

LLPOA

LOON LAKE PROPERTY OWNERS ASSOCIATION

SPRING/SUMMER 2016



Check out our website for copies of past newsletters, complete articles, land owners handbook and other Loon Lake Property Owners Association information.

<http://www.loonlakepoa.org>

AT THE LAKE WITH LEE, PRES.

LEE EVANS - 509-233-0179

Where do we start with so many good things that the LLPOA does each year? We start with YOU! Thanks to those of you who were able to attend, volunteer or financially support the many activities the LLPOA is involved with each year.

- **Water Quality Testing** program now has nearly 20 years of data. These 6 to 8 volunteers have 3 to 4 outings each year collecting water samples for lab testing.
- **Annual Dock Demolition Day** (June 25th this year) has from 15 to 18 volunteers willing to spend the day clearing the lake of dangerous derelict docks.
- **The LLPOA/Fire District 1 Auxiliary Pancake Breakfast** (Labor Day weekend). We provided

- one of the best quality buffet breakfast meals you will ever have. The volunteers necessary for this breakfast usually total 20 or more, which are a combination of LLPOA and Fire District 1 members.
- We also have volunteers for the **Fireworks Show the 4th of July Boat Parade**

The newest activity **Chipper Days** -
Next one is June 11th.

The Loon Lake community has many other organizations; **Loon Lake Land Conservancy, Loon Lake LMD For Milfoil, Loon Lake Food Bank and HWY395 litter pick up.**

One reoccurring theme you will see at all of these events is the core volunteer groups are many of the same people.

How can you contribute?

As members, you can contribute to our organization in several ways. We would like to start a few social media accounts **Facebook** and **Next-Door**. I'm sure most of you know Facebook.

A LLPOA Facebook account would be another way for friends and family to connect with the lake. Our neighbor Deer Lake POA has a Facebook account check them out. Maybe more importantly having a **Next-Door** account would be a way to quickly get a message to your Loon Lake neighbors. Letting you know of criminal activity, yard sales, lost dock, lost dog, boat for sale, need volunteers for an event or whatever you want your neighbors alerted to. It would be a limited network of only Loon Lake people would sign up on the **Next-Door** website, just another way for you to keep in touch with the lake community.

IN THIS ISSUE:

Message from the President - Dock Demo - Water Quality Report - Pancake Breakfast Notice - Chipper Days info - Milfoil Update - Fireworks and Boat Parade 2016 - Environmental Lake Improvement - Eastern WA North ID Regional Lake Conference - County Update on SMP - Treasurers Report and Dues notice.



DOCK DEMOLITION BETTER CALL GEORGE

TO REGISTER YOUR
DOCK AND PAY FOR
THE DEMOLITION
CALL 509-233-8844

\$4 PER FOOT

**\$30 FOR TOWING IF
REQUIRED**

WHEN: SATURDAY JUNE
25th, 8 AM TO NOON.

WHERE: FISH AND
GAME BOAT LAUNCH

TOW YOUR DOCKS
THERE MORNING OF JUNE
25th.

IF YOU ARE HAVING A
DOCK DEMOLISHED OR
NEED ONE TOWED -

CALL GEORGE NO LATER
THAN JUNE 1ST.

HAVE QUESTIONS, NEED
DOCKS TOWED OR
WANT TO VOLUNTEER FOR
DOCK DEMO - CALL
GEORGE

HELP KEEP THE LAKE SAFE
AND CLEAN. THANK YOU
FOR YOUR COOPERATION

AND DONATIONS

25th year of dock demolition

USE ONLY NON-PHOSPHOROUS FERTILIZERS - PROTECTS LAKE!



AT THE LAKE WITH LEE - cont'd

If you have an interest in the lake, would like to learn about Loon Lake history, meet some new friends, maybe learn a new skill, consider joining the LLPOA board. We are allowed 15 board members. **Please join us at a board meeting on the second Thursday of each month at 6:30 pm in the basement of the Old School House.** All meetings are open to the public and we encourage your participation.

Our mission of the Loon Lake Property Owners Association:

To provide leadership to preserve, protect, and improve the environmental quality of Loon Lake. The LLPOA has been actively engaged in a variety of ways, which support our mission. LLPOA has worked to insure that our lakes will remain the wonderful natural resource that we all love and enjoy.

Thank you for supporting the LLPOA and have a wonderful and safe Loon Lake Summer.

Check out our website - loonlakepoa.org

LOON LAKE WATER QUALITY

2015 - 9TH YEAR

BY JIM DAVIES - 233-2651

What have we learned?

First: It takes a lot of observation (water testing) before any definitive conclusions can be made about the

water quality of the lake.

Second: There are a lot of variables that impact water quality - primarily the weather. 2015 weather proved to be a very unusual; record high temperatures, low rainfall. The testing crew thought there would be a large change in data, surprisingly there was little.

We still have little or no dissolved oxygen (DO) in the deeper waters. On the June 25th foray DO was depleted from a depth of 71' deep to the bottom, August 3rd - 59', and September 14th - 49'. This tells us that about half the lake is dead for much of the summer. Mackinaw and silvers are severely affected - are literally trapped between anoxia (low DO) and uncomfortable warm water above.

Warm sunny weather accelerated algae growth. Water clarity is largely dependent on the amount of algae in the water. The water is usually clear down to an average depth of 21'. In 2015 the average clarity depth was 15.6'. Only one other year, 2011, measured 17.2' was nearly as bad. Phosphorous levels were not unusually changed. Phosphorous is absorbed by algae. When the algae dies it drifts to the bottom where it is consumed by bacteria resulting in low DO. We think low rainfall/snowfall in 2015 resulted in low runoff and therefore less than normal phosphorous in the lake.

The first foray in 2016 is June 15th given good weather. Call Jim Davies if you want to join our test crew.



PANCAKE BREAKFAST!

Co-Sponsored by LLPOA &
Loon Lake Firefighters
Auxiliary

Sunday, September 4th, 2016
8:00 – Noon
Loon Lake Elementary
Cafeteria

Adults: \$7:00
Children 5 to 12: \$5.00
Children 4 and under: Free

**Buy your tickets prior to the
event for \$1.00 off - contact
a board member**

MENU

Pancakes, Plain and Blueberry
Ham or Sausage
Scrambled Eggs
Hash Browns
Orange Juice,
Coffee and Tea

Made to order omelets by
donation please
Volunteers needed, please
contact Daryl at 509-233-2098
darylhenryhowe@msn.com

Loon Lake/Deer Lake Chipper Days

By Lee Evans President LLPOA

WHEN - June 11

**TIME - 9:00am to
3:00pm**

WHERE - Agar Road

Chipper Days, a Stevens Co. sponsored program allowing the surrounding community to bring yard debris, leaves limbs, pine needles and other organic matter to a common area to be chipped. The byproduct of this material is then removed from the area and becomes the property of the vendor who provides the tub grinder.

On October 24th a group of volunteers from the LLPOA and DLPOA joined forces to clear an area north of Baldwin's Lumber on a parcel of land owned by Stevens Co, which is the location for the Loon Lake/Deer Lake Chipper day.

Chipper Days is a good alternative to burning or hauling to the dump. We anticipate Chipper Days will be very popular and very busy. It is free/donation service to the residents.

Due to its popularity Suncrest has used this as a local fundraiser for their community. Local Boy Scout troops, various high school clubs and others organization volunteer their time and effort for a small per truck donation. We hope to do the same by offering this as a fund raising opportunity to a local school or organization. Please contact the LLPOA if you know of an organization in our community that could benefit from this fund raising effort. It is our goal to have the volunteers safely assist in unloading each vehicle or trailer in as they arrive. The vacant lot is designed with an entrance and exit driveway to help with traffic flow. Stevens Co will provide an employee and a front-end loader to push all debris to one common pile thru the course of the collection day. Absolutely no garbage metal or plastic. Please mark this day on your calendar.



EURASIAN MILFOIL

Loon Lake Milfoil

LMD 2016

By Lee Evans LMD Chairman

**Loon Lake LMD advisory board meets
monthly:**

**When - 2nd Monday of each month
6:30 pm.**

**Where - Basement of the Old Loon
Lake School House during the season
starting in March.**

The board works in cooperation with the Stevens Co. with all decisions approved by the commissioner's office. Focus of the March and April meetings was to review last year's survey and application and discuss our success and failures of the previous season.

Last year's application on July 7th and 8th, included all the plants discovered by the survey crew and concluded with an intense dock to dock and swim area inspection with the help of two board members on personal watercraft to find the plants missed by the survey.

LOON LAKE MILFOIL - CONT'D

As plants were found the airboat would slide in treat and move on to the next dock. This year's survey and treatment schedule will be very similar to last year with the survey occurring in middle to late June and the application following soon after the 4th of July holiday.

A few facts from the Washington State Department of Ecology:

- Because it is widely distributed and difficult to control, milfoil is considered to be the most problematic plant in Washington.
- The introduction of milfoil can drastically alter a water body's ecology. Milfoil forms very dense mats of vegetation on the surface of the water.
- Milfoil Mats interfere with:
 - Recreational activities such as swimming, fishing, water skiing, and boating.
 - Power generation and irrigation by clogging water intakes.
 - The sheer mass of plants can cause flooding and the stagnant mats can create good habitat for mosquitoes.
- Milfoil mats can rob oxygen from the water by preventing the wind from mixing the oxygenated surface waters to deeper water.

The colonization of new sites is mainly by vegetative fragments. During the growing season, the plant undergoes auto fragmentation. The abscising fragments often develop roots at the nodes before separation from the parent plants. Fragments are also produced by wind and wave action and boating activities, with each fragment having the potential to develop into a new plant. Once introduced, Eurasian water milfoil also may spread rapidly. From a study in Currituck Sound, North Carolina, Eurasian water milfoil was first reported in 1965 when approximately 100 acres were densely infested and 500 to 1000 acres were lightly infested. A year later 8000 acres were heavily infested and 66000 acres had some milfoil plants. Nine years later, over 79,000 acres were infested with Eurasian water milfoil.

These types of problems and infestation are not what we see in Loon Lake and with our continued effort to monitor treat and control we minimize it presents and maximize your enjoyment of Loon Lake.

We welcome your comments and input. If you would like to volunteer during the application and survey process please contact any board member. I would like to thank the members of the LMD board for their efforts this season. They are Jim Killingsworth, George Swannack, Steve Pehl, Barry Smith, Denny Drinkard, Daryl Ann Howe, Bill Drollinger and Bob French. All are volunteers who care about Loon Lake.

The 2016 Loon Lake July Fireworks show and Boat Parade

By Lee Evans

Thanks to you, the property owners and volunteers we are looking forward to our seventh annual Loon Lake Fireworks Show.

WHEN: Sunday July 3rd starting at 10 PM.

Due to the extreme fire danger last year, the Fireworks show was canceled by Stevens Co. Fire District #1. Instead of trying to reschedule the decision was to cancel the 2015 show, regroup and try for 2016. The LLPOA was reimbursed for the cost of the fireworks, but did pay \$750 for the rental of the dock systems used from **Knights Construction/EZ Dock**.

(Cont'd next column)



The vendor this year is **Pyro-Spectacular**, is to provide the fireworks product and light the show. They provide proper permits and liability insurance for safe and spectacular program.

With the success and popularity of our Fireworks show we will continue as a July tradition. Our goal continues to be \$6000 in annual fund raising. The LLPOA board feels the program must be self-supporting thru donations earmarked for fireworks with no funds coming from the general membership account. Any help you can provide with a donation will insure the success of our Fireworks program.

We would also like to recognize **Knights Construction/EZ Dock** of Deer Park who generously supports the project by providing a dock for the display. This has become a very important and crucial part of this program. This quality platform is state of the art and a huge advantage to the safe set up and electronic firing of our fireworks display.

(cont'd next pg.)

The 2016 Loon Lake July Fireworks show and Boat Parade

(cont'd from previous page)

Special thanks to Marv and Carol Franz for allowing the fireworks dock to be stored and setup on their beach frontage.

This year's 4th of July Boat Parade registration begins at 12:30 pm for those boats who wish to enter for the prize drawing with parade to start at 1:00 PM. Location will once again be at Cedar Beau Bay located at the south end of the lake. The registration boat will be a well-identified pontoon craft anchored nearby. Three prizes will be awarded so be creative. Remember you need to be registered and have an assigned number to qualify for the great prizes. Please have fun and be safe.

Fireworks Show July 3rd 10 pm

Boat Parade July 4th

Environmental Lake Improvement-

Barry Smith

"Storm water runoff" is considered to be the major water pollution problem in our area and in many other areas, nationally. One of the Washington State Department of ecology managers clearly stated that "storm water runoff" was the main problem for the declining water quality at Loon Lake.

The Loon Lake Property Owners Association has several members who would like to see the association publish an educational manual.

The manual would address the many measures that may be employed to seriously reduce pollutants from entering Loon Lake. This could be accomplished by a joint effort that wouldn't cost taxpayers enormous sums of money.

Virtually everyone in our watershed, I'm sure, is interested in improving our lake aesthetically as well as chemically, so anything that we can all think of to help improve water quality, will be well received. Many communities have joined together and formed water quality partnerships. They have been very successful and enjoyed the experience of working with people of vastly different backgrounds. Their goals have been to educate and involve community members to improve water quality, fish habitat, and to provide a chance for members to have a voice on issues involving Government regulations.

Primary "Non-Source Pollutants" come from households within the watershed and if not disposed of properly, they enter our lake during periods of runoff. The pollutants include soil, oil, chemicals, trash, agricultural and animal waste, pesticides and yard waste, etc. The increase of these pollutants can be directly related to increased residential development an occupation within our watershed.



Remedies to run off pollution:

1. Impervious surfaces, primarily roofs and concrete driveways and patios. Some areas limit them to as little as 80percent of total land per parcel.
2. Some areas don't allow impervious surfaces for driveways or patios.
3. To lessen the impact of steep slopes, plant corrosion resistant native vegetation.
4. To lessen the development of critical properties owners will sell PDR. (Purchase of development rights.)
5. Bellingham Washington gets its water from Lake Whatcom, they have had an improvement plan since 2004 but phosphorus continues to increase because of upstream development.
6. Plant and buffer strips of native vegetation where appropriate, such as at the shoreline.
7. Some communities provide tax credits or grants to landowners to restore in enhance existing riparian zones.
8. Avoid using pesticides and phosphorus-based fertilizers. They may poison good bugs, birds and fish if they get into the lake water.

If anyone is interested in helping with an educational manual, please contact the LLPOA for more information.

Eastern WA. North Idaho

Regional Lake Conference

By Nancy French

LLPOA representatives attended annual Lakes Conference on February 6th at Spokane Community College. This was the 15th Conference of regional lakes in North Idaho & Eastern Washington; which was hosted by the Liberty Lake Sewer & Water District, the Water Resource Program at Spokane Comm. College & the Washington Lake Protection Association (WALPA).

The purpose of this conference is to provide a forum for the exchange of information & experiences of residents & lake associations in an effort to learn more about our lakes & watersheds.

Financial sponsors for this conference included the Deer Lake Property Owners Assoc., LLLC & the LLPOA of \$150 each. The Conference is offered at no charge to those in attendance. The students of the SCC Culinary Arts Dept. prepared & served a great lunch.

*** PROGRAM - SUBJECTS COVERED**

Well- educated, professional speakers covered some really interesting subjects & projects that included some very scientific structured grafts, proposals & results with a bit of humor tossed in. Their Power Point presentations had great visual aids.

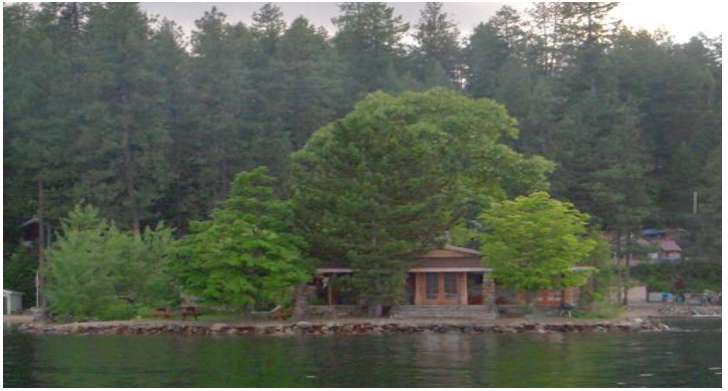
To cover just a few presentations that would apply to Loon Lake residents I chose the following:

*** Understanding the Efficacy of Floating Treatment**

Wetlands on Hayden Lake

- Kristin Larson & Bob Steed of Idaho DEQ

Hayden Lake uniquely has no outlets. The lake was showing signs of watershed abuse because all that flows in - stays in - allowing pollutants to concentrate as fresh water evaporates. The main pollutant is phosphorus. Increased levels of phosphorus yields to algae blooms (sometimes toxic) & fertilizes invasive aquatic plants such as Eurasian Milfoil



Research led them to experiment with a pilot program of Floating Treatment Wetlands. These are man-made floating buoyant islands that are planted with natural vegetation to mimic a natural wetland. Plants grow hydroponically, allowing roots to utilize nutrients in the lake water.

Several agencies worked on this project that included students from the U of Idaho & North Idaho College.

Eight (8) floating wetlands were launched in 4 bays.

The results...the students learned a great deal by assisting in the planting, launching, testing, analyzing & conclusions.

That was basically the only success other than mistakes would better prepare them for the next launch.

Problems included:

~ Wave actions beat some of the islands to a pulp.

~ Waterfowl destroyed some until they tried the plastic owl late in the timetable.

~ Night cameras even found raccoons fishing & deer standing on docks eating off the islands.

~ The sod used was not tolerant of the wet conditions.

EVEN THOUGH IT WAS FOUND THE FLOATING

WETLANDS ACTUALLY ADDED TO THE

PHOSPHORUS...NOT DECREASING IT they will start anew this spring with their newly acquired knowledge.

(cont'd next page)

EASTERN WA. NORTH

IDAHO REGIONAL

LAKE CONFERENCE (cont'd)

* Idaho's Invasive Species Program

- Tom Woolf, Idaho Dept. of Ag

Their boat check stations on highways have helped to halt the spread of Quagga Mussels from the Eastern states. Idaho is really on top of this program & therefore has stopped many Washington lakes from the Quagga Mussel invasion.

AVISTA - Environmental improvements

- Meghan Lunney

Presented on improvements made by Avista. Through mitigation for Hydroelectric Dam permits they have added hiking trails & rest stops & canoe put-in & take-out sites for recreation on the Spokane River.

The sharing of information from various projects in Idaho & Washington makes this Conference invaluable for environmental progress for our region.

COUNTY UPDATING SMP - cont'd

The Act also implements the "Public Trust Doctrine" with respect to the waters of the State which protects the right of the public to use the waters of the state regardless of the ownership of the land underlying those waters. The shorelines of selected small water bodies are excluded from the Act. Wetlands and certain floodplains associated with shorelines subject to the SMA is included in its provisions and shorelines extend 200 feet landward from the water's edge.

Among other water-bodies, shorelines of lakes with a surface area of 1000 acres or more are labeled "shorelines of statewide significance." Under the Act, these shorelines are supposed to be subject to greater environmental protections and public use preferences than other shorelines. Loon fits into this category. As such, the Act should be very important to guiding intelligent development of the Lake's shorelines. In practice, this has not been the case and Loon's water quality has suffered (and will continue to do so).

The SMA requires counties and municipalities to develop (and subsequently update) a "master program" to regulate uses of shorelines within their boundaries in a manner consistent with the Act's provisions. The Department of Ecology (DOE) is responsible for approving these Shoreline Master Programs and reviewing and approving certain development permits issued by the local permitting authority that is required by the SMA.

Stevens County adopted it's current SMP in 1999, a mere 27 years after the adoption of Initiative 43-B. According to the DOE, "most" SMPs were written between 1974 and 1978. During this lull, our County had few land use regulations and generally ignored the few that it did have. The result was development that violated the intent of the SMA along with well-known practices needed to protect reasonably acceptable water quality. The SMP that the County ultimately produced was of little improvement. It has provisions that allow the County to approve large variances to the standards in its SMP and/or to circumvent the variance requirements beyond those procedures specified in the SMA. A number of the standards in the County's SMP are not unreasonable as written, they are just ignored.

It is important to note that the DOE abetted the County's development abuses for a number of years, initially by approving a deficient SMP. This passivity on the part of the DOE was probably inadvertent--Stevens County being rural with a small population.

The DOE appears to be more actively involved in the current SMP update process. The County has hired a consultant, known to the DOE and believed to be competent, to guide it in the update process. Never-the-less, the DOE is very busy. Ultimately, the burden of protecting Loon Lake falls on the property owners around the Lake. Those interested in protecting Lake water quality (and property values) should be actively involved in the public hearings on this process. To their credit, the County and the consultant have a website on the update process. The website has the process timeline, documentation of various elements involved in the process, notices of public hearings, etc. Check out the website at - www.stevenssmpupdate.com.

For those interested in State Law on the subject, see RCW 90.58 and WAC 173-26 and 173-27.

Thank you for your interest in the quality of our Loon Lake!

COUNTY IS UPDATING

ITS SMP

(By Eric Davis)

As required by statute, Stevens County is in the process of updating its Shoreline Master Program (SMP). In response to an Initiative in 1970, the Legislature passed the Shoreline Management Act (SMA) in 1971, which was adopted as Initiative 43-B in the November general election in 1972. The primary objective of the Act is "to prevent the inherent harm in an uncoordinated and piecemeal development of the State's shorelines." The SMA is

The three major policy areas covered by the Act are:

- shoreline use (with use preferences/priorities);
- environmental protection,
- public access.

codified in RCW 90.58.

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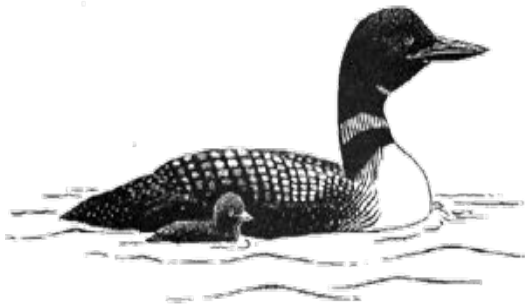
markw@mawcpa.com

CARLA SANDELL, TREASURER

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One of the original cabins that was built in the Morgan Park Area. It is still standing.



**LOON LAKE PROPERTY
OWNERS ASSOCIATION**

**P O BOX 165
LOON LAKE, WA 99148**

WE ARE ON THE WEB!

www.loonlakepoa.org

SNAPSHOT FINANCIAL REPORT WITH CARLA SANDELL, TREASURER

As of May 31, 2016 - 122 paid members at \$20 annual dues - of approximately 700 plus property owners at Loon Lake, WA.

Checking & Savings Balance:

Beginning 6/1/2015	Checking -	\$15,563.04
	<u>Savings -</u>	<u>\$20,465.79</u>
	Balance -	\$36,028.83

	Fireworks	Pancake B'Fast	Dock Demo	Water Quality
Donations in:	\$ 902.00 (2016)	\$ 3,070.00 (2015)	\$ 1,266.00	\$ 1,040.00
Donations Out:		1,308.00 (2015)		



BECOME A MEMBER OF LLPOA TODAY-HELP MAKE A DIFFERENCE FOR THE OVERALL QUALITY OF LOON LAKE.

**HAVE YOU PAID YOUR 2016 DUES?
COMPLETE, CUT OFF AND SEND WITH DUES PAYABLE TO LLPOA AT
PO BOX 165 LOON LAKE, WA 99148
ATTN: CARLA SANDELL**

Enclosed for your convenience is a self-addressed envelope for paying LLPOA dues as well as donations to the events or programs that are of interest to you.

Annual Dues \$ 20.00

Fireworks Fund \$_____

Other Donations (specify) \$_____ Example: Dock Demolition, Water Quality Testing, Boat Parade, Shoreline Management control education.

TOTAL \$_____

LLPOA and the Loon Lake Defense fund have been consolidated since 2014. LLPOA is a 501c3 organization. Donations are tax deductible.

CALENDAR OF EVENTS FOR MAY

2016 ~

May 29th - Memorial Day Holiday Weekend

May 30th - Memorial Day



CALENDAR OF EVENTS FOR JULY

2016 ~

July 3rd - Sunday - Fireworks Show @ dusk from middle of Loon Lake.

July 4th - Monday - Boat Parade - gather at Cedar Beau Bay at 1 PM.

July 9th - Saturday - Roadside Clean Up - contact

Chuck Shilling at 509-998-7003

for more info and to volunteer. Next date is

September 10th.

July 14th - Thursday - LLPOA Meeting

Old School House - 6:30 PM



CALENDAR OF EVENTS FOR JUNE

2016 ~

June 4th - Saturday - Loons Day Walk - meet at Old School House. Walk begins at 7 AM.

June 9th - Thursday - LLPOA Meeting

Old School House - 6:30 PM

June 15th - Wednesday - First foray water testing being done.

June 18th - Saturday - Loon Lake Loon Assoc. Annual Meeting

At the Old School House ~ 10AM

June 24th - Friday - LLPOA Annual Meeting

The Old School House - 7:30 PM

June 25th - Saturday - Dock Demolition

Public Boat Launch area ~ 8 AM to 12 Noon

CALENDAR OF EVENTS FOR

AUGUST & SEPTEMBER

2016 ~

August 11th - Thursday - LLPOA Meeting

Old School House - 6:30 PM

September 4th - Sunday of Labor Day Weekend

Pancake Breakfast - Loon Lake

Elementary School - Times 8 AM - 12 Noon