



*Lake Shirley Improvement Corporation*  
*“The Eagle Newsletter”*  
*Spring 2017*



*Visit us at [www.lakeshirley.com](http://www.lakeshirley.com)*

Dear Friends of Lake Shirley:

Happy spring, it is such an exhilarating time of year! I look forward to having each of you at the Annual Lake Association meeting on Wednesday, May 17, 2017, at 7:00 pm, at St, Anthony's Hall, Shirley, MA. I know that isn't always possible because life happens. However, even if you cannot attend the meeting, know that your membership dues are still at work, and are essential to our association. Additionally, I would like to express my sincere gratitude to the board of directors who go above and beyond their dues through their additional donations of time and money. One thing that doesn't change is the fundamental truth shared by my favorite author Dr. Seuss' in the book "The Lorax," **"Unless someone like you cares a whole awful lot, nothing is going to get better. It's not."** So, what can you do to help? Become an active member of your association and help keep our lake viable.

The board has continued to be very busy during the winter season; we are still working with the Lunenburg Conservation Commission to approve our Lake Management Plan (LMP). We have been meeting monthly to get the plan finalized. You can find a copy of the LMP online at <http://www.lakeshirley.com/assets/2016-management-plan>. As part of the plan, the LSIC is going to survey and potentially treat the lake for the following: early season (April/May) for curly-leaf pondweed and a mid-late season (June/July) treatment for Naiad and tapegrass. We hope that our plan to evaluate and treat earlier will limit the amount of plant die-off and prove to be more proactive in our overall weed management.

The board attended two Shirley Conservation Commission meetings in April to request an extension of the existing order of conditions; they were extended for another three years. Thank you to the Shirley residents that came in support of the LSIC.

As you fill out your membership form, I would strongly encourage that you provide your email address and take a minute and go to <http://www.lakeshirley.com/> and click on "Join Our Email List" for up to date information on what is happening on the lake. The e-mail option has significantly improved the association's ability to provide information in a timely manner, and it is free.

Remember that the LSIC monthly board meetings are open to all association members. We hope that you'll be able to join us. Dates of upcoming meetings are May 17th, (Annual Meeting) June 7th, August 2nd, September 6th, and October 4th. They are held at the Bootlegger Restaurant, RT 2A, Lunenburg, MA at 7:00 pm. I want to thank all the residents that pay their yearly dues. Without YOUR contributions, the LSIC would not be able to support the much-needed Lake programs.

When the lake goes brown we all frown, when the lake turns green no one in the water can be seen, when you swim and feel the weeds you call the association with your pleas, everyone is busy, with a limited amount of time, all have to help keep such a beautiful water find. Please volunteer, the lake needs help, that is a certainty without a doubt!

Sincerely,

Joanna Bilotta-Simeone

President, Lake Shirley Improvement Corporation

**Annual Meeting Agenda**  
Lake Shirley Improvement Corporation  
P.O. Box 567  
Shirley, MA 01464

**Date:** Wednesday, May 17, 2017

**Time:** 7:00 p.m.

**Location:** St. Anthony of Padua Church Hall (14 Phoenix Street, Shirley, MA 01464).

1. Roll of officers and Directors. (Les Smith, Secretary)
2. Determination of a quorum of 21 paid members. (Perry Jewell, Membership)
3. Proof of meeting notice ~ spring 2017 Newsletter. (Joanna Bilotta-Simeone, President)
4. Reading of minutes of the May 18, 2016 Annual Meeting. (Les Smith, Secretary)
5. Presentations ~ Guest Speakers
  - Police Chief Marino, Lunenburg Police Department
  - Fire Chief Sullivan, Lunenburg Fire Department
  - James Straub, DCR, Lakes & Ponds Program
  - Josh Perry, Solitude Lake Management
6. Reports of Officers and Committees
  - Vegetation and Algae Management (Jackie Ramondelli & Joanna Bilotta)
  - Water Quality (Les Smith)
  - Dam & Safety (Richie Patry & Ron Wilson)
  - Website (Jay Ellowitz & Jay Simeone)
  - Bylaw Change (Justine Morgan)
  - Update on Membership (Perry Jewell)
7. Unfinished business.
8. New business.
9. Election of Officers and Directors
  - Vote for Secretary and Treasurer
  - Nomination and Vote for Board of Directors
10. Adjournment

\*Immediately following the Annual meeting, the 2017 elected Board of Directors will elect the President, Vice President.

## **THIS PAST YEAR-----LAKE MANAGEMENT PROGRAM**

**May 23<sup>rd</sup>, 2016 -- Pre-treatment lake inspection**

**June 14<sup>th</sup>, 2016 -- Obtained license to apply chemicals from MA DEP**

**June 15<sup>th</sup>, 2016 -- Reward herbicide treatment (for weeds)**

**July 28<sup>th</sup>, 2016 -- Copper sulfate treatment (for algae)**

**Monitoring for algae and water clarity reading taken April thru September**

**Post-treatment lake inspection -- October 6<sup>th</sup>**

If you would like more details about this past year's program, all reports can be found on the website. Check it out! Also, future plans and news can be found.

[www.lakeshirley.com](http://www.lakeshirley.com).

Our lake management program has been continually evolving since its beginning in 2006 when our lake turned a horrible pea soup green. For many years prior our Lake Association had tried to maintain and control our weed problem along with the algae, without a whole lot of success. Unfortunately, drawdown alone had never been enough.

Since then much has been done by the LSIC along with many professionals to get the data we have accumulated and the success we have had in taking care and maintaining our beautiful lake. None of that would have been possible without the help of the people who love this lake. Hats off to all of you!! Special thanks to Joanna Bilotta and the LSIC board.

In order to continue in the direction we have been going, we all need to contribute and pay dues. It's not really fair for some to pay and all to benefit. We all have bills and hardships to deal with so if at all possible, help, even if it cannot be all. We also appreciate people who are willing to help by joining the Board of the LSIC or volunteering with some time. There is much to do and few to do the work. Many, many meetings with both Conservations in Lunenburg and Shirley have had to be attended to get approval to do the great work that needs to be done. Maintaining water levels, doing testing, reporting, notices, posting, etc., all take time and people. Things do not happen by themselves.

Our lake will continue to thrive as long as the people who live on it, love it and help support it!! Thank you to all and have a happy, safe summer.

**<http://www.lakeshirley.com/directors.html>**

**Water Resource Services Inc.** Summary of results for Lake Shirley 2016 spring and summer conditions, submitted by Dr. Kenneth Wagner

Toured the watershed and lake shoreline to assess key input points for surface water and understand the drainage pattern. While there are steep slopes in many areas, erosion was limited and storm water drainage systems were few. The main surface water inlets are all to the upper basin of the lake. Drainage from shorefront properties goes direct to the lake, but with few pipes or ditches that were evident. Drainage within the apparent watershed but off the lake goes mostly to wetland or ponded depressions. These may overflow to the lake in especially wet periods, but provide substantial detention and no overflow was observed on any site visit in 2016. Much of this water may move more slowly through the sandy soil to the lake, removing many possible contaminants. Lake Shirley inlets include Easter Brook, Catacoonamaug and a wetland tributary off of Reservoir Road. These were sampled in dry weather, during first flush and post-storm conditions. Passive samplers were placed in the streams to capture first flush stormwater and were delivered to Microbac Laboratories, Inc. in Lee, MA. Samples were tested for ammonia, total Kjeldahl nitrogen, nitrate+nitrite, total phosphorus (TP) and dissolved phosphorus (DP). This summer had few rain events. In comparison to the last 8 years, there was a little less than half (48%) the average precipitation from May to August. Despite this, we were able to capture at least partial data from 4 storm events, with Easter Brook successfully sampled most frequently. On June 15, 2016, the two main inlets and the outlet were assessed under dry weather conditions for water quality parameters measured by field instruments, including temperature, dissolved oxygen, specific conductivity, pH, chlorophyll a, and turbidity. Note that the sum of the two main inflows does not add up to the measured outflow, suggesting other water sources. No other flowing surface water was observed on that date, and it is likely that the difference was ground water. This is an unassessed potential source of nutrients, especially in light of the use of on-site wastewater disposal systems. But the dry weather field data suggest no problems; values are within normal ranges and consistent with the sandy soils and many wetlands in the area. Water quality data for all inlets under dry conditions Field data are not collected by passive samplers, and the focus is on laboratory data for nutrients. In general, most values are moderate, with a few higher and lower values, but no clear trend of excessive nutrient levels. It is expected that forms of N and P will be elevated in first flush stormwater, but the expected runoff P concentration for developed areas is  $>0.30$  mg/L and the expected N level is  $>3$  mg/L. Very few values exceeded these thresholds. The area is not extensively developed, and there are many wetlands that help trap nutrients. Most N and P enter the lake as particulate matter which is not readily available for algae or plant use and becomes part of the sediment by settling. There is considerable variation in nutrient levels over time and space, and it normally requires 10 or more storms spread out over several years to adequately characterize storm water, but the results suggest a fairly normal pattern of low inputs during dry weather, a short period of elevated inputs early in a storm, then a return to lower loading as accumulated contaminants are washed out of the drainage area. The peak inputs may indeed represent substantial loading, but this occurs only during a relatively small period of time overall. Considering potential impact of inputs on a lake, we tend to flag values  $>0.05$  mg/L for TP and  $>1.0$  mg/L for TN. All three sampled inlets exhibited high values in at least one event (Figures 1 and 2) by those thresholds, but high values do not occur all the time. Looking at Easter Brook, which yielded the most samples, TP was elevated in 2 of 6 samples and TN was high in just 1 of 6 samples. There is certainly a storm water issue to be addressed, but incoming water quality is not a daily threat to the health of the lake. Please see the complete summary at

**<http://www.lakeshirley.com/directors.html>**

**EUROPEAN NAIAD**



**EURASIAN MILFOIL**



**VARIABLE MILFOIL**



**FANWORT**



**PURPLE LOOSESTRIFE**



**CURLY-LEAVE PONDWEED**



## **LAKE SHIRLEY DAM REPORT 2016**

On October 15, 2016, the Lake Shirley draw down process began. This year was different than most years, based on the severe drought conditions. The concern this fall was that the water level in the aquifer that supplies private shallow wells could be more impacted due to the severe drought. Many aquifers, especially those that do not have an abundant recharge, are affected by the amount of water being pumped out of the shallow wells. This can happen during drought, due to the extreme deficit of rain. Having met with the conservation commission regarding this seasons drawdown the concern that the water aquifer could be affected. It was decided not to do an aggressive drawdown, to try to lessen the impact on Lake Shirley residents that have a shallow well. I especially would like to thank Rich Patry for all his help with the management of the lake levels and completing our flow rates with the state and conservation commissions during the spring refill. We were able to meet both Lunenburg and Shirley Conservation Commissions Order of Conditions to have the lake refilled by April 1st. Refilled was accomplished on March 30, 2017.

Ron Wilson,  
Lake Shirley Dam Keeper

### **THE LAKE SHIRLEY WEBSITE: WWW.LAKESHIRLEY.COM**

We work to keep our website informative and active with our up-to-date news, events, contact info, bylaws, minutes and photos.

Email: This website gives us the ability to send out automatic notifications by email of weed and algae treatments, drawdown, lake events and general news. To receive the automatic emails, you must register your email using the tab on the contact page that says "Join our email list." You can also update and confirm your email with LSIC to receive newsletters thru email instead of postal mail. This will help reduce our operating cost by eliminating paper and postage, not to mention saving time as this is all done by volunteers. Please register your email using the form on the contact page.

PayPal: You can now pay your yearly dues thru PayPal anytime, day or night, whenever it's convenient for you. Using PayPal also helps reduce cost by reducing the number of paper bills that need to be mailed out. Please consider using PayPal, located on the membership page.

Advertising: You will notice on the home page, four shaded boxes labeled "Advertisement" We will also be selling these advertising spaces on the website to help pay for the annual website maintenance. We have multiple options for advertising space. If you are a local business and are interested in advertising on the website, please send me an email for more information. Remember, this is tax-deductible as we are a non-profit.

Jay Simeone,  
Website Manager

## MEMBERSHIP

A special thank you to all of the LSIC 2016 PAID Members, without your commitment and contributions the LSIC would not be able to complete these lake management programs financially.

Membership is off to a great start with over 50 homes already paid.  
So, you don't have to wait until the annual meeting to pay your dues.

Send your, \$300, \$450, or \$600 2017 contributions to:

LSIC

PO Box 567

Shirley, Ma 01464 or use PayPal on the Website

The LSIC uses your funds year-round for our Lake & Weed Management Activities including the necessary treatments and a major prevention focused program to be prepared for any algae outbreaks.

Potential members might be asking, "What's in it for me?" The answer is simply "Water." Whether you enjoy fishing, boating, swimming, water skiing or just sitting and watching the sunrise or set, it can't be enjoyed to its fullest if the lake becomes overgrown with invasive weeds or is so filthy with algae and smells that you wouldn't or couldn't even let your dog swim in it!

You also might be asking, "How does my dues get used?" Most importantly, your dues allow monies to be directed *to lake improvements and to fight invasive species*. Budgets for these efforts vary, but it is not uncommon to spend a minimum of \$30,000.00 up to \$60,000.00 or more per year on fighting invasive weeds and improvement projects.

Please consider joining the association. As a new resident or one who has drifted from the association, consider this: We are *stewards of the land and lake* we live on and use. *We are responsible for its future!*

*Thank You, from the LSIC Board of Directors!*

**Every Member**

**Counts**

## 2016 LSIC MEMBERSHIP

<b>Last Name</b>	<b>First Name</b>	<b>Last Name</b>	<b>Frist Name</b>	<b>Last Name</b>	<b>First Name</b>
Adams	James	Graves	Earl	Perkins	Mary
Anderson	Terry	Griffin	Shannon	Perko	Sandra
Apollonio	Ben	Griffis	Caroline	Petricca	Anne
Baker	Paul	Hamberg	Joanne	Pirro	Nicholas
Balducci	Susan	Hantschar	Anna	Planitzer	Kerry
Barlow	Jennifer	Harper	Stephen	Polcari	Anthony
Bean	Steve	Herman	Lois	Rahaim	Nancy
Beard	Anna	Hitzenbuhler	Sean	Ramondelli	Jacalyn
Bell	Nanci	Holman	Irene	Reinhart	Kathleen
Bilotta	Amedeo	Howard	John	Rivard	Steven
Bilotta	Joanna	Huse	Charles	Schmidt	Claire
Bolio	Judith	Jewell	Perry	Serra	Fernando
Boucher	Steve	Johns	Debbie	Smith	Les
Bowen	Don	Kidder	Margaret	Solomon-Bouchard	Sharon
Brisson	Brian	King	Linda	Spindt	Gary
Burke	C. Sue	Kodzis	Ray	Sprague	Marc
Campbell	Barbara	Kohlstrom	Kenneth	Stone	Larry
Cila	Cheryl	LaBranche	Dennis	Strohecker	Laura
Cole	Todd	Lee	John	Sullivan	Brenda
Coolen	David	Lovewell	Tammy	Szymkowski	Robert
Couture	George	MacGregor	Malcolm	Tata	Louise
Cuddahy	Debra	Mandella	Michael	Tocci	Lauri
Degrace	Jessica	Marchetti	Robert	Tousignant	Justin
DeLaité	Deborah	Mayotte	Michael	Tremblay	Teresa
Derner	Carl	McCarthy	Melissa	Vaillancourt	Sheila
Dorsey	Jim	Miller	Cynthia	Valente	Paula
Dovale	John	Moore	Francis	Valera	Cheryl
Dralean	Philip	Morgan	Justine	Vitone	Thomas
Elowitz	Jay	Naparstek	Walter	Viviano	Robert
Farley	Monica	Noke	Rebecca	Watt	David
Fortin	Anne Marie	Normandin	Elaine	Weber	Jeffrey
Gee	Cindylee	Normandin	Joanne	Widdowson	Janice
Gloski	Gina	Norton	Joseph J	Wilson	Ron
Goodall	Darrell	Novak	Frank	Wu	Thomas
Gormley	Michael	Patry	Kathleen	Wysk	Joe

## MASSACHUSETTS BOAT COURSE INFORMATION

*Boat Massachusetts* is a recognized safety course that meets the National Boating Education Standards and is approved by the National Association of State Boating Law Administrators (NASBLA)

All graduates in the 12 through 15-year-old age group will be issued a safety certificate allowing them to operate a motorboat without adult supervision, as required by state law. The same is true for 16 and 17-year-old youth who wish to operate a personal watercraft (jet ski, wave runner, etc.)

The course runs 10-12 hours in length. The normal format is 5-6 two hours classes, though this may vary. All classes are free of charge. Classes are for adults and youth 12 years of age and older. Family participation is encouraged and has proven to be very rewarding.

### **Boat Massachusetts--Boating Safety Course Schedule**

- [Westminster - Westminster Police Department - May 1, 4, 8, 11 and 15](#)
- [Montague - Montague Police Department - May 8, 9, 10 and 11](#)
- [Wrentham - Wrentham Police Department - May 16, 18, 23 and 25](#)
- [Spencer - Spencer Fish & Game Club - May 27](#)
- [Indian Orchard - MEP Office, Lake Lorraine - May 3, 10 and 24](#)
- [Quincy - Houghs Neck Maritime Center - May 11, 18 and 25](#)

In order to keep our lake safe, please follow a counter clockwise direction for all boat traffic and make sure your visitors know this rule before heading out on the lake.

With the warm weather approaching it is also a good time to brush up on the Massachusetts boating laws which can be found at <http://www.mass.gov>.

Let's have an enjoyable and safe summer on the lake.

[Massachusetts Environmental Police Boating Safety Website](#)

### **Massachusetts Boating Law Summary**

**Minimum Age Restrictions:** No person under 12 years of age may operate a motorboat unless accompanied on board and directly supervised by a competent person 18 years of age or older. Personal watercraft (PWC) users must still be at least 16 years of age in order to operate, with no exceptions.

**Safety Education Certification:** Youth who are between 12 and 15 years of age must complete an approved basic boating course in order to operate a motorboat without adult supervision. Upon successful completion of such a course, students are issued a state "boating safety certificate" which must be in the possession of the certified operator when underway. Personal watercraft users who are 16 or 17 years of age must also complete such a boating course. Youth less than 16 years old are not allowed to operate personal watercraft.

**Accident Reporting:** The operator of any motorboat involved in an accident which results in personal injury, death, or property damage (over \$500) shall immediately notify the MA Environmental Police and file the appropriate accident report within the required time frame. (2 days-fatality; 5 days – all other accidents)

**Safety Equipment:** Most of the state equipment carriage requirements are similar to federal laws. This primary list includes life preservers, fire extinguishers, signaling devices, visual distress signals, and navigation lights. In Massachusetts, life preservers are required to be worn by: (1) **youth less than 12 years of age** (2) personal watercraft users (3) waterskiers (4) canoeists/kayakers from September 15 – May 15. A boat owner or a boat's operator is responsible to ensure that passengers on-board wear life preservers as required. Additionally, the state requires that all motorboats (with the exception of personal watercraft) be equipped with an anchor, manual bailer, and line. A paddle or an oar is required on boats less than 16 feet in length. Motorboats towing skiers must also be equipped with a boarding ladder. Registration and numbering of all boats powered by machinery is required.

**Prohibited Operation**—The following types of operation are extremely unsafe and are prohibited:

- Operating any vessel under the influence of alcohol or drugs. A blood alcohol concentration of .08 BAC is the current standard of intoxication in Massachusetts. Penalties have increased substantially and may include the loss of a motor vehicle driver's license.
- Operating a motorboat within 150 feet of a swimming area, whether public or private.
- Operating at an excessive speed considering weather conditions, boat traffic, and other hazards. For inland waters, operating at a speed greater than 45 mph is considered negligent operation.
- Operating a motorboat without properly working lights.
- Operating a motorboat during the nighttime while towing waterskiers, tubers, etc.
- Operating at greater than headway speed (6 mph or less) within 150 feet of a swimmer, waterskier, mooring area, marina, boat launch, or when the operator's vision is obscured in any way.
- Operating in an overloaded condition (carrying total weight that exceeds capacity plate recommendations or is excessive considering water conditions)
- Operating with passengers on the bow, gunwales, or any other place where there may be a chance of falling overboard.

**Personal Watercraft Operation:** Personal watercraft (PWC) are considered motorboats by law and must comply with all boating laws and navigation rules, including the speed and operation provisions above. Additionally, PWC users must adhere to state regulations specific to personal watercraft operation:

- Wear an approved life jacket (PFD) at all times (operator and passengers).
- Attach the safety lanyard to the operator and the cutoff/kill switch.
- Always operate at slow, no-wake speed (6 mph or less) within 150 feet of the following:
  - Swimmer
  - Shoreline
  - Waterskier
  - Boat launch
  - Raft or float
  - Moored or docked boat

**You must not operate:**

- If less than 16 years old
- Under the influence of alcohol
- Between sunset and sunrise
- At high speed in congested areas
- On waters under 75 acres
- While towing persons on skis, tubes, etc.

**SOME DO'S AND DON'TS FOR MAINTAINING HEALTHY LAKES (ENVIRONMENTAL FACT SHEET N.H. DES)**

Watershed runoff is one of the greatest water quality concerns to our lakes and ponds. Runoff research shows that any activity that increases runoff into lakes produces negative impacts to water quality. Lakes and ponds naturally exist at lower elevations in the landscape. Rain or snowmelt “runs” downhill, transporting contaminants on the land to our lakes and ponds. Reducing the flow of the runoff will lessen pollutants to our lakes. Listed below are activities that lake residents and others can do to help slow the flow and reduce pollutants from the watershed.

All Lake residents should employ low impact development (LID) techniques. LID can be employed by everyone, everywhere. They work by slowing runoff flow, spreading it out, and allowing it to soak into the ground. LID techniques include rain gardens, rain barrels, vegetated rooftops, and the use of permeable pavement.

Homeowners need to control runoff on their property with the use of best management practices, such as maintaining a buffer zone of natural vegetation along the shore. Use native plantings to re-vegetate bare areas. All roads and paths leading to the lake should be curved to reduce erosion.

Septic systems should be maintained properly. A system should be designed to handle the load it receives. The size of a system should be increased as the size of a family grows. Septic tanks should be pumped every three to five years. Check leach field for soft wet areas or septic smells and replace faulty systems.

Do not bathe, shampoo, or wash boats, pets, or other objects in the lake.

Check all home cleaning products to make sure they say “phosphate free.” Do not use fertilizer within 30 feet of a lake. From 30 feet to 250 feet, use low phosphate, slow release nitrogen fertilizer on vegetated areas only.

Do not burn brush or leaves on the ice or near the shore; the nutrients remain behind to runoff into the lake. Do not dump leaves or grass clippings in or near the lake. They also add nutrients to the water.

Do not urinate or defecate in the lake, and don't allow pets to do the same. Cows, horses, or other groups of animals should not be housed near the lake where phosphorus from waste products runoff to the lake.

Do not feed ducks or other aquatic organisms; there is plenty of natural food available. Nutrients produced from unnatural food outside the lake's watershed will be added to the lake through the organism's feces. Discouraging waterfowl populations can also reduce the risk of swimmers' itch in specific lake areas.

Do not use powerful outboard motors in shallow areas. The nutrient--laden bottom sediments can be churned into the overlying water to support increased algae and cyanobacteria growth(shown here), increased turbidity and decreased transparency.

## **NASHUA RIVER WATERSHED ASSOCIATION UPCOMING PROGRAMS**

### **May is “Lyme Disease Awareness” Month**

This is the time of year when we all head outdoors to hike in the woods and fields, or to work and play in our yards. This is also the time of year when ticks become more active. Ticks like damp, shady, leafy areas, where they can wait for a person or an animal to come into direct contact with them. That contact can lead to a tick bite, and tick bites can lead to a number of serious diseases, including Anaplasmosis, Babesiosis, and Lyme. What can you do to protect yourself and your pets while enjoying the outdoors?

- Learn about the life cycle of ticks, their habitat, and the symptoms tick-borne diseases
- Protect yourself from tick bites by wearing light-colored long pants, long sleeve shirts, and a hat when outdoors; tuck your pants into your socks
- Consider using an insect repellent containing DEET
- Always check yourself (and your pets) for ticks after being outdoors, even in your own yard
- Reduce tick habitat by keeping your lawn cut short, and by clearing brush and leaf litter from around your home
- If you’ve been bitten, remove the tick as soon as possible, wash the area, and make a note of the location of the bite and the date in case you develop symptoms; you can save the tick for identification; consider calling your physician. [Learn more at MA Public Health’s Tick Disease web page.](#)

The NRWA is co-sponsoring two free “Tick Talks” in May, with Dr. Katie Brown, the State Public Health Veterinarian from the MA Department of Public Health, designed to provide the public with more information on tick-bite and tick disease prevention for your family and pets.

**Tuesday, May 2, 2017, 7:00- 8:30 p.m. at the Bromfield School Library, 14 Mass Avenue in Harvard, MA** Co-sponsored by the Harvard Board of Health, Harvard Conservation Commission, and NRWA.

**Wednesday, May 24, 2017, 6:30- 8:00 p.m., at the Nashoba Valley Medical Center, 200 Groton Road in Ayer, MA** Co-sponsored by NRWA and the Nashoba Valley Medical Center. Dr. Carol Savage, MD, will join Dr. Brown for this conversation.

The NRWA’s participation is funded in part by a grant from the Nashoba Valley Healthcare Fund, managed by the [Community Foundation of North Central Massachusetts](#) and the [Greater Lowell Community Foundation](#). [For more information on Tick Talks.](#) Be informed and tick safe so you can enjoy our great outdoors!

**DATES AND HAPPENINGS IN LUNENBURG**

- Lunenburg Annual Town Meeting May 6, 2017, 9:00 am, at Lunenburg Middle High School
- Lunenburg Town Election May 20, 2017, 7:00 am – 5:00 pm, at TC Passios School
- Devens Regional Household Hazardous Products Collection Center: Open to Lunenburg  
<http://www.devenshhw.com/Materials.html>

2017	2017
March 1 & 4	Aug. 2 & 5
April 5 & 8	Sept. 6 & 9
May 3 & 6	Oct. 4 & 7
June 7 & 10	Nov. 1 & 4
July 5 & 8	Dec. 6 & 9

- Lunenburg Yard Waste Days: Lunenburg residents: Saturdays April 15th - May 20th 8:00 a.m. to 4:00 p.m.

<http://www.lunenburgma.gov/qcontent/NewsFeed.aspx?FeedID=166>

- **SERVE YOUR COMMUNITY** Lunenburg Town government needs citizens who are willing to give time in the service of their community. Fill out a Talent Bank form on the Town of Lunenburg homepage.



# LSIC DUES PAYMENT

- LSIC offers an online payment through PayPal. All you need to do is go to the membership page at [www.lakeshirley.com](http://www.lakeshirley.com) and click on PayPal to make your payment.
- The LSIC is willing to work with people for partial payments or monthly payments, as long as you are paid in full by the annual meeting where you will be a member with voting rights.
- You may also continue to pay by check. Make sure to enclose the tear-off slip below with your payment.
- The LSIC needs to receive your payment by the time of the annual meeting to enable you to vote at the annual meeting. Please try to pay as soon as possible as we are putting together the budget for this year's work and we need to know what we can afford to take on to continue to manage the quality of our Lake for the summer season.
- LSIC is a non-profitable organization, and all contributions are tax deductible. A year-end statement will be mailed to you.

## LSIC 2017 ANNUAL DUES

Please check the appropriate category and payment amount:

- Single family home      \$300
- Multiple homes          \$450
- Business                  \$600

Name: \_\_\_\_\_

### Lake Address

Street: \_\_\_\_\_

Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

### Mailing Address (If different than Lake Address)

Street: \_\_\_\_\_

Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

EMAIL: \_\_\_\_\_

**LAKE SHIRLEY IMPROVEMENT CORPORATION P.O BOX 567 SHIRLEY, MA 01464****June 1, 2016 -2017 OFFICERS & BOARD OF DIRECTORS**

<i>Name</i>	<i>Address</i>	<i>Email</i>
Joanna Bilotta-Simeone	362 Sunset Lane	<a href="mailto:jobilotta@comcast.net"><u>jobilotta@comcast.net</u></a>
Steve Bean	27 Fire Rd 15	<a href="mailto:steveb@keystoneprec.com"><u>steveb@keystoneprec.com</u></a>
Don Bowen	28 Oak Ridge Rd	<a href="mailto:bowdon@comcast.net"><u>bowdon@comcast.net</u></a>
Ashley Brawn	607 Reservoir Road	<a href="mailto:ashley.m.brawn@gmail.com"><u>ashley.m.brawn@gmail.com</u></a>
Michael Casavecchia	292 Sunset Lane	<a href="mailto:mike.casavecchia@const-dynam.com"><u>mike.casavecchia@const-dynam.com</u></a>
John Dovale	Oak Ridge Rd	<a href="mailto:jdovale56@yahoo.com"><u>jdovale56@yahoo.com</u></a>
Jay Elowitz	76 Oak Ridge Rd	<a href="mailto:ellowitz@aol.com"><u>ellowitz@aol.com</u></a>
Perry Jewell	20 Sunset Lane & PO Box 484	<a href="mailto:Perry.Jewell@comcast.net"><u>Perry.Jewell@comcast.net</u></a>
Mike Mayotte	32 Spring St Ext.	<a href="mailto:moelabby@yahoo.com"><u>moelabby@yahoo.com</u></a>
Justine Morgan	701R Reservoir Rd	<a href="mailto:jmorgan@emersonhosp.org"><u>jmorgan@emersonhosp.org</u></a>
Rich Patry	655 Reservoir Rd	<a href="mailto:alelliot@comcast.net"><u>alelliot@comcast.net</u></a>
David Pelletier	711 Reservoir Rd	<a href="mailto:drpelletier2@verizon.net"><u>drpelletier2@verizon.net</u></a>
Nicholas Pirro	12 Robb's Terrace	<a href="mailto:npirro1056@aol.com"><u>npirro1056@aol.com</u></a>
Jackie Ramondelli	599 Reservoir Rd	<a href="mailto:luckyramondelli@comcast.net"><u>luckyramondelli@comcast.net</u></a>
Les Smith	37 Flynn Rd	<a href="mailto:lsmith@epsilonassociates.com"><u>lsmith@epsilonassociates.com</u></a>
Andrew Storm	78 State Road E, Westminster, MA 01473	<a href="mailto:stormandrewd@gmail.com"><u>stormandrewd@gmail.com</u></a>
Steve Vitone	18 Oakridge Road	<a href="mailto:svtone98@gmail.com"><u>svtone98@gmail.com</u></a>
Tom Vitone	106 Cedar St. Clinton, MA 01510	<a href="mailto:tom.vitone@verizon.net"><u>tom.vitone@verizon.net</u></a>
Ron Wilson	701 Reservoir Rd	<a href="mailto:willienem@aol.com"><u>willienem@aol.com</u></a>

**Lake Shirley Improvement Corporation  
Post Office Box 567  
Shirley, MA 01464**