

JESSIE LAKE WATERSHED ASSOCIATION



JESSIE JABBER

VOL.23, NO.2

FALL 2020

MESSAGE FROM PRESIDENT HOLLISTER MADSEN:

I hope everyone and their families are safe and doing well. It has been a trying year for everyone with the COVID virus spreading across the region. I believe most everyone knows of someone close that has been impacted, if not yourself. I urge everyone to continue to be careful and safe.

Even though we were not able to have in-person events this year, JLWA remains active. Our Northern Pike fishing contest held in June and the 4th of July boat parades had great participation and a chance to get out and meet our neighbors. We also had 12 people help out with our fall roadside cleanup on CR 35 in October. We continue to monitor the water level on Jessie Lake to prevent a shore erosion event like what we experienced earlier this year. Keeping the beaver dams out of Jessie Brook creek is key to this and I want to thank all those members that volunteered their time and efforts this year to help with this project.

We have had a very cold October with a short Indian summer in early November and are now headed into the colder season. Hopefully, the lakes will be freezing over soon and with no measurable snow for the next few weeks, we might be able to build up some good ice for the ice fishing season. It has been tough the past couple years to get out on the lakes early due to the slush on the lakes.

There have been some new residents added to our lakes this past year and I welcome them to the area. As always, I wish everyone a safe winter season wherever you may spend it and all the best during the holidays.

NEW JLWA WEBMASTER WANTED

I have been the Webmaster for our JLWA website for the past 6-7 years and it's time to pass it along to someone else so they can add their creativity to it. It is very easy to use and update, so if you are interested, please contact me at hollistermadsen@gmail.com and I can get you setup to administer it.

JLWA ANNUAL MEETING – SEPTEMBER 12, 2020

By Gin Anderson, Secretary

President Hollister Madsen called the meeting to order and there were 9 members connected. The meeting was held via teleconference call due to the COVID-19 pandemic and was rescheduled from the original date of September 5th.

OLD BUSINESS and 2020 PROJECT REVIEW

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

Treasurers Report: -- Dave Anderson gave the treasurers report showing a current balance of \$8,595.51. Harold Goetzman asked about the budgeted amount for printing. It was changed from \$50 to \$120 to reflect actual costs of printing the Jabber. Craig Johnson noted he has some expenses from the fishing contest to submit yet. Motion was made by Gin Anderson and seconded by Will Layland to accept the report and proposed budget with the changes noted. Motion carried.

Membership – Currently, we have 93 members. Hollister has a few new email addresses he will send to Gin. There are some new lake owners on Jessie Lake and we are now down to one welcome packet. Chuck Klingsporn indicated they will need updating and some new ones need to be printed. Everyone was encouraged to remind their neighbors and new property owners to join JLWA.

Picnic/Spring Meeting -- No summer picnic was held this year due to COVID.

Share the Lake Day – Due to COVID and no volunteers to chair this project it was not held this year.

Fishing Contest -- Approximately 15 people participated in the contest which was better than last year. There was discussion about probably having it earlier next year. Date recommended is June 12th.

Boat Parade – There were 19 boats in the parade this year on Jessie Lake. Information was not available on how many were on Little Jessie.

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 this year the average water clarity is about a foot less than it had been last year. There is poor clarity right now and there was a bad algae bloom before Labor Day. The lake should turnover about mid-September and start to clear.

Lake Level –Jim Anderson measures the water level 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. Staffing at Soil and Water has been down due to COVID, but they have been doing boat inspections. They've already done over 30,000 inspections this year. Boat traffic is way up this year with the pandemic. Zebra mussels have been found on Bowstring with some of them having been identified as being there more than a year on the north end of the lake. That increases the chances of them coming to our lakes. Zebra mussel population increases for a number of years and then begins to die off to a lower level. The higher water clarity makes it harder to catch walleyes and the weed line usually moves out too. 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.

NEW BUSINESS

Peterson Lake Winter Kill -- Joe Durbak is monitoring Peterson due to the winter kill 2 years ago. There are some northern and some perch that survived. The DNR did a fish survey this year in August and there were no sunfish, crappies or bass, only northern and perch. Hollister has contacted the DNR and requested the results of the survey and their plans to address the lack of fish on Peterson. If needed, JLWA can assist with a stocking plan. (see following article by DNR Dave Weitzel)

Beaver -- President Madsen reported that beaver activity is up this year. The second rock bed on Spring Creek was cleared out. The dam under the bridge on Jessie Brook was cleared out and leveling planks were installed. The leveling planks subsequently had to be removed due to high water, after which the water went down 5 inches. Harold reported that he thought there were more dams on Spring Creek because you could not kayak up it. It was also reported there is a big beaver dam on Tillys Creek, Hollister talked with Jerry Kaczor and asked him to add Tillys Creek and the south end of the lake around Jessie Brook to his list of trapping sites. Jerry Kaczor was paid \$360 this year and will continue trapping beaver 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.

Fall Roadside Cleanup - Fall roadside cleanup date will be October 1st with backup date being October 10. Meet at Hollister's driveway at 5:00 PM. with dinner to follow at Riley's for those who are interested. Hollister will send out a note to all.

ELECTION OF OFFICERS

The following nominations for Officers and Directors for 2021 were 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

Harold made a motion to accept the slate of officers and Joe seconded it. Motion was carried.

OPEN DISCUSSION

ADJOURNMENT

A motion was made to adjourn the meeting. Motion carried.

JLWA 2021 Proposed Budget-Approved at Annual Meeting

<u>Income:</u>	2021 Budget	2020 (YTD)	2019 (Actual)
Dues	\$1400.00	\$1346.00	\$1360.00
Donations	\$ 800.00	\$ 775.00	\$ 660.00
Grant	\$ 0	\$ 0	\$ 0
<u>Total</u>	\$2200.00	\$2121.00	\$2020.00

<u>Expenses:</u>	2021 Budget	2020 (YTD)	2019 (Actual)
Postage	\$250.00	\$200.01	\$165.00
Printing	\$120.00	\$ 57.10	\$123.76
Share the Lake Day	\$ -	\$ 0	\$ 0
Conservation MN	\$270.00	\$270.00	\$270.00
MN Lakes and Rivers	\$150.00	\$150.00	\$150.00
ICOLA	\$ 50.00	\$ 50.00	\$ 43.50
IWLP	\$100.00	\$100.00	\$ 100.00
Meeting Rental	\$ 50.00	\$ -	\$ 50.00
Water Testing	\$350.00	\$ 407.00	\$350.00
Supplies	\$ 50.00	\$ -	\$ 6.28
Beaver Bounty	\$300.00	\$300.00	\$360.00
Beaver Control Supplies	\$ -	\$202.45	\$ -
Fishing Contest	\$250.00	\$250.00	\$ 517.29
Door Prizes	\$150.00	\$ 114.06	\$ 76.99
<u>Total</u>	\$2090.00	\$2100.62	\$2212.82

UPDATE ON AQUATIC INVASIVE SPECIES (AIS)

By Harold Goetzman

Zebra mussels

The DNR has listed confirmed zebra mussels in 245 lakes, rivers and wetlands. Another 194 bodies of water are listed because they are closely connected to confirmed lakes. In 2020 there were 31 new listings. Minnesota's 11,000 lakes now have 8% listed as infested with AIS and about 3% have zebra mussels. New lakes in Itasca County with zebra mussels were Pokegana, Jay Gould, Little Jay Gould, Ball Club and Bowstring. The DNR announced on July 29th, 2020, that our neighbor Bowstring Lake is officially confirmed to have zebra mussels. The SWCD discovered the presence of adult mussels on old tires in the northeast side of the lake and reported it to the DNR. A subsequent survey of the entire north shore by the SWCD staff revealed a number of adult mussels. Their distribution was described as widespread but not numerous suggesting early detection. A great deal of care should be used to drain and clean your boat if you have fished in Bowstring Lake. Also, all bait water needs to be discarded.

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. 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.

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 of stonewort have been found in Itasca County this year or last year, but Camelian Lake in Stearns County was confirmed to have starry stonewort in August. This is the first new state-wide confirmation of starry stonewort in 2020 and MN now has 15 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.

I think with the discovery of zebra in Bowstring Lake that we all need to take extra care to keep our lakes free and carefully do the steps of drain, dry and dump bait water. Like the COVID rules of wash, wear mask and social distance we need the safe treatment and distance ourselves from those lakes.

SWCD AIS UPDATE FOR ITASCA COUNTY

Itasca County received \$621,000 in state funds for the 2019–2020 AIS program. With all the problems and special regulations for Pandemic work I think the SWCD staff did a great job of continuing to monitor our county lakes for AIS. Bill Grantges, the Itasca County AIS program coordinator and Chris Evans, the Control and Monitoring Coordinator gave me a brief summary of the 2020 AIS activities. This year all 59 lakes with AIS and 40 highway AIS locations have received control measures.

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 nearly 30 inspectors and many volunteers carrying out boat inspections that totaled over 30,000. There were hundreds of 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 240 boats at Jessie Lake landing this summer and fortunately no infested boats or trailers were discovered. The boat traffic all over the County was up over previous years. 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

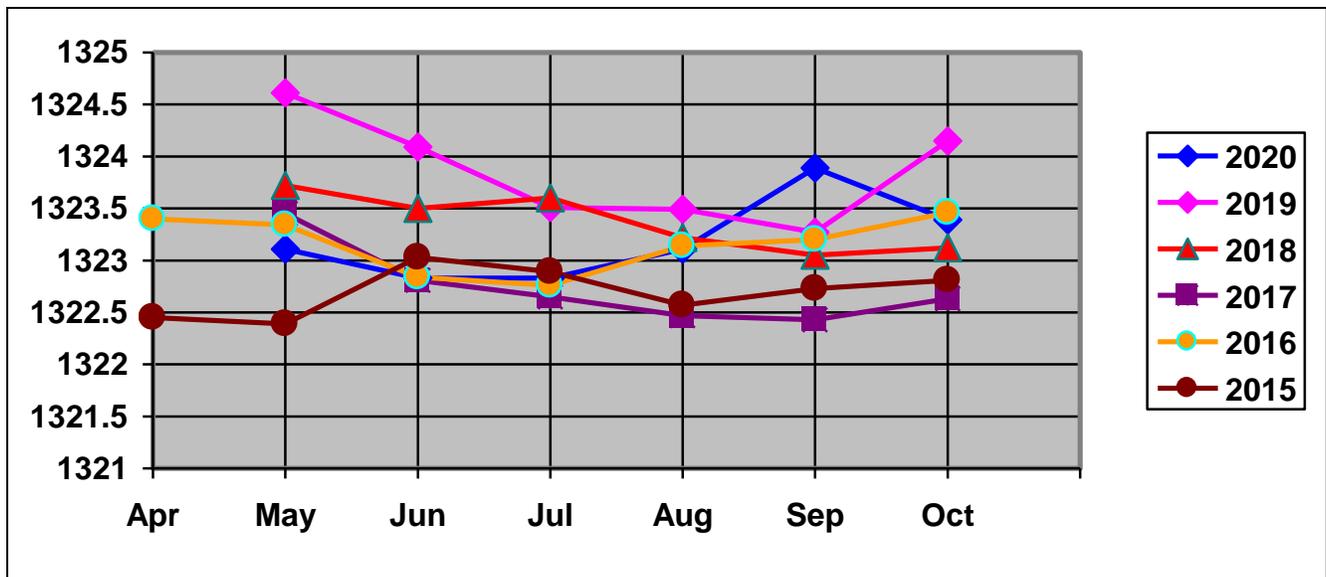
This year our AIS Control & Monitoring Crew performed full detailed surveys on 70 high-priority lakes covering over 600 miles of lakeshore and 16 miles of rivers in Itasca County. They also installed 67 veliger samplers on 54 lakes of highest risk of zebra Mussel infestation. The staff spent 3,930 hours in the field conducting early detection surveys and implementing AIS control projects. During the 2020 season we surveyed Jessie Lake and Little Jessie each twice, once in the early season and once in late season. These were total perimeter surveys walking and inspecting as much shoreline as possible. 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 were two new infestations of Purple Loostribe this season on Round Lake and on the Bigfork River near Wirt. About 57,000 Purple Loostribe defoliating beetles were collected and dispersed on 17 sites. Chemical control was also used on 48 lakes. We took 35 plankton samples from multiple high-risk lakes (Jessie and Little Jessie will be on the 2021 schedule) in Itasca County and will be analyzing their contents this winter in search of Zebra Mussel veligers.

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 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.

JESSIE LAKE WATER LEVELS – 2020

By Jim Anderson

This year the ice went out on April 26th, which was 3 days earlier than last year and 1 day later than the average of April 25th. The first measurement of the water level was 1323.11 feet above mean sea level taken on May 17th, which was about 18 inches higher than the previous spring, but similar to 2018. This was a winter with normal snow levels so we lost about 1.0 feet from the fall of 2019. For the opening of fishing we still had rather low water levels. The beginning of the summer was rather dry so the lake lost 3-4 inches, but with some July rainfall the lake on August 1st was same as May. By August 22nd the lake had risen over 12 inches after significant August 8-10th rainfall of 4.5 inches. From the lowest level on July 7th to the high on August 22nd the lake rose 15.6 inches so we had a significant change in level during the year. After a slow decline of 10 inches in September, the lake level finished up 2.6 inches over the start in May as October finished at 1323.33 feet on Oct. 9th when the gauge was removed.



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

PETERSON LAKE FISHERIES UPDATE

By Dave Weitzel, DNR Area Fisheries Supervisor

Peterson Lake is a small; relatively shallow lake located four miles northwest of Talmoon, Minnesota, in the Big Fork Watershed (and sub Jessie Lake Watershed). Due to the lake's shallow nature, oxygen levels often become depleted during severe winters resulting in occasional fish kills. The lake has two extensive shallow, heavily vegetated areas, on the north and south ends of the lake. During long winters with considerable snow coverage, photosynthesis is reduced due to the low light conditions, killing plants and reducing their capacity to produce oxygen. Additionally, bacteria use oxygen while breaking down the dead vegetation and oxygen is consumed. If oxygen levels decline too much, fish kills will occur.

Winterkill events are often alarming to anglers and lakeshore owners, but are biologically important in shallow lake management. In fact, shallow lakes often benefit from occasional winterkill events. Occasional winterkills reduce fish numbers and help control stunting in prolific species such as perch, sunfish, and pike. Because competition between fish is reduced, individuals benefit from accelerated growth rates and often grow to a large size. Large fish tend to be more intolerant of low oxygen than small fish of the same species, so most winterkills only kill a small percentage of the overall fish population and result in a short-term fisheries impact of a year or two. So long as sufficient number of spawning age fish are present, the populations will rebound naturally.

Although only two severe winterkills (1985-86, 1995-96) have been documented on Peterson Lake, less severe partial winterkills and earlier undocumented winterkills have likely occurred. Most recently, anglers reported winterkill conditions during the 2018-2019 and 2019-2020 winters. In response, Grand Rapids Area Fisheries staff conducted a winterkill assessment in August of 2020 to investigate the severity of the winterkill. The survey included 3 gill nets, 2 trap nets and 2 small mesh trap nets capable of sampling adult and young fish. Results of the survey indicate that the winterkills only resulted in a partial kill of the fish community. The catch included favorable numbers of Northern Pike in a wide range of sizes with fish over 30 inches observed (a 36 inch individual was captured and released). There were also good numbers of Yellow Perch, with some over 8 inches in the gill net catch. Three different sizes of Black Crappie were observed—a few adults around 8 to 10 inches, a couple around 4 inches (probably last year’s production) and a good number produced from this year. We did sample one young of the year sunfish, which was too small to determine if it was a Bluegill or Pumpkinseed, a few Brown Bullhead, a Golden Shiner, a Central Mudminnow and numerous Bluntnose Minnow. Largemouth Bass and adult Bluegill were not caught, but that is not to say they were not present. There are no immediate plans for restocking bass and sunfish as lakeshore owners reported seeing these species spawning in the lake this spring so they are expected to bounce back.

Northern Pike, Yellow Perch, and Black Crappie are popular species that are fairly tolerant of low oxygen levels and were the most consistent species found in Peterson Lake. These species will reproduce well on their own and will naturally repopulate following winterkill events without additional fisheries management. Largemouth Bass and Bluegill are more susceptible to winterkill and may be reintroduced following severe kills. Moving forward, the DNR will continue to monitor the lake with occasional fish surveys and outreach with interested anglers.

For more information about fisheries management in the Grand Rapids Area, please contact us at 218-328-8836 or email grandrapids.fisheries@state.mn.us.

ITASCA COUNTY WATER PLAN IMPLEMENTATION COMMITTEE (WPIC)

By Harold Goetzman

The purpose of the WPIC has been to advise the SWCD Board and County Board on maintaining and improving our natural resources in Itasca County. Traditionally, we have had a County Water Plan to address all the issues involved inside our County borders. These plans were approved by the state Board of Water and Soil Resources (BWSR) who provided some of the funds necessary to carry out the plan by our county SWCD. However, after years of studying how best to protect our state resources BWSR has now decided to switch from County or local areas to a new policy called “One Watershed, One Plan”, which will align the plans to cover a watershed boundary framework. This means a number of counties will be involved in developing a plan for each watershed. One Watershed, One Plan will transform the current system of water plans organized on political boundaries to one where plans are coordinated and consolidated on a watershed basis. They have decided it is in the public interest to manage surface and ground water resources from a watershed perspective to protect, preserve, enhance and restore the states valuable water resources.

The first plan to be developed for Itasca County is for the Upper Mississippi Headwaters One Watershed One Plan (1W1P). A complete draft of the plan is expected to be available in late November and then formal comments will be taken. The County Boards will have to decide next summer or fall if they want to adopt the plan as their formal water planning document for the watershed. Since most of the BWSR funding will be directed to these new plans it will be difficult for the county to continue with their own water plan. These plans will continue to be developed over the next few years as Itasca County has land in 6 major watersheds.

RECENT LOSSES OF ASSOCIATION MEMBERS

By Harold Goetzman

Unfortunately, the JLWA has lost three prominent members with their recent passing. Dale Hertle, Rita Onraet and Sarah Nelson were unexpectedly taken from us and I thought a short note to acknowledge that and inform members who were not aware of these losses. These three individuals were instrumental in the development of the Association since it's beginning in 1998. Their support and active assistance during my thirteen year tenure as the first president was really appreciated. May they all rest in peace.

Sarah Nelson

Sarah passed away in July at age 82 while currently living in the state of Washington where she had moved to be near her son after the loss of her husband Bill. For those of you who are long time members, you will remember what their involvement meant to the formation and development of the Association. Bill and I started the Association, but we always relied on Sarah's advice as we grew. She was a great friend who openly welcomed people into her home and into our Association.

Rita Onraet

Rita passed away on Oct. 10th at a young age of 54. Rita and her husband Tim who passed away earlier owned and operated the Jessie View Resort on the south end of Jessie Lake since 1998. They were longtime members since the beginning of the Association and were very supportive in keeping the Association viable, both with their time and monetary help. Tim was a director for a number of years. I always appreciated their opinion from a resort view as where the Association should be active.

Dale Hertle

Dale passed away on Nov. 3rd at age 85 and will be missed by all of us who knew him for his willingness to pass on his opinion on many subjects. Dale became our second treasurer in 2003 and served for a number of years. If help was needed on a project I could always count on Dale to volunteer. He and I took out beaver dams a number of times together to enhance our success for walleye to spawn on the Spring Creek rock beds. He also helped Jim count the walleye that were using the spawning beds for a number of springs. I recall Dale supporting the installation of walleye spawning beds and worked hard on the hand labor involved. Afterwards he found some diamond willow there and made me a beautiful walking stick to commemorate our successful project. I still admire that stick as it brings memories of a job well done by so many people.

Wow! A lot of good memories of some great people advancing a great organization are recalled as I write this article. That is what makes all the time given to JLWA worth it.

POTPOURRI

By Harold Goetzman

Beaver Activity Update Fall 2020. Hollister Madsen reported we have had a very active beaver season on several of our Association lakes this year. I have received many reports from property owners regarding beaver activity on shoreline trees. Our beaver trapper, Jerry Kazor, has completed the fall trapping activity with very good results. A total of 14 beaver were trapped this fall, 8 from Little Jessie and 6 from Jessie (2 from Tillys Creek and 4 from Spring Creek). In addition, trapping in

the spring resulted in 7 beaver from Little Spring Lake and 1 from Spring Creek on Jessie. There is still beaver activity in Jessie Brook creek at the south end of Big Jessie. We removed the beaver dam at the entrance of the highway 35 bridge in the spring and have since had to remove beaver dams twice more in July and October of this year. This is an area we will continue to monitor and hopefully be able to make an impact in the spring.

Share the Lake Day. This was to be the 11th year that our Association hosted a day of sharing with those not able to be on a lake. Unfortunately, due to the pandemic and no one volunteering to coordinate the day we could not hold the event and use the Let's Go Fishing pontoon. Hopefully, next year we will have someone interested in coordinating the event.

Second Annual JLWA Fishing Contest. This years "Nothing But Northerns" fishing contest was held on June 20th. Better weather with less wind and an email reminder seemed to help the attendance that was 15 participants. The contest was coordinated by Directors Craig Johnson and Will Layland who carried out the weighing and prize awarding. A total of 22 Northerns were brought in and registered in 5 different prize categories: largest northern, smallest northern, heaviest stringer of 10 fish, first fish registered and the last fish registered. First place in each category received \$50 and door prizes were also given. The results showed the largest northern was 3 lbs. 9 oz, smallest was 8.5 oz and heaviest stringer was a total of 6 lbs. 7 oz. Next year the contest is tentatively scheduled for June 12th.

July 4th Parade. For over 40 years, Little Jessie Lake has held a boat parade on July 4th. This year about 20 boats participated so about the same as previous years. The parade started at noon and toured the lake. On Saturday, July 4th the fourth annual boat parade on Jessie Lake was held with 19 boats participating. The parade started at 1 pm and toured the entire lake. Afterwards a boat party was held in the Jewel Park Bay. 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.

Roadside Clean-up. On Thursday, October 1st we had about 12 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. 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 17 for this program.

Minnesota Wolf Plan – The DNR is currently in the process of updating the state's 20 yr old wolf management plan. They are now taking public input to the plan and will release a draft of the plan early next year for public comment. Recently, the US Fish and Wildlife Service announced it would remove the wolf from the federal threatened species list in MN effective Jan. 4, 2021. The MN wolf population is estimated to be 2700.

Trumpeter Swans. Two beautiful trumpeter swans were seen in front of our neighbors this fall and they stayed around feeding for several days. Another pair with two young ones (still gray color) stopped in mid-November, which was great to see. I saw where in the lower 48 states we now have over 27,000 swans compared to about 200 in the 1930's. This restoration has been a remarkable success story for a lot of people working on this project. It certainly was appreciated to see such birds so close on Jessie Lake. They have a distinct honk that some call a "swan song", the actual sound is a mixture of "magic and melancholy" signaling the close of the fall season. Swans are one of the largest birds in America with a wingspan of 6 to 8 feet.

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

- Almost half of the fish consumed in the country last year were raised in a fish farm.
- The Nature Conservancy protected an astounding 119 million acres of land, restored thousands of river miles and worked on countless marine conservation projects across the globe.
- In the fall of 2019 all types of deer hunters had 35.9% success with about 183,600 deer harvested. The total number of hunters decreased from 475,000 in 2018 to 464,000 in 2019.
- 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.
- The 45,000 species of spiders eat an estimated 440-880 million tons of insects a year compared to 440 million tons of meat and fish eaten by all the humans in the world.
- Clams have an appendage that looks like a tongue, which is the foot they use to move around the sandy bottom.
- Americans throw away 2.5 million plastic bottles every hour.
- You can contact the DNR's AIS Specialist, Rich Rezanka, in Grand Rapids at 218-328-8821.
- Jessie Lake had not frozen over Nov.30th and may be a week over long-term average of Nov. 26th.

CONTRIBUTIONS

Our sincere thanks to the following households that made financial contributions in 2020 to the JLWA: David and Virginia Anderson, Andrea Barkley, Rod and Ethel Benham, Ron and Lynn Beranek, Loren and Teresa Chicoine, Fred and Cleo Conrad, Marn and Marie Flicker, Harold and Diane Goetzman, David Goodall and Anne Lind, Tom and Nancy Hackler, Randy and Kristine Imker, Shirley Johnson, William and Jody Mogren, Rhonda Nichols, 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, Mike Sommer, Bill and Christine Threinen, Kathleen Thurston, Wayne and Jeanne Tollagson, Maureen Wilkus-Kieren, James and Jennifer Wilson, Denise Zaske and Brad Zingula. Thanks, also to the many unnamed volunteers who have spent many hours during the year, which are priceless.

MEMBERSHIP

The JLWA presently has 93 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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Secretary – Virginia Anderson

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