

LONG LAKE NEWS

Winter 2020

CLEAN BOATS, CLEAN WATERS (CBCW)

Last year a group of volunteers was trained by Tom Boisvert, Burnett County Aquatic Invasive Species Coordinator, to do boat inspections at the boat landing in hopes to educate boaters and keep zebra mussels out of our lake. Having approximately 15 volunteers, we covered the landings for Long and Des Moines lakes for over 100 hours on the weekends.

We have applied and were accepted for a grant to help cover some of the costs of inspectors for 2020. We hope to reach 200 hours of coverage time at the landings this year. If we begin in May, we should not have a problem reaching that total. With that in mind, Mark Michel has arranged for Tom to do a retraining session in April at the boat landing. Mark will send out a message to last year's inspectors and potential new inspectors when that date and time is determined.

The association has also purchased two cameras for the landing. Our hope is that they will help enforcement during the week, and with inspectors on the weekends, we can educate boaters as well as protect or lake from invasive species.

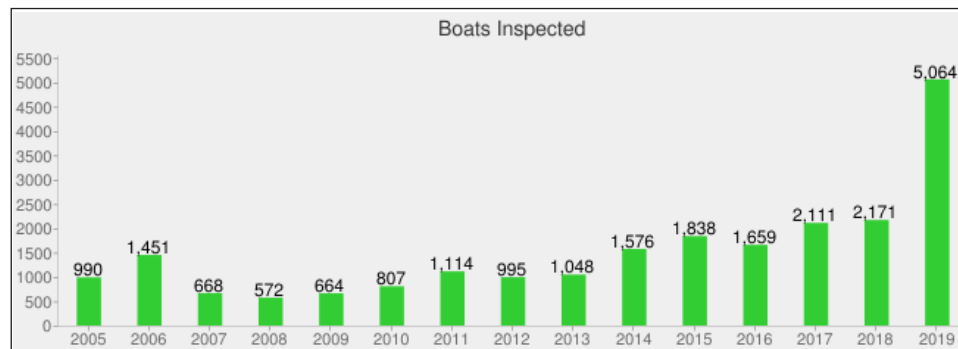
More about CBCW

Wisconsin has various laws in place to prevent the introduction and control the spread of aquatic invasive species

and diseases in Wisconsin.

Please remember to follow these laws when enjoying Wisconsin's waterways and avoid paying the penalty.

- INSPECT your boat, trailer and equipment
- REMOVE any attached aquatic plants or animals (before launching, after loading and before transporting on a public highway).
- DRAIN all water from boats, motors and all equipment.
- NEVER MOVE live fish away from a waterbody.
- DISPOSE of unwanted bait in the trash.
- BUY minnows from a Wisconsin bait dealer. Use leftover minnows only under certain conditions.



The number of boat inspections for Burnett County

SNOWMOBILING IN WISCONSIN

Wisconsin is the birthplace of snowmobiling and continues to offer some of the best snowmobiling opportunities you are likely to find, especially in northern Wisconsin. More than 200,000 registered snowmobiles hit Wisconsin's 25,000 miles of groomed trails each winter.

If you were born on or after January 1, 1985, and are at least age 12, you must complete a snowmobile safety certification course to operate a snowmobile on Wisconsin public snowmobile trails and areas. DNR Conservation Wardens recommend snowmobile operators complete a safety course.

More information about registering, regulations, including online safety courses, can be found at the Wisconsin DNR website: <https://dnr.wi.gov/topic/snowmobile>.

Burnett County has 337 miles of snowmobile trails. The phone numbers for maps and trail conditions are 800-788-3164 or 715-349-5999.

In addition, there are five snowmobile clubs in Burnett County. The Association of Wisconsin Snowmobile Clubs (AWSC) has more information about local clubs and trails at <https://awsc.org> or phone 800-232-4108.

LONG LAKE LOON UPDATE



Last year ice was out by April 22, and loons arrived on April 23. We placed the loon platforms in the lake on April 28. On May 16, two eggs were seen on the south and middle nests. However, adults were not on the nests due to black flies. All three nests had incubating adults by June 12. It was the second attempt for the south and middle pair, because the adults were off the nests so long that the first eggs were no longer viable.

This past season we had a total of five chicks hatched. The couple at the north section had two chicks, but only one survived. The couple at the middle section had one chick, and the couple at the south section had two chicks.

The adults probably left towards the end of September. And the chicks were here until the lake starting freezing in November.

We will try something different with the platforms this year. Last year we completely cleaned off all the dirt from each platform and scrubbed them with bleach. We will replace them with fresh dirt and plants, all this to hopefully reduce the black fly population. Black flies are attracted to loons by smell, so at least we reduce the odor of the old material on the platforms.

According to the Upper Midwest Environmental Sciences Center in La Crosse, extensive banding and observation of marked loons in northern Wisconsin has shown that loons first return to the breeding grounds at age 2-5 years, with males tending to return nearer to their natal territory than females. Both sexes tend to wander and use many different lakes as "floaters" for two to three years before settling.

RAINFALL SIMULATION by Bob Peterson

Last summer at the Northwest Wisconsin Lakes Conference, I was able to attend a session on the affects of rainfall on a variety of soil/plant surfaces through the use of a rainfall simulator. The demonstration was presented by the Wisconsin DNR Conservation Services.

Five soil surfaces from conventional till (minimal organics), forest floor, no-till cover crop, pavement, and grass lawn were subjected to a 1-inch rainfall. Measurements were taken of the amount of water absorbed and the amount of water runoff that occurred. The results are below and were somewhat surprising. The surface that I thought would be considered the best actually ranked in the worst category, just slightly better than pavement. The two that ranked the best

were forest floor and no-till cover crops. The reasons for this are the high levels of organic matter in the soil and the diversity of plant root systems from the plant material growing on their surfaces.

The major concern with water runoff into lakes and rivers is the high content of phosphorus and nitrogen which encourages excessive plant growth in the water. Algae growth, whether it is the filamentous type or cyano-bacteria types, can be explosive. We've been fortunate so far that all the algae in our lake has been of the filamentous type which is unpleasant to deal with but is not toxic. Cyano-bacteria, also known as "blue algae" is toxic to animals and humans. Excessive plant growth is a nuisance to swimmers and boaters, but can

adversely affect the habitat of fish, frogs, and the like.

The best way lake shore property owners can minimize rain water runoff is to maintain a natural shoreline buffer zone from a few feet to up to 30 feet along your shoreline. Contact your lake association board for direction and help if interested.

Soil Surfaces	Conv'l Till	Forest Floor	Cover Crop	Pavement	Grass Lawn
Absorption	Low	High	High	None	Low
Runoff	Medium	Low	Low	Maximum	High

LLA CLOTHING COMPANY



Announcing a great way for you to support your Long Lake Association: the new LLA Clothing Company is open for business. In its online store you will find a large selection of various clothing such as tee shirts, sweatshirts, and tanktops all featuring various designs that invoke all the wonderful feelings of life at the lake.

Clothing is available in a number of sizes and colors. All are made from high-quality material and shipped direct to your door. The store website is <https://teespring.com/stores/lla-clothing-co>.



Long Lake Living Photo Tee Shirt
Premium Tee



Long Lake Night Skies
Premium Tank Top



Long Lake Heart Beat T-Shirt
Women's Classic Tee



Long Lake Sunshine and Water
Classic Crewneck Sweatshirt



Long Lake Night Skies
Premium Pullover Hoodie

CALLING ALL VOLUNTEERS

Your lake association is always looking for members who want to get involved and lend a helping hand. You can help with one of our social functions, loon platforms, lake monitoring and clean-up, serve on a committee, and especially volunteering to help with boat inspections at the boat landing. You can contact any board member if you're interested.

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