

JESSIE LAKE WATERSHED ASSOCIATION



JESSIE JABBER

VOL.22, NO.2

FALL 2019

MESSAGE FROM PRESIDENT HOLLISTER MADSEN:

Hello to all our members, I hope everyone had a great year and got the chance to enjoy their lake home and all the things living up north brings. The summer seemed to go by very fast this year, the weather was up and down most of the time and we had almost no Indian summer to speak of. Fall was very wet, wetter than it has been in many years, which has contributed to high lake levels in all the area lakes and streams.

We will be watching the snow levels this winter to determine where the lake level will end up after ice out in the spring. Jessie Lake did freeze over completely on 11/12 with the cold night we had on 11/11. Not sure if it will hold, depending on the warm temps we are seeing in mid November.

On another note, two of our board members decided to sell their lake home on Jessie Lake. Tina and Jason Jorgensen, both served on the Board for several years, Tina as our treasurer for 7 years and Jason served as a director for 4 years. They were very active in JLWA activities. We also lost one of our directors, Dick Schedin who passed away this summer after serving 4 years on the Board. Dick was a great asset to JLWA and will be truly missed.

We were very fortunate to add two new directors, Will Layland, from Jessie Lake and Joe Durbak from Peterson Lake and look forward to their involvement in JLWA. Dave Anderson, who was our past president, agreed to take over the treasurer position from Tina and I thank him for filling this critical position.

We had several properties turn over this year within the watershed area and I welcome all new homeowners to the area.

To all members, I wish everyone a safe and happy holiday season and a very prosperous 2020!

JLWA ANNUAL MEETING - AUGUST 31, 2019

By Gin Anderson, Secretary

President Hollister Madsen called the meeting to order and there were 18 members present. The Board of Directors and Officers were introduced.

OLD BUSINESS and 2019 PROJECT REVIEW

Business Items -- There being no additions to the agenda, a motion was made and passed to accept the agenda.

Treasurers Report -- Tina Jorgenson gave the treasurers report showing a current balance of \$8,595.51 We had about \$2000 of income in 2019 versus the expected of \$2300. Expenses year to date are \$1686 and \$532 of additional expenses are projected through 2019. The 2020 proposed budget of \$2200 was presented and reviewed. Costs for water sampling will be going up because of a new vendor and time being charged by Soil and Water Conservation. Postage is expected to be down due to more emailing of Jabber, dues, and meeting notifications. We expect to nearly break even on revenue and expenses. A motion to accept the proposed budget carried.

Membership – Currently, we have 92 members in 2019 versus 101 in 2018. Both Jessie Lake and Little Jessie members decreased. Everyone was encouraged to remind their neighbors to sign up for JLWA and encourage new property owners to join.

Picnic/Spring Meeting -- This year the picnic/meeting was held at 4pm on Sat. June 22nd at Rhonda's house.. Approximately 17 people attended the picnic and short spring meeting led by Hollister. We'll try to promote that event more next year

Website -- The Association website is updated regularly by Hollister Madsen. Contact Hollister if you have any ideas for the website, www.minnesotawaters.org/jessielakewatershed.

Share the Lake Day -- Since there were no volunteers to chair this project it was not held this year.

Fishing Contest -- Hollister gave an update on the Northern Fishing Contest that was conducted on June 22nd. Only three people entered the contest and they caught three northern. Jim Wilson was the winner with two fish. Prizes were presented at the picnic. Rocky and Will Layland worked with Craig Johnson to coordinate the contest. We plan to have another contest next year.

Water Quality -- Harold Goetzman reported that he does a water chemistry sample once a month and a Secchi disk check every two weeks for five months. Harold reported that the water quality was about the same as last year. August had some higher phosphorus numbers so we can probably expect to see some green in the water this fall. At this time there is no oxygen below 20 feet. This spring the lake was not as clear as normal with a Secchi of 10 feet. By mid-June, however, the water clarity was improved with the Secchi reading of 18 feet. July was not as green this year, but clarity was down to 4.5 feet in August. The lake should start to turnover about mid-September and start to clear. The summer phosphorous was about the same as last year. Since septic can affect water quality, the County has obtained a grant of \$700,000 for no interest loans that people can use to update their septic.

Lake Level -- Jim Anderson reported that the water levels were high in the spring, but not a record. Water has gone down 16 inches since May 11th, and it is currently 3 inches higher than last year at this time. He measures once a week and reports the numbers to the DNR who post them on their website (see following article and chart for details).

AIS Update -- Harold Goetzman reported that Itasca County is very active in checking boats for invasive species on Itasca lakes including a number of days at Jessie Lake and we do the 2nd most boat inspections in the state. Itasca County has three mobile decontaminating units for boats. Over 24,000 boats will be inspected this year. They are looking for volunteers to do boat landing inspections. Docks need to be out of the water for 20 days to kill invasive species. Itasca County has a 5 Star Certification program where some individuals who put in and take out docks etc. get certified that they will follow all the AIS rules in terms of equipment they are using to conduct their work and the cleaning of that equipment. People are encouraged to use the 5 Star vendors listed by SWCD to help control AIS issues. There is research being conducted at the U's Aquatic Center on invasive species, which hopefully will find a solution to the Zebra mussel problem. Resort Associations are encouraging their people to do boat inspections as other states have zebra mussels.

Loons -- Jim Anderson reported the DNR had stopped the loon counting program. Only one chick was seen this year and nesting may have been affected by the high spring water. Harold reported that a sick loon had washed up on Ronda's shoreline and it was taken to the DNR for analysis. Seems some loons have been dying of West Nile virus (see following article).

NEW BUSINESS

Peterson Lake Winter Kill -- Joe Durback of Peterson Lake reported the past winter had a high winter kill of both pan fish and bass. It has been prone to winter kill in the past winters with heavy snow and cold temperatures. Information on fish caught this summer was collected by Joe Durback and will be provided to Dave Weitzel at the DNR to help with a plan for next year. There was some discussion on whether or not JLWA could buy some fry to help jumpstart getting more fish in the lake. We'll wait to hear from Dave Weitzel on DNR plans first as they have restocked some fish in the past.

Roadside Cleanup -- Don Ojanen reported that fall cleanup will be held on Thursday, October 3rd and the backup date will be October 10th. Meet at Hollister's driveway at 4:00 PM. with dinner to follow at Riley's.

Beaver -- President Madsen reported that beaver activity is up this year. More effort will be made this fall to trap beavers. Jerry Kazcor was paid \$360 this year and will continue trapping beavers during the coming season. Hollister reported that the beaver have built a dam under the CR #35 bridge and we may need to remove it.

ELECTION OF OFFICERS

Since Tina and Jason Jorgenson have sold their property on Jessie Lake they will be stepping down as treasurer and director. We also have a second board member opening with the passing of Dick Schedin. Hollister asked for volunteers to fill these positions. David Anderson agreed to be treasurer while Joe Durbak and Will Layland agreed to fill the open board member positions. The following nominations for Officers and Directors were then presented by President Madsen:

President – Hollister Madsen

Vice President – Don Ojanen

Treasurer – David Anderson

Secretary – Gin Anderson

Director 2-year term – Chuck Klingsporn

Craig Johnson

Director 2nd year of 2-year term – Will Layland

Joe Durbak

Rita Anderson made a motion to cast a unanimous ballot for the list of officers presented to the members and Chuck Klingsporn seconded. Motion carried.

OPEN DISCUSSION

John Morrison reported on Little Spring Lake water levels, which is high this year. Normally it is stable, but sometimes it is impacted by beaver activity. There is a huge beaver dam between Spring and Little Spring and they are trying to keep it under control. There is a good rice crop on Little Spring this year.

There was discussion on whether or not the Past President position on the Board was a one-year term and whether the Board would be one position short if David Anderson became treasurer. Hollister will look at the bylaws.

Gin Anderson, Ronda Nichols and John Morrison were winners of the door prizes.

ADJOURNMENT

Jim Anderson made a motion to adjourn the meeting and it was seconded by John Morrison. Motion carried.

JLWA 2020 Proposed Budget-Approved at Annual Meeting

<u>Income:</u>	2020	2019 YTD	2018 (Actual)
Dues	\$1400.00	\$1360.00	\$1515.00
Donations	\$ 600.00	\$ 660.00	\$ 585.00
Grant	\$ 200.00	\$ 0	\$ 168.00
Total	\$2200.00	\$2020.00	\$2268.00

<u>Expenses:</u>	2020	2019 (YTD)	2018 (Actual)
Postage	\$150.00	\$110.00	\$415.00
Printing	\$100.00	\$ 66.58	\$126.60
Share the Lake Day	\$250.00	\$ 0	\$ 0
Conservation MN	\$270.00	\$270.00	\$270.00
MN Lakes and Rivers	\$150.00	\$150.00	\$150.00
ICOLA	\$ 50.00	\$ 43.50	\$ 50.00
IWLP	\$100.00	\$ 100.00	\$100.00
Meeting Rental	\$ 50.00	\$ 0	\$ 50.00

Water Testing	\$300.00	\$ 86.00	\$266.00
Supplies	\$ 50.00	\$ 6.28	\$ 24.85
Beaver Bounty	\$250.00	\$360.00	\$120.00
Fishing Contest	\$300.00	\$517.29	\$ 0
Door Prizes	\$150.00	\$ 76.99	\$ 0
<u>Total</u>	\$2170.00	\$1686.64	\$1572.45

MEET YOUR NEW DIRECTORS
WILL LAYLAND

I was born in Portland, Oregon, but our family moved to Afton, MN where I was raised on a 40 acre hobby farm and graduated in 1972 from Park High School in Cottage Grove, MN. I went on to a trade school for carpentry, but ended up in management at Seagate Technology for 34 years before retiring in 2017. My wife Rocky and I previously owned cabins in the Aitkin area where we did a lot of fishing and hunting. We moved to Jessie Lake after selling our house in Circle Pines and the cabin on Ripple Lake. We had fished many lakes in the Bowstring area and love the forest so we decided to purchase a house in this area. We found a nice home on Jessie lake and now reside here full-time on the NW side of the lake. I am looking forward to serving on the JLWA Board to help preserve the lakes in this area.

JOSEPH (JOE) DURBAK

I was born in Schenectady, New York and grew up loving the outdoors, hunting and fishing on our family property. I graduated in 1974 and worked for General Electric for 5 years. I then moved to Titusville, Florida and went to work in the aerospace industry for McDonnell Douglas. I remained with the same company building, testing and launching rockets for 35 years, although the name changed from McDonnell Douglas, to Boeing and finally to United Launch Alliance. I have been married to my wife, Shelley for 23 years. She worked as a registered nurse for 25 years. We have no children, but we have 2 dogs that we consider to be our kids (Ruger and Bullet, both keeshonden). If you're wondering how we ended up in Minnesota, Shelley's family was from Indiana and they spent a week fishing in Marcell every fall when she was growing up. We started coming up to Marcell for fishing in 2004. We ended up purchasing property on Peterson Lake in 2006, planning to spend our summers there after we both retired in 2018. So now we spend the winters in Madison, Alabama and spend our summers in Talmoon. I look forward to serving as a director of JLWA.

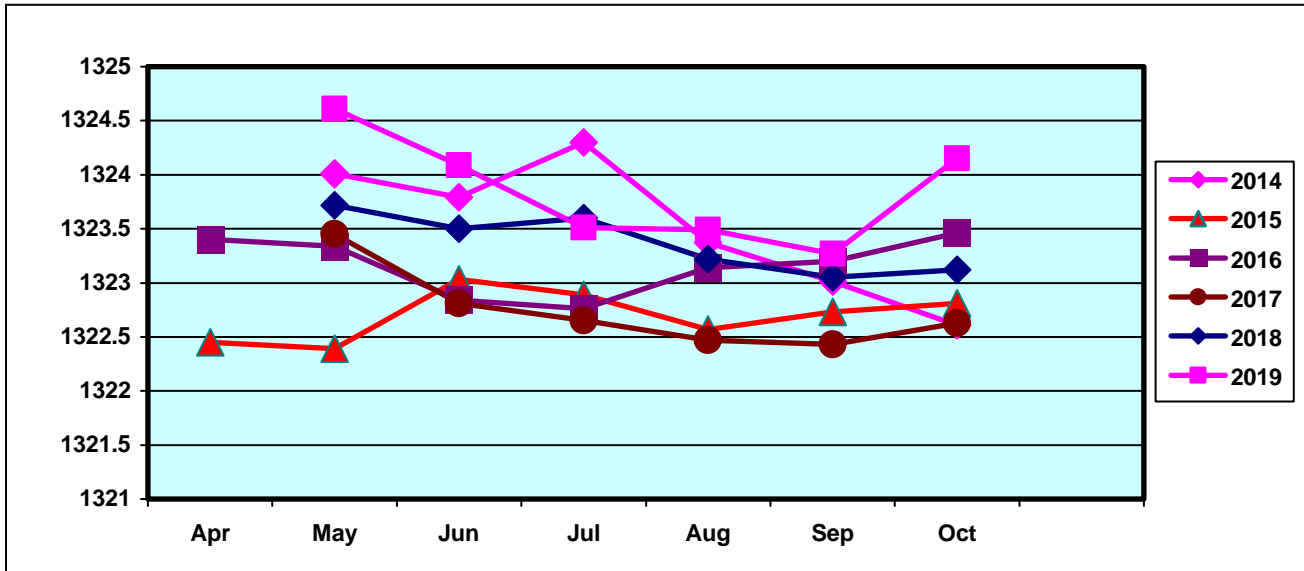
JESSIE LAKE WATER LEVELS – 2019

By Jim Anderson

This year the ice went out on April 29th, which was 6 days earlier than last year and 4 days later than the average on April 25th. The first measurement of the water level was 1324.61 feet above mean sea level taken on May 11th, which was about 11 inches higher than the previous spring. This was a winter with high snow levels so we gained about 1.5 feet from the fall of 2018 giving us the highest spring level in 6 years. For the opening of fishing we still had rather high water levels. Even with significant summer rainfall the lake lost about 6 inches into June and then another 6 inches to mid-July, which was still higher than normal for the June, July and August summer season. October gained slightly to finish at 1324.15 feet on Oct. 12th when the gauge was removed. This was only about 5.5 inches less than the beginning of the year. From the first of September to October 12th the lake level had increased 11 inches and was still going up (about 6 inches) until the November 12th freeze up. With a normal amount of snowfall we could see spring levels next year even higher than what we had this year.

Editor's Note: The main reason that the Jessie Lake water level kept increasing this fall is that a beaver dam under the #35 bridge has caused a significant reduction in water flowing out of the lake. The Itasca County Highway department was alerted to this problem and since there is potential for

damage to the bridge they agreed to remove it before freeze up. This has not happened so far and it appears with freeze-up here this will remain a serious problem leading to shoreline erosion next spring.



Jessie Lake six year summer water levels (Feet Above Sea Level)

UPDATE ON AQUATIC INVASIVE SPECIES (AIS)

By Harold Goetzman

Zebra mussels

The DNR has listed confirmed zebra mussels in 214 lakes, rivers and wetlands. Another 194 bodies of water are listed because they are closely connected to confirmed lakes. This includes the connected waters of Pokegama, Jay Gould, Little Jay Gould to the confirmed waters with zebra mussels in the Grand Rapids Blandin Reservoir and Mississippi River. The DNR has also announced on Nov. 8th that zebra mussel veligers (larvae) have been found in Lake of the Woods water samples. No adults were discovered yet, but the number of larvae is substantial. Lake of the Woods will now be added to the infested waters list for zebra mussels. Also, spiny water flea have been present in the big lake for over 10 years. Zebra mussels are frequently discovered in the fall when docks and lifts are removed for the winter so carefully check your equipment when removing it for the season.

Four more water samples from Red Lake have contained mussel veligers, which confirms earlier findings this spring. No adult zebra mussels have been found, which is not surprising considering the size of the lake. A similar situation occurred in Leech Lake where veligers were found in water samples for several years before adults were finally found this year by the DNR.

MN law requires keeping docks and lifts out of the water for at least 21 days before putting them into a different body of water.

Starry Stonewort

The new invasive species found in Lake Koronis (Stearns Co.) in August 2015 called "starry stonewort" is a grass-like macro algae with a small star-shaped flower. The algae produces dense mats that chokes out native plants and is typically spread by lake users who transport fragments of the plant. It can even displace Eurasian milfoil, which is really scary. No successful treatment to stop the spread has been found. No new infestations have been found in Itasca County this year, but Beltrami Lake in Beltrami County was confirmed to have starry stonewort in August. This is the first new state-wide confirmation of starry stonewort in 2019 and MN now has 14 lakes with it.

General

One of the best preventative measures for our lakes is to recommend that our residents try to avoid going to an AIS infested lake. With the number of lakes available we can find good fishing other places. A list of AIS infested lakes is published on the DNR website.

SWCD AIS UPDATE FOR ITASCA COUNTY

At the October 16th, ICOLA meeting a report on the Itasca County AIS program was given by the coordinator, Bill Grantges. This year all 59 lakes with AIS and 40 highway AIS locations have received control measures. Itasca County received \$621,000 in state funds for the 2019 AIS program.

Prevention Program

By Bill Grantges, AIS Program Coordinator, SWCD

The prevention program includes the watercraft inspection and decontamination at public water accesses. During the summer months there were over 20 inspectors and many volunteers carrying out boat inspections that totaled over 24,000 with 262 cases of AIS intercepted. There were 250 decontaminations completed at 35 landings on 27 lakes. The County now has 3 decontamination units that were used during the summer at various lakes. The AIS inspectors were also present at a number of fishing tournaments in Itasca County. The County AIS crew inspected boats at the Jessie Lake landing 16 times this summer and fortunately no infested boats or trailers were discovered. Details on how many violations of the state rules for plug and water removal was not available.

Control and Monitoring Program

By Chris Evans, AIS Specialist, SWCD

Our AIS Control & Monitoring Crew of 8 people performed full detailed surveys on 88 high-priority lakes and 3 major rivers in Itasca County. During the 2019 season they surveyed Jessie Lake and Little Jessie each twice, once in the early season and once in late season. There were no invasive plants or mussels found this year on those lakes. Also, Zebra Mussel Veliger Settlement Samplers (Zebra Mussel Traps) were placed near the public accesses of Jessie and Little Jessie in May and during removal this fall no zebra mussels were found. There was only one new infestation of AIS this season, which was Purple Loostribe on Conners Lake in Bigfork. However, we took many plankton samples from multiple high-risk lakes in Itasca County and will be analyzing their contents this winter in search of Zebra Mussel veligers. Any findings will be confirmed by the DNR and then released to the public. There have not been any veligers found in the samples analyzed so far.

The new high resolution cameras and plankton sampling nets have added a great deal of accuracy and efficiency to our invasive species surveys. Although we still use the primitive methods to survey lakeshores, i.e. inspecting rocks, sticks, weeds and sediment samples, we now also visually inspect large portions of every lake we visit with the 4K Ultra HD underwater cameras. We are able to identify even the smallest plants and animals in dark water lakes like Bowstring and Blackwater Lakes down to approximately 15 feet of water.. The cameras display live footage on tablets as we investigate the high-risk areas.

Despite all of the recreational traffic and the connectedness to Sand Lake, zebra mussels have still not been located in Bowstring Lake.

A TRUE FISH STORY

By Harold Goetzman

One day last fall while sitting on my dock, Marn Flicker came over to tell me a true fish story that had happened to him when he was fishing across the lake from our cabin. He was fishing on the east shore early in the morning when he saw a bobber floating nearby and he went over to pick it up. Then it took off and went down before coming up a distance away. Marn final got close enough to cast his jig hoping to catch the line below the bobber so he could reel it in. However, as he was reeling it in whatever was on the line suddenly took off again and he had to chase it with the boat to avoid breaking

his line. After about a half hour he finally started to make headway on reeling it up to the boat when he saw it was a rather large northern. Eventually, he got it in the net (sort of) and into the boat. It turns out that his jig hook was actually through the heavy braided line with the fish on it. The strangest part of this story is that after hearing the tale, I told him that the previous day my neighbor had his pole and line break while fishing on his dock with a similar looking bobber and line. Marn measured the fish at 38 inches long and then released it to provide a catching opportunity for another lucky angler.

WEST NILE VIRUS IMPACTING LOON AND GROUSE POPULATION

By Harold Goetzman

According to the nongame wildlife staff at the DNR there has been an increase in dead loons found on MN lakes, which have mostly been due to the West Nile virus. This summer (August) on Jessie Lake a dead loon was found on Rhonda Nichols shore and it was taken in to the DNR for analysis. They had a delay in getting it analyzed due to funds, but they told me the previous six loons brought in from our area were confirmed cases of West Nile. This loon spent a day near my cabin acting very strange close to shore and apparently died that night before washing up at Rhonda's. A couple months later another loon was acting strange at my neighbors, which we assume died and washed in down the lake. This will definitely impact our loon population on Jessie next year. Many other lakes have been reporting a decline in their loon count this year. At Wabana Lake they counted 35 loons this year compared to 65 the previous year. Loon mortality in MN due to West Nile has been documented since 2005. It is not uncommon for people, animals and birds to be exposed to WNV through mosquito bites. Most people and animals successfully fight off the virus and develop antibodies against future infection. However, some birds like loons and crows are especially susceptible to the infection. Of course, part of the decline in the loon population can also be due to the loss of young loons during the Gulf Coast oil spill. These young loons usually stay in the Gulf for three years before returning to their birth area.

West Nile has also been impacting our grouse population and the DNR has been collecting samples from hunters to determine the extent of this impact. In Wisconsin they found 29% of the grouse samples contained WNV while in MN only 8% had the virus. It is still unknown how many of the birds are dying from the virus and how much of the population decline is due to the virus. It appears that in poor habitat areas the impact is greater as the birds are not healthy enough to fight off the disease. There have been no documented cases of people contracting the West Nile virus from consuming infected grouse.

DICK SCHEDIN (1942-2019) - JLWA BOARD DIRECTOR

Our JLWA suffered a great loss with the passing of Richard (Dick) Schedin on May 25th. Dick served on the Board of Directors for the past 4 years and was a valuable representative of Little Jessie Lake. Dick came to our area at the age of 4 to Bowstring, MN where the family started a small store (now the Bowstring Store) that housed the local phone exchange, post office, fire warden and was a center of the community. He graduated from Deer River HS and graduated from the U of M College of Biological Sciences in biology and chemistry. He met his wife Chris in 1969, were married in 1970 and lived in the Minneapolis area where they were blessed with three wonderful children. Dick worked in various chemistry jobs until 1976 when Dick and Chris started their Grand Rapids business, Wheelchairs Plus providing rehab equipment. The family moved to Bowstring in 1981 and built a home on Little Jessie Lake where he could be close to family roots and enjoy the things he loved. Dick had a great sense of humor, loved feeding the birds, fishing, hunting, music, played the Banjo and taught plus performing clog dancing. He was a respected member of the community and after retirement he was a Hospice Volunteer, Bowstring Chapel Trustee and a Township Supervisor. Dick will definitely be missed by everyone in JLWA as well as the Bowstring Community.

HELP PRESERVE QUALITY FISHING

By Harold Goetzman

Working together we can leave a productive fishery for future generations. Please release a portion of your fish caught. The best size fish to release recommended by the DNR is as follows: Northern Pike – over 25 inches, Walleye – over 20 inches, Bass – over 15 inches, Crappie – over 10 inches and Bluegill – over 8 inches. Many people who practice catch and release fishing will often return fish much smaller than these sizes and the slot lakes also require it. Also, remember that the smaller fish are better to eat as they taste better and contain less mercury. In any lake, mercury levels are higher in older fish and in fish that eat other fish.

You can also help the quality of our fishery and protect wildlife by switching to lead-free tackle. The toxic metal can poison wildlife such as loons, swans and eagles that inadvertently swallow lead fishing tackle. To benefit wildlife and anglers, the DNR suggests using sinkers and jigs made from materials such as tungsten, steel, tin and bismuth.

POTPOURRI

By Harold Goetzman

Share the Lake Day. This was to be the 10th year that our Association hosted a day of sharing with those not able to be on a lake. Unfortunately, due to no one volunteering to coordinate the day we could not hold the event on the lake and use the Let's Go Fishing pontoon. Hopefully, next year we will have someone interested in coordinating the event.

July 4th Parade. For over 40 years, Little Jessie Lake has held a boat parade on July 4th and about 25 boats participated this year. The parade started at noon and afterwards they gathered for cake and beverages. On Saturday, July 6th the third annual boat parade on Jessie Lake was held with 14 boats participating. The parade started at 1 pm and afterwards Jerril and Hollister Madsen hosted a party with brats and beverages. Think about joining the boat parade next year if you are at Jessie Lake on the 4th of July. Any flag or appropriate decorations for your boat would be good.

Marn Flicker. On Aug. 16th at the Itasca County Fair, Marn was named Itasca County Outstanding Male Senior volunteer. Representing Itasca County at the MN State Fair this fall he was awarded the runner-up position for Outstanding Male Senior Volunteer in the entire state of Minnesota. These are well-deserved honors for our “Jessie Energizer Bunny”. We all have benefited from his volunteer activities since he was our JLWA President for four years (2010-2013). Currently, he serves on the MN Walleye Advisory Board and is a captain for the Let's Go Fishing organization in Grand Rapids as well as a number of other volunteer activities with AARP and Eldercircle that benefit our County.

DNR Stocking. The annual report on stocking walleye was reviewed by the Walleye Advisory Committee recently and showed Jessie Lake received our normal 875,000 fry in 2019. Little Jessie was stocked with 13,246 fingerlings this year so hopefully we will maintain good walleye fishing in our lakes. The total state stocking was 94,837 lbs, which cost the DNR \$882,000 to trap, raise or purchase.

Roadside Clean-up. On Thursday, October 3rd we had 15 members (some new people) meet to pick up litter on 3 miles of County Rd 35 between Highway 6 and County Rd 133. The project was coordinated by Don Ojanen and was completed in about an hour. We need to be diligent and continue this effort as the amount of trash collected is always substantial. After the cleanup the crew went to Riley's for burgers and fellowship. The County provides garbage bags and vests so it is a good public service event for JLWA. Think about helping next year, which will be year 16 for this program.

JLWA Website. The website is updated regularly by our webmaster, Hollister Madsen. Our members should feel free to contact him at 832-3551 with any additions or changes they would like. You can visit the website at URL www.minnesotawaters.org/jessielakewatershed to see updates, meeting notices and the latest issue of the Jabber.

DID YOU KNOW?

By Harold Goetzman

- Over the past half century, 3 billion birds (29%) have disappeared from the skies in the US and Canada. Now the effects of climate change could increase that decline.
- The MN deer season is set as the Saturday closest to Nov. 6th. The earliest it can be is Nov. 3rd and the latest date is Nov. 9th like we currently have for 2019.
- In the fall of 2018 the deer hunters had 24% success with 188,700 deer harvested.
- More than 40% of Minnesota waters are listed contaminated, threatening drinking water and fish.
- A DNR permit may be needed for transporting used docks, lifts and equipment to another lake.
- More than 40% of Minnesota's drinking water comes directly from the Mississippi River or groundwater in the headwaters area.
- You can contact the DNR's AIS Specialist, Rich Rezanka, in Grand Rapids at 218-328-8821.
- Jessie Lake froze over on Nov. 12th, which is 14 days under the long-term average of Nov. 26th. This is a tie with 1993 for the earliest freeze-up since our record keeping started in 1975.

CONTRIBUTIONS

Our sincere thanks to the following households that made financial contributions in 2019 to the JLWA: David and Virginia Anderson, Rod and Ethel Benham, David and Ellen Bernardson, Tom and Deanna Boysen, Loren and Teresa Chicoine, Fred and Cleo Conrad, Harold and Diane Goetzman, David Goodall and Anne Lind, Tom and Nancy Hackler, Jerome Hoepfner, Randy and Kristine Imker, Craig and Linda Johnson, Shirley Johnson, Jason and Tina Jorgenson, Bonnie Korf, Adam and Rhonda Lambrecht, Don and Marcie Majerle, William and Jody Mogren, Rhonda Nichols, Mike and Janet Nystrom, Rita Onraet, Jerry Ostergren and Sharon Swenson, Bruce and Lorraine Paatela, Mike and Theresa Peterson, Jeff and Linda Reinke, Clint and Lesli Sand, Gary and Carolyn Scherer, Stephen and Barb Schmit, Terry and Dorothy Seestrom, Bill and Christine Threinen, Wayne and Jeanne Tollagson, Nannette Vanderheyden, James and Jennifer Wilson and Denise Zaska. Thanks, also to the many unnamed volunteers who have spent many hours during the year, which are priceless.

MEMBERSHIP

The JLWA presently has 92 paid members. Treasurer, David Anderson will send out an invoice for dues in early January.

CLIP AND SAVE FOR FUTURE REFERENCE

Our JLWA website is ---www.minnesotawaters.org/jessielakewatershed

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