods can be used, where needed, in the two bogs as well. **Contact Doug Stewart at dcstewart77@yahoo.com or 603-548-9350 if you'd like to help out this year.**

Committees

The following is a list of committees along with their Board of Directors liaison so you know who to contact.

Committee	Subsets	Coordinator	BOD Liaison
Erosion		Howie Knight	Patty Philbrook
Fireworks		Doug Stewart	Joe Carriere
Water Testing/ Quality	Testing Quality	Dave Boisvert Joe Carriere	Patty Philbrook
Loon Protection		Joe Carriere	John Dailey
Boat Parade		Tracey Kolb	John Dailey
PRP Store		Tom & Shelly Daniels	Howie Knight
Member Services	Coupons eNews Newsletter	Amy Burkam Patty Philbrook Bill Oatis	John Myers
Invasive Species	Weed Watch	Cindy Pfeiffer	Doug Stewart
Lake Host		Paul Romano	Doug Stewart
Membership		John Meyers	Phil Valenti
Safety		Guy Philbrook	Phil Valenti

In Memory Of...

Sadly, the following people in our PRP community have passed. We extend our deepest sympathy to their family and friends.

Edward Crowley of Old Camp Road died November 7, 2017.

Kevin Hughes of Pickerel Point Road and Holtsville, NH died in February 2018.

Pete Congdon of Anglin Road died June 22, 2018. Pete was a past PRP Association President.

Harvel "Wink" Winkley of Grenier Rd and Albany, NH passed away on July 26, 2018. Wink bought on PRP in 1945.

Millie Barend of Barend Drive passed away November 6, 2018.

Adelaide Hardwick, formerly of Chandler Road, passed away December 18, 2018.

Don Gray of Camp Road passed away on January 3, 2019.

Gary Goldsmith of Massachusetts and Olde Pine Road passed away on January 29th. He was the youngest son of Gladys and John Goldsmith.

Artie Robinson of Dracut, MA and Pickerel Point Road passed away on February 15, 2019. Artie and his late wife Nancy loved cruising Pine River Pond chasing the sunset.

Myles Carroll of Olde Pine Road and Manchester by the Sea on February 27, 2019.

Gene Schulz of Joyce Terrace passed away on March 27, 2019. He served as President of our neighboring Pine River (homeowners) Association.

Lois Royal of Cese Way, and a long-time resident of PRP passed away on April 4, 2019. She was loved by many, and known as a consummate storyteller.

Ronald E Vermette of Morin Point and South Berwick, Me, passed away on April 10, 2019. He enjoyed many years with his family on PRP.

Frank Covie of Amelia Island, FL and formerly of Crew Rd passed away on April 16, 2019.

Joan Crew of Crew Road North passed away on May 18, 2019. Her family was one of the first residents on the southwest side of the lake. Crew Road is named after her family.

Bill Oatis, Editor