The Blackwater Lake Association, Inc. Blackwater Lake Association, Inc.

Volume 10, Number 2

November 2015

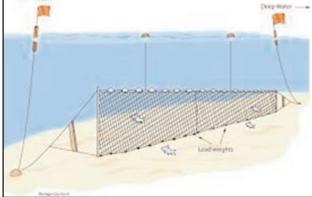
R lackwater Lake has been the source of 16 different fisheries surveys dating back to 1959. These surveys were implemented

"nuisance" Pike in this area while increasing harvest opportunity for anglers. For more information on the proposal, please see the DNR website at www.dnr.state.mn.us/pike. Yellow

D to assess the status of game fish populations in the lake. The 2015 survey was conducted using gill nets, trap nets, and electrofishing.

Electrofishing often draws the most attention from lakeshore residents. You may have seen our lights or heard the generator on the boat. Spring electrofishing surveys targeted Largemouth and Smallmouth Bass. It is the most effective method for surveying these species in late spring because fish are concentrated in shallower waters on or near nesting sites. The shocking boat uses an electrical field to temporarily stun fish, allowing staff to net the desired species. Once fish were captured, lengths were recorded and fish were marked with one or two numerically unique small yellow tags near the dorsal fin and released. Over a series of nights, sampling was conducted around the lake to recapture as many tagged bass as possible. Using the proportion of marked to unmarked fish we were





Perch catch rates are relatively low in Blackwater Lake. The 2015 assessment caught 1.92 perch per gill net, with a normal range for similar local lakes being 2.50 to 24.17 fish per net. Yellow Perch are the main forage species for both Walleye and Northern Pike in many Minnesota lakes, and the perch population is important for their growth. Another important forage species is the Cisco (Tullibee). Catch rates were 9.67 Cisco per lift in 2015 up from a historic low of 0.75 fish per lift in the 2011 sample. The Walleve population has stayed relatively stable through the years. Previous assessments have had catch rates of 1.42 to 4.00 fish per gill net. In the 2015 population assessment 3.17 Walleye were caught per gill net. Of the Walleye caught 11% were less than 14 inches, 42% were between 14-19 inches, and 47% were between 19-25 inches.

The third sampling gear used on Blackwater Lake was trap nets. Trap nets consist of a 50-foot long lead that runs from shore to a frame which opens into a series of hoops, similar to a large minnow trap. This method mainly targets Bluegill and Black Crappie and rounds out the survey data col-

able to estimate the population size for both the Largemouth and Smallmouth Bass. With the data collected and processed, the following results were determined: the Largemouth population was estimated to be $5,341 \pm 1,257$ fish 8 inches and longer, and the Smallmouth population was estimated at 344 ± 169 fish 8 inches and longer.

The second gear used in the 2015 assessment was summer gill nets. The gill nets are 250 feet long, 6 feet tall, and contain five different mesh sizes ranging from 0.75 inches to 2 inches to capture different sized fish. These nets were set on the bottom of the lake to primarily target Northern Pike, Yellow Perch, and Walleye in deeper water. These could be identified by a flagged buoy on each end of the net. Once the nets were processed the catch rates for Northern Pike, Yellow Perch, and Walleye were determined. The Northern Pike gill net catch rates remain high and have been increasing since the early 1990s. In 2015, the gill net catch rate of Northern Pike was 7.75 per gill net. The majority of Northern Pike caught were between 21-25 inches. The DNR has proposed a new statewide Northern Pike regulation intended to reduce the number of small lected for the lake. There was an average of 22.73 Bluegill caught per net, which falls into the normal range when compared to similar lakes. Previously, trap net catch rates have ranged from 29.33 to 66.58 Bluegill per net. Of the Bluegills measured from the 2015 trap nets, 58% fell between 3-5 inches, 26% fell between 5-7 inches, and 16% were larger than 7 inches. Bluegills up to 9.5 inches were sampled in 2015. Historically, Black Crappie numbers have been low, ranging from 0.08 to 3.83 fish per trap net. The 2015 survey caught less than one Black Crappie per net, with the largest just over 9 inches long.

Other fish that were sampled in trap nets and gill nets include Pumpkinseed, Rock Bass, Yellow Bullhead, Hybrid Sunfish, and White Sucker. A more detailed evaluation of the Blackwater Lake fishery will be completed this winter and be accessible on the DNR website www.dnr.state.mn.us. If you have any further questions please feel free to contact us at our Walker office 218-547-1683.

Carl Pedersen MNDNR Fisheries Specialist

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Blackwater Lake Association, Inc.

A member of (ACCL) the Association of Cass County Lakes, Conservation Minnesota (formerly Minnesota Waters) and (LLAWF) Leech Lake Area Water Shed Foundation.

List Of Officers And Committees

Chairperson		
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Committee Members

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Linda Burns	Lloyd Thielmann	Travis Skalicky
Jim Eller	Court Lechert	Carolyn Dindorf
Becky Seemann	Claus Peukert	

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Carolyn Dindorf	Lloyd Thielmann

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Waterways/Bog Control:

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Seedling/Septic Testing Court Lechert Barb Laughlin				
Legislative/Governance Craig Laughlin Lloyd Thielmann Linda Burns				
New Members Packer		m & Geri Stale aley@uslink.ne	,	

Chairman's Update Fall 2015

Again we say hello to all the owners and friends and neighbors of Blackwater Lake. It has been a great summer season but as many of you have seen recently Mother Nature is fighting to close the surface for another 6 month period. Every morning when we view the lake the steam is coming off the water because the air is much colder than the water and it is amazing and beautiful.

I want to personally thank all the people who responded to the bass regulation review and voiced their opinion. Rest assured that the area fisheries people are taking all our comments very seriously. If you didn't respond then your opinion wasn't heard. The changes if any will be for next spring and will show in the fishing regulations.

We had an interesting season of fish studies from electro fishing to gill nets to trap nets. The results will be available this next spring and may be very surprising to some. We were all invited to observe the process and it proved very interesting and educational. These guys really, really care about all our lakes. There is an article in this blurb by Carl Pedersen (DNR) and some pictures for all to see. Some fish are harvested to study and document everything that is needed and should be of no worry to the concerned fishermen and women.

We had a small bog issue and some of the great neighbors joined together to address it at no cost to the association.

We have hired a new beaver control contractor and he seem to be a very good fit for our issues. If you have any concerns about the beaver or the waterway please contact myself and I will get with him when it is deemed necessary.

We have formed an early response team to be on watch for AIS, both vegetation and species of living creatures. Thanks to Carolyn Dindorf and Becky Seemann we have a team equipped and pretty much trained to accomplish this task. We all need to be vigilant to this problem and report anything suspicious to the team listed in the other articles in this Blurb.

We are still looking for a volunteer to take over our water testing duties. We want to thank Jim Eller for his service to our lake over the last many years. Jim will help train you and it is very important to the lakes' wellbeing or being well. This person must be able to take samples on 4 or 5 Sundays through the year and turn them in on Mondays. Sorry but we only need one so it is first to volunteer that gets the job. HURRY HURRY

As it has been our practice to mark the address labels with a "Paid" for current members and a "Please join" for members who may have forgot we will be doing the same this year. Please respond and send your registration to Linda Burns our treasurer. Remember that we operate on a fiscal year from July 1 thru June 30.

Our next board meeting is scheduled for Sunday morning May 1, 2016 at Lloyd and Terry's home @8:30 AM.

Be sure to sign on and view our web site when you get the chance at www.minnesotawaters.org then lake and river groups, and then Blackwater Lake Association, Inc (Cass County). It is full of info for your enjoyment.

As usual if you have any issues please feel free to contact any board member and we will definitely discuss them. We can't always solve them but we will definitely discuss them.

Please remember our Vision Statement which is "Blackwater Lake Association's mission is to preserve the resources we have for future generations by undertaking necessary actions and providing a forum for ongoing education".

Thanks to all and see you on the water.

Lloyd Thielmann Chairman of the board

Membership Report

Membership for the current year, which started July 1, 2015, is 115 paid members. At this time last year, we had 106 members, and finished the year with 124.

Thanks to all who support our Blackwater Lake Association's activities by paying their annual membership dues! If you haven't yet paid the annual \$30 dues, please do so. Mailing instructions are at the end of this article.

As we did last year, the mailing labels on this BLURB edition will show whether the recipient has paid this year's BLA membership dues or not. Those who have paid the current year's dues will show <u>"PAID" printed in red</u> on the upper right corner of the mailing label. Recipients of the BLURB who have not yet paid this year's membership dues, will see <u>"PLEASE</u> <u>JOIN" printed in red</u> on the upper right corner of the mailing label. Our intent is to provide a reminder to previous members to renew and an appeal to join if you have never paid membership dues.

Annual individual and associate membership dues are \$30. Please use the membership form in the BLURB, or download a form from the Blackwater Lake Association site on the Minnesota Waters website: HYPERLINK "http://www.minnesotawaters.org" www.minnesotawaters.org. Mail check for membership dues and donations to Blackwater Lake Association Treasurer Linda Burns at the address below and on the membership form.

Linda Burns, Treasurer BLA Inc 6015 11th Ave S Minneapolis, MN 5541

Treasurer's Report

We started the current fiscal year, July 1, 2015 - June 30, 2016 with **\$4745.64**. Current balance is **\$4152.35**. For comparison, we started last year 2014/2015 with **\$5104.01**.

As there is no grant money available at this time, our sole source of income source is membership dues and donations. To date, we have received **\$2280.00** in membership dues and **\$170.00** in donations, for a total of **\$2450.00**. The Association is thankful to all who join and renew, and to those who make donations in addition to their dues.

Expenses to date are **\$3043.29**. We spent **\$439.50** to make tools to use by the AIS early detection/response volunteers, **\$850** for beaver control around the culvert on CR 11, **\$339.15** for the annual meeting refreshments and picnic in July, and **\$235.00** to RMB Environmental Labs for water testing. Other expenses include the printing and mailing of the Blurb, thank-you cards to members, and donations to the Leech Lake Area Watershed Foundation and to the Longville Area Lakes Walleye Catch & Release program.

Linda Burns, Treasurer BLA Inc

	MEMBERSHIP FORM (Fiscal Year - July 1, 2015 to June 30, 2016)		
NAME: (please print)	(
	SPOUSE:		
MAILING ADDRESS:			
CITY:	STATE:	ZIP:	
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Lake Address if not your pe	rmanent residence:		
Street:	City:		
State: Zip:	Ph:()		
Particular Interests/Concern	s:		
Willingness to get involved:	Volunteer for culvert watch	DNR helper	
AIS Inspection/support			
	lease send completed form along with yo A Inc Treasurer. Linda Burns 6015-11th A		

Blackwater Lake Association (BLA) - 2016 AIS Prevention Plan

Vision Statement: Our mission is to preserve the resources we have for future generations by undertaking necessary actions and providing a forum for ongoing education.

Introduction and Background:

Blackwater Lake is a general development lake with approximately 755 acres of surface water and approximately 7.7miles of lakeshore, containing about 180 properties around the lake. There is one cooperative rental resort on the lake. There is a DNR public landing on the north side of the main body of water. At this time, none of the aquatic invasive species(AIS) of major concern have been found in the lake. However, Chinese and Banded Mystery Snails were found in 2014.

The Blackwater Lake Association(BLA) has been taking water samples for 25 years and has participated in the Cass County sampling program with RMBEL Labs. We have taken Secchi disk readings for 26 years and submitted them to the State of Minnesota as well as RMBEL.

In 2013, the BLA acquired and placed four metal Burma Shave-type signs that read "Stop Aquatic Hitchhikers," which is located near the public access. The messages read: "Make Sure Your Boat" - "Is Clean and Dry" - "Invasive Species" - "The Reason Why," and "Stop the Spread" - "Let's get Smart" - "Invasive Species" - "Do your Part." Additionally, AIS alerts and warnings to membership and property owners for the last 3 years.

In 2014, the BLA conducted boat inspections at the public access with paid DNR trained inspectors during a portion of each weekend from June to Labor Day 2014 for 100 total hours . BLA applied for and received matching grant funds from the state to assist in paying these boat inspectors. Additionally, a vehicle counter was installed at the public access.

In 2015 an AIS inspection program was initiated. The program established team of 8 volunteers, each to inspect 1/8 of the lake; provided training for the volunteers on AIS monitoring and identification; constructed some monitoring tools and distributed to volunteers; and established a protocol of who to notify when inspections are completed and if an AIS is found.

The BLA is a member of the Healthy Lakes Program, the Leech Lake Watershed Foundation LLWF, the Association of Cass County Lakes ACCL; Minnesota Waters; and Minnesota Lakes and Rivers Advocates. Future Actions and Opportunities

Goal: To protect our quality waters from the spread of aquatic invasive species through collaborative actions of prevention, education and enforcement by:

1. Increasing boat inspection weekend hours from Memorial Day through mid September based on traffic data learned from the vehicle data counter. While this will be a significant increase from the100-hours of inspections conducted summer 2014, one-bad boat entering the water will destroy our high quality lake.

2. Raising funds to pay for increased boat inspection expenses and other AIS-related needs, a special ask request to lake neighbors needs to be scheduled for spring 2016, communicated through a mailing, an article in the spring Blurb newsletter and articulated at the annual meeting. A final budget of expenses will be developed and approved for funding ini-

tiatives by the BLA Board.

3. Providing training on AIS identification to as many lake members as possible and especially our own eight area inspectors. They are in place and trained to be the front line of defense and detection for our AIS early detection.

4. Establishing teams of trained volunteers willing to periodically inspect the lake areas which are divided into the eight sections of the lake in relation to our roads to the lakeshore homes.

5. Develop an early detection response plan so that if an AIS is found, the plan can be quickly implemented.

6. Continuing to print AIS articles in the newsletter and sending emails to BLA property owners to bring attention to the on-going fight against AIS. The messages will remind BLA members and friends of the need to be diligent in cleaning their boats and trailers, draining water from holds, pullingthe-plug, and just being alert to other developments.

7. Providing posters and handouts at local business, including the lumber yard, Mule Lake Store, Corral and others to augment what is already in place.

8. Providing AIS handouts in our new neighbors welcome packets.

9. Continuing to host AIS speakers at the annual meeting.

10. Periodically reviewing and modifying the 2016 AIS Plan, as requirements dictate

by Becky Seemann & Lloyd Thielmann

The only AIS found on Blackwater Lake are the Chinese and banded mystery snails. These snails are most noticeable when they die and are found floating on the water surface. The snails are native to Asia and can form dense populations that foul shorelines. Mystery snails can feed on fish embryos and also are host to parasites that can kill waterfowl. They may displace our native snails. At this time, there in no control method for these snails that wouldn't also kill our native snails.

Photos: Chinese mystery snail- Travis Skalicky; Chinese mystery snail (top) and banded mystery snail (note the size difference)- Carolyn Dindorf

by Carolyn Dindorf



Aquatic Invasive Species: Early Detection Training Held

Early detection of AIS can make a difference when management or eradication options may still be available. Our Blackwater Lake AIS volunteers play an important role in preventing the spread of aquatic invasive species by learning to identify the invasive species.

A special thank you to Carolyn Dindorf, a professional limnologist with a cabin on the lake, for hosting a training session in August focused on teaching us the steps to identify the most prevalent species that could come to our lake. In addition, Carolyn provided leadership to help develop our early response plan should we discover we have AIS at Blackwater. Accolades to Lloyd Thielmann for the fabricating zebra mussel traps and aquatic rakes for use by our volunteers, which were paid for in part from proceeds from recent Blackwater Lake shirt sales.

Many thanks to AIS volunteers for their willingness to help in our effort to preserve our high quality lake by monitoring for potential aquatic invasive species AIS. Volunteer neighbors are located around the lake based upon the on roads into Blackwater Lake,

as follows:

Norman's Bay, South Green Forest Drive, Phoebe Trail NW & Kingbird Trail NW: Mary Collins & Joel Suhl

East & into Norman's Bay, Norman's Point Road: Jerry Franke

South & East, 4th Avenue NW: Tim Marr

South & West, 6th Avenue NW & Blackwater Road NW: Jim Eller & Linda Burns

North & West, Hardwood Shores Drive NW & 28th St. NW: Rick & Kathy Zbikowski

North & West, 6th Avenue NW: Brandon & Cindy Larson

Pine Haven, 4th Avenue NW & Cty Road 11: Tom Keaveny, Ria Ghorbati

North & East, 3rd Avenue NW & Westgate Drive NW: Elmer Schwerin

When people work together, everyone benefits!

Blackwater Lake AIS Team members: Lloyd Thielmann, Claus Peukert, Carolyn Dindorf, Travis Skalicky, Becky Seemann



4th of July Boat Parade

The 4th of July turned out to be a perfect day for a boat parade. The weather cooperated, and 35 boats participated in the procession around Blackwater Lake.

The boat designed by the Gardell family was voted the Best Decorated Boat, and they took home \$100 (donated by the Blackwater Lake Association) and a trophy. Nine of the 17 boats that turned in a ballot agreed that the Gardell's tribute to those who have served and are serving in the U.S. Armed Forces should take the prize.

It was great to see the creativity displayed in the boat decorations this year and we thank all those who participated and made it a fun afternoon for all.

We do want to apologize for any confusion on the direction of the parade this year (counter clockwise direction was stated in error in the last Blurb article). Just to avoid confusion going forward, the parade will always proceed in a clockwise direction around the lake and will start at 2:00 pm from the entrance to Little Blackwater Lake.

by Cindy Larson and Peggy Skalicky



Annual Meeting Prize Donors and Winners

DONOR

Wheeler Marine Wheeler Marine Wheeler Marine Wheeler Marine Wheeler Marine Area Lakes Building Center Area Lakes Building Center Prososki All Care Wheeler Marine Wheeler Marine Walker Bank of Longville Walker Bank of Longville Walker Bank of Longville Prososki All Care Prososki All Care Blackwater Lake Assoc. Blackwater Lake Assoc. Barbie & Craig Laughlin Artwoods Artwoods Mule Lake Store Artwoods Jim Eller & Linda Burns Sue & Al Peterson Sue & Al Peterson Sue & Al Peterson Sue & Al Peterson Geri & Tom Staley Yvonne & Jerry Franke Auggie & Colleen Grapentin Prososki All Care Prososki All Care **Unnamed Donor** Prososki All Care Prososki All Care Prososki All Care Prososki All Care Harriet & Eldred Redman & Sharon Weber Prososki All Care Prososki All Care 1st National Bank of Walker Artwoods

ITEM

\$20 gift certificate \$20 gift certificate Water Gun Water Gun Paddle for Raft \$20 gift certificate \$20 gift certificate Large Kick Board Can Coozies Can Coozies Can Coozies Can Coozies Can Coozies Small Kick board Small Kick board Small Kick board Can Coozie 3 Person Tube T-Shirt Shopping Bag Water Bottle \$25.00 Gift Certificate Can Coozie Can Coozie 1 year membership 1 year membership Garden Yard Art 2 Cutting Boards Blackwater T-Shirt Can Coozie Blackwater T-Shirt Blackwater T-Shirt 3 Fishing Lures Leatherman Knife JackBack Knife S'More Basket **Basket of Goodies** American Flag 10 Piece Glass Set Lona Sleeve T-Shirt Can Coozie Monopoly Bass Fishing Game Can Coozie T-Shirt T-Shirt T-Shirt \$20.00 Gift Certificate to Mule Lake Store Can Coozie Can Coozie Pizza Cutter Kitchen Utensils **Kitchen Utensils Kitchen Utensils Kitchen Utensils** Necklace

WINNER

Lloyd Theilmann **Rick Zbikowski** Jim Eller Don Rakotz Paul Hokr Harriet Redman Carolyn Dindorf Bart Dabrowski Kevin Weber **Dotie Sletten** Paul Norman **Rickard Clough Travis Skalicky Diane Peukert** Elmer Schwerin Pat Schwerin Jeff Wibeto Kathy Zbikowski **Russel Piehl** Mary Collins **Colleen Grapentin** Tom Staley Becky Seemann Terry Thielmann Karen Tiemens Barb Piehl Auggie Grapentin Geri Stalev Sharon Weber Mike Duppong **Yvonne Franke** Tom Tiemens Nancy Rakotz Joel Suhl Claus Peukert Susie Voeller Eldred Redman **Bob Schroeder** Larry Hunt Craig Laughlin Tom Dokman Connie Sonneberg Marjorie Clough Ron Sonneberg **Barbie Laughlin** Jan Keaveny Carla Hunt Al Peterson **Bob Seemann** Linda Burns Kathy Zbkowski **Court Lechert** Cindy Larson Jerry Franke Brandon Larson

MEET YOUR LAKE NEIGHBORS

By Becky Seemann Reporter



Brandon and Cindy Larson of Dayton, Minn. found just the right spot on Blackwater in August of 2013. They'd been looking for a couple years and fell in love with the view overlooking the lake. Cindy had always dreamed of having a lake cabin and Brandon spent a lot of time at the family cabin on Lake Minnewawa.

The two love projects, so they decided to jump right in and get the major cabin work done right away. The last two years has been a time of extensive remodeling. Whew! It looks great now. Their next project is to bring out a permanent fish house, since they both like to fish year-round.

They are also into a variety of activities other than cabin remodeling. Brandon is a member of the Minnesota Maple Syrup Producers Association and one of his favorite projects is tapping maple trees and making maple syrup. He says he'll do about 150 taps in Dayton, and plans to do 50 more around the cabin this year for the first time. He also likes to build metal yard ornaments. Cindy enjoys target shooting and is involved in a sporting clays league. Both are employed in the ammunition industry.

At the lake, Brandon finds chopping wood by hand a soothing pastime. You'll often see them taking walks and exploring the woods with their dog Shilo. They also like to hunt deer, geese and grouse as well as ride around on their 4-wheeler. Recently, Brandon was riding along a trail when he realized that a grouse was following him. He stopped and was delightedly surprised when the bird jumped on to a cardboard box he had in the vehicle. Since then, he's continued to see the same grouse around the area and now refers to it as his "pet grouse."

Cindy and Brandon are having fun meeting new friends on the lake, particularly during the 4th of July Boat Parade which she now helps organize.

Spring Free Tree Seedlings

Our Blackwater Lake Association board has indicated that they will again fund our annual "Spring Free Tree Seedling" program for spring of 2016. This is just reminder of that program. I will use the same mailing list that I've used in previous years. For individuals that wish to get more information or just get on the mailing list, please contact me by phone @218-682-2696, e-mail: clechert@tds.net, or by mail @ 2640 Blackwater Rd. NW, Longville, MN 56655. I will add your name to the spring mailing list.

We will again purchase seedling stock from the Crow Wing County Soil and Water Conservation District. Once we receive notification on what the seedling selection will be, I will forward that information to each of you to submit your order. This usually occurs in March. We should receive our order the first of May. Each family can choose up to 5 seedlings of each species, up to a maximum total of 25. The seedlings we receive are dormant, bare root stock. We hope that this material will be planted on your property to prevent shoreline erosion or add to your overall landscaping.

THANK YOU Court Lechert *Healthy Lakes Committee*



282 Norman Point Road North-west Blackwater Lake Newsletter

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Longville, MN 56655-3284

Go to www.minnesotawaters.org then lake and river groups, and then Blackwater Lake Association, Inc. (Cass County). It is full of information

Connect to our website!

Carla Hunt, Editor, Blackwater Blurb 19145 Concord St. NW Elk River, MN 55330

or e-mail to Scoopspub@msn.com.

Got News, Announcements to Make, Pictures to Share?

Please submit articles of interest to: