



Photo: Tom Moser

A Message From Our President

Welcome to my favorite time of the year! Yes, summer is all but over and things seem to have quieted down around the lake. The leaves actually started turning color several weeks ago and you can feel fall in the air. It certainly has been a very wet summer and I was told that it is the 2nd wettest summer on record. Hopefully you still have some relaxing time to spend at your favorite place on the lake, however swimming may not be on the list as I noticed the lake temperature was down to 68 degrees this morning. If you haven't been over to the boat landing recently, you might want to head over there and check out our new sign and boat launch camera system – it will even talk to you while you are there.

There is still one spot left on the ladder sign at the intersection of Pioneer Road and Crystal Lake Road. If you would like to have your sign put up, give me a call and I can steer you to the person over on Junek's Point who makes these for about \$35, if I remember correctly. Also, if you are looking for a place to store your pontoon boat, or for that matter any other

boat, I can also give you information about a place in Drummond which is a nice inside storage facility with a concrete floor. I think the prices are comparable to having a boat shrink wrapped.

Hopefully you will all have time to take in *Fall Fest* in Cable which takes place on September 28 (evening food and live music) and the 29th which includes a great car show and many food and craft vendors. Once again the Lion's Club will be putting on their Vision Screening at no cost. Then not much takes place in town until the Berkie in February.

So until we meet again next summer, I wish you all a very safe and fun-filled Fall, Winter and Spring. Remember, nothing soothes a stressful spirit better than relaxing at your cabin/cottage/home on this great place we call Diamond Lake.

Cheers,
Cary (Frosty) Palmer
DL President



AIS Camera Installation with solar panel and new DL Sign at the boat launch, August 2018.

Fall Update on Our AIS Monitoring System

As most of you are probably aware, we installed the new boat launch camera system on August 16th, so it's been up and running for about a month now at the time of this writing. As Frosty described in his e-mail in August, the actual installation was preceded by several of us augering a deep hole and filling it with concrete and then embedding the base plate into that buried concrete pillar. This is a permanent anchor, with the stainless steel cylinder, mast, and solar panel that now sits on top to be removed for the winter, leaving the base plate level with the ground. It is a very solid and robust installation, and now that we have worked with it, we are pleased that we opted for the stainless steel version of the system. There is another installation like this one at the Namakagon boat launch on

County Road D, but others in the area are housed in just an aluminum cylinder.

Here's how the system works: The control unit has both a magnetic sensor and a motion sensor in the camera. The audio recordings are initiated by the mag sensor, set to trigger on larger masses of metal in close proximity. In principle at least, it should not trigger on passing cars, pedestrians or bicycles, though I have heard it a time or two when I was there without a car and a truck passed by. Once the mag sensor is triggered, there are actually 4 different short recordings, spaced 60 seconds apart, that encourage users of the boat launch to inspect their trailers and boats, not to dump water from live wells, and informing them that a video recording is being made.

The video system is triggered by motion in the portion of the frame of view at the water's edge. This is independent of the audio, so you can have your picture taken by just walking close by the pillar without a boat or car! There is no live audio recorded, so you may 'talk to the unit' as much as you wish - but no one will know! Right now the videos are saved to a memory card and I am downloading them to a laptop computer for viewing.

The system is designed to be used with a phone cell tower link or a direct link to a nearby modem, so that videos can be uploaded directly to a website where a user can review them remotely. More importantly, this link will also give more accurate information for timing the video recording, a key item if we need to refer a violation to law enforcement. For the first year of operation we decided to save a bit on the substantial cost of the installation (~ \$7800) plus the monthly charges for phone/modem service, so we don't have an uplink at present. We will evaluate the system performance and potential future

costs during the remainder of this season. Stay tuned for updates.

-Bob Jacobel



*The long days of summer, solstice sunset 2018.
- RWJ.*

Welcome to Diamond Lake

We are pleased to welcome three new members to the Diamond Lakers Association this summer: Amy and Chris Carlson and Ray and Kathleen Lorenz came to Diamond Lake as the result of recent home sales, and Jim and Bette Isaacson rebuilt and enlarged their home on the lake in 2013. Short bio sketches from each of them are just below.

Amy and Chris Carlson: We are a family of four from Duluth (plus a crazy yellow Lab named Lucie that tries to swim after us on the boat or SUP). Our kids, Lauren (14) and Erik (12), keep us busy with alpine ski racing, soccer, and football, so we wanted to find a place to get away that was close enough to still use frequently. We have always loved the Cable area, having competed in many Birkies and Chequamegons over the years. We love the beautiful forests, all the trails nearby, and the small, quiet lake. We knew that Diamond Lake would be a great fit, and so far, it has been the perfect getaway for us.

Ray and Kathleen Lorenz: Kathleen and Ray live in Drummond, WI and formerly lived in Hudson, WI before Ray retired from a career with 3M Corp early last year. Kath & Ray have 4 grown children who love the Northwoods as much as they do! We look forward to meeting more Diamond lake folks as time goes on

Jim and Bette Isaacson: Jim writes - Our property on Diamond Lake began for my family in 1972, originally purchased by my dad from his brother's estate. The original small brown cabin was built after WWII by Chief Joseph. We had enlarged the original building twice, adding indoor plumbing. In 2013, I was the general contractor, my son, Theron, was the brains, and with a work force including other family members, the present home was constructed. We enjoy the large porch and swing, the insides are airy with high ceilings. Betty and I are both retired and enjoy the property as much as possible, as does the rest of the family. We have no dogs or cats, just 2 great boys, Theron and Marcus and their families.

Membership: I am pleased to report that our membership has reached an all-time high this year with 54 cabins/ families. This is a very high percentage of what could be considered the cabins in 'active use' around the lake at the moment. According to the Bayfield County property tax records, there are 71 properties in total, a few of them without cabins and some that are occupied only infrequently, though several from both of these categories are owned by long-time members. It is also gratifying to see that even with quite a few homes on the real estate market presently, nearly all the owners are members. This speaks to the care and concern of everyone for the qualities of the lake and the environment. Thanks to **everyone** in the community for

your continued support of our organization. -BJ

Annual Meeting Well Attended

The DL Annual meeting this year was held on July 21 at the Namakagon Township Hall and attended by about three-dozen residents. With no guest speaker or formal program, there was plenty of time to socialize in good company and share a potluck meal with a delicious variety of homemade dishes.

Frosty Palmer, continuing Association President (newly reelected), received a heartfelt 'thank you' for his service to the Association that he extended to other Board Members and all members of the Association as well. The business transacted is described in the meeting minutes below.

All and all, it was a very pleasant gathering of lake residents. Everyone is encouraged to try and save the **third Saturday in July** for the annual meeting next year. Details will be confirmed in the 2019 spring newsletter.

Bylaws Addition Approved

An amendment to the bylaws to allow future changes to be made by electronic voting (in addition to the usual procedure) was approved at the annual meeting. The membership also voted to affirm changes made last fall by an e-mail vote, to open membership to anyone owning property within a mile of the lake, and raising the dues. The amended bylaws are posted on the website http://www.diamond-lakers.org/about_us.html

Just one further note about our bylaws which might be an issue in the future. At

present our association is not in compliance with Wisconsin state statutes that require lake associations to allow membership for anyone "residing" on or within a mile of the lake for more than 30 days per year (not just property owners). [Attorneys among the readership please ponder the intent/meaning of that.] This was the snag to us applying for a grant from the DNR last fall to help with our boat launch camera and monitoring. If we find that more is needed there, for example paid monitors at busy times, we may need to seek grant support to pay for that. The DNR has a category specifically designed for this purpose and some other nearby lakes (eg. Namakagon and Cable Lakes) now do this. However, no changes are being proposed at the present time.



Bald Eagle above DL, summer 2018. - Aaron Crawford, Diamond Lake Lodge

About our Eagles and Loons

Eagles did not nest on Diamond this year, though two adults frequently fished the lake from a tall pine on the north end of the lake. The large nest on the south end of the lake previously occupied for a number of years remains intact. Hopefully a pair will call it home next year.

A pair of loons were successful in hatching a single chick in Sanderson Bay this year. The female loon has a very distinct call and because of this, it is thought she



Loon pair with chick, Sanderson Bay, summer 2018. – Aaron Crawford, Diamond Lake Lodge

has returned for at least ten years to raise her family in this location. One year, two of the pairs' eggs met with tragedy. The third attempt was the charm and they hatched a chick the first part of July. The little one had to grow up quickly to migrate before the lake froze. Mission evidently accomplished.

DL Water Quality Results for 2018 Remain Impressive

Water quality (clarity, temperature, dissolved oxygen, total phosphorus, and chlorophyll) is monitored several times during the year by Association Members Ed and Monica Wallen who follow in the footsteps of the Sandersons, Jerry Robotka, and others who have preceded them.

Results (Narrative Report, Annual data, and Secci Disk plots) for 2018 and stretching back over nearly 30 years, can be found on the DNR website here: <https://dnr.wi.gov/lakes/CLMN/Station.aspx?id=043126>

4th of July Boat Parade



Winner of the award for "Most Patriotic Float" July 3rd, 2018.

We're pretty sure this pontoon boat belongs to the **Pilney family** but are stumped as to exactly who's onboard. In any case, you are the winner of the 2018 4th of July Diamond Lake boat parade award! Any family members are encouraged to contact Frosty Palmer to claim the annual trophy which will begin a rotation this year. The parade is actually held on the evening of July 3rd and this year 10 boats joined in to celebrate and share the company. Stay tuned for details on next year's parade.

Diamond Laker's 2018 Annual Meeting Minutes

21 July 2018

1. Introduction of current officers and board members.
2. Please greet our two newest neighbors: Ray and Kathleen Lorenz bought Lunde's house on Twin Pines Lane; Chris and Amy Carlson bought Tully's house on Chapinwood Dr.
3. Eight homes are currently for sale on the lake.
4. Approval of minutes from 2017: Moved by Ed Wallen, seconded by Bob Jacobel.
5. Treasurer's Report: Bob Jacobel handed out a spreadsheet and graph showing the long-term account balance and recent expenses related to the boat launch camera and the grant we received from the Grand View Township Board. We will be drawing down the account by about \$2k this year to complete the camera project, leaving a balance of about \$4k.
6. Lake Quality Report: Ed Wallen reported that all sampling measurements are continuing to align with previous values. The full report will be available on the DNR website in the fall with a link in the next newsletter.
7. Fishing and Wildlife Report: The DNR shock survey from this May estimated a Walleye density of 1.2 Walleye/acre. Diamond Lake fish species continue to be dominated by Large and Smallmouth Bass. The preliminary report is attached as an appendix to these minutes. A creel survey is again underway this year (done every three years) and results will be available in spring 2019.

There have been numerous bear sightings in various neighborhoods around the lake. The usual precautions are advised with pets, bird feeders, etc. Ann Amundson saw a mountain lion on Trail Road.

8. Old Business: Proposed by-laws changes. Bob Jacobel introduced a motion (distributed electronically in May) for an addition to the by-laws to allow changes to be made by electronic ballot. Approved unanimously. A second vote was taken to confirm a fall 2017 e-mail approval of by-laws changes to the dues amount and the definition of membership. Motion approved unanimously.
9. 2018 Fourth of July Boat Parade: Float #5 was voted the winner for most patriotic theme. We need to do some investigating to identify the participants and present the trophy which will now become rotate annually.
10. 2019 Boat Parade will be held Tuesday, July 3rd at 6 pm.
11. Boat Launch Project(s): Frosty spoke at length about the boat launch location, safety issues, signage, land ownership, possible relocation/ road realignments, and relationship to our new AIS camera installation. Much discussion ensued. There are no immediate plans for major changes. The Grand View Town Board would like to form a committee to review the launch.
12. Board Positions up for Election this year: president, secretary, 3 directors-at-large. Incumbents all indicated a willingness to continue serving. There were no new nominations from the floor. Larry Sanderson moved to re-elect the existing people, seconded by Ed Wallen and approved by all.
13. Diamond Lakers LP Co-op option for next year: 1 yr. contract for 2018-19 with Midland at \$1.29 (summer) and \$1.39 (prepay for the winter).



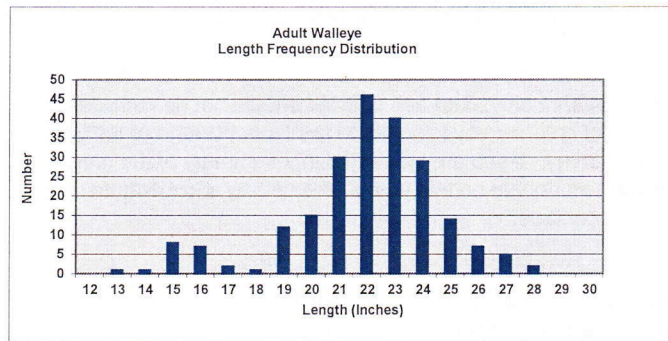
**WISCONSIN DNR
FISHERIES INFORMATION SHEET
DIAMOND LAKE, BAYFIELD COUNTY 2018**

The WDNR conducted a fisheries assessment of Diamond Lake, Bayfield County from May 8 to May 10, 2018.

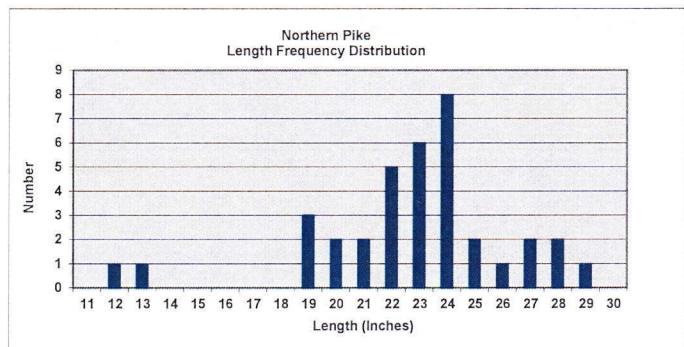
Diamond Lake is a 341 acre drainage lake and has a maximum depth of 83 feet. The fishery includes panfish, largemouth bass, smallmouth bass, northern pike and walleye. Diamond Lake was estimated to contain 410 adult walleye or 1.2 walleye per acre.



Walleye	
Total Captured	220
Avg. Length (in.)	21.9
Length Range (in.)	13-28
% >15"	99%



Northern Pike	
Total Captured	36
Avg. Length (in.)	22.8
Length Range (in.)	12-29
% >26"	17%



Other Species

Species observed during this survey but not included in the report were black crappie, bluegill, common shiner, creek chub, largemouth bass, mottled sculpin, rainbow smelt, rock bass, slimy sculpin, white sucker, and yellow perch.

We are also conducting a creel (angler harvest) survey on Diamond Lake this year. Creel clerk Chris Coffin will count and interview anglers and examine their catch throughout the fishing season.

Stocking History (Past 10 Years)

Year	Species	Number Fish Stocked	Avg Fish Length (IN)	Source
2017	Walleye	1,611	6.4	DNR
2015	Walleye	1,608	8.0	DNR
2013	Walleye	1,705	6.8	DNR
2012	Walleye	1,705	7.5	DNR
2011	Walleye	1,536	6.6	DNR
2010	Walleye	1,650	7.6	DNR
2009	Walleye	3,410	6.7	DNR

A brief summary of selected fishing regulations is included below. While the regulatory information provided was current at the time the surveys were conducted, it is not comprehensive and should not be used as a substitute for the current fishing regulation pamphlet. You may obtain a copy of current fishing regulations when you purchase your fishing license, or download a copy from our web site at: <http://dnr.wi.gov/topic/fishing/regulations/>

General Fishing Regulations for Diamond Lake, Bayfield County, 2018

FISH SPECIES	OPEN SEASON	DAILY LIMIT	MINIMUM LENGTH
Walleye	May 05-March 03	3	15" MINIMUM, 20"-24" PROTECTED, 1>24"
Largemouth Bass*	May 05-March 03	5	NO MINIMUM
Smallmouth Bass*	June 16-March 03	1	18" MINIMUM
Muskellunge	May 26-November 30	1	40" MINIMUM
Northern Pike	May 05-March 03	2	26" MINIMUM

*During harvest season for each species; you may keep any combination of five largemouth or smallmouth bass in total.

This report is interim only; data and findings should not be considered final. Results of creel surveys should be available by June of the year following the survey. If you are interested in a summary of the creel survey or want an update on this year's fyke netting and electrofishing survey results contact:

Gene Hatzenbeler, Treaty Fisheries Biologist
Wisconsin Department of Natural Resources
810 West Maple Street
Spooner WI 54801
(715) 635-4164
Email: gene.hatzenbeler@wisconsin.gov

To access other northern Wisconsin fisheries surveys go to:
<http://dnr.wi.gov/> and search Ceded Territory Fisheries Reports.

For answers to questions about fisheries management activities and plans for Diamond Lake, Bayfield County contact:

Scott Toshner, Fisheries Biologist
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