



photo by Tom Moser

### Wildlife Sightings and Stories

Earl Goeltz noticed an albino deer walking through the woods at Chapinwoods.. Tim Tully



took this picture. The previous albino from the Crystal Lake area is still on display at the new Cable Natural History Museum. This magnificent deer was shot illegally; albinos are protected.

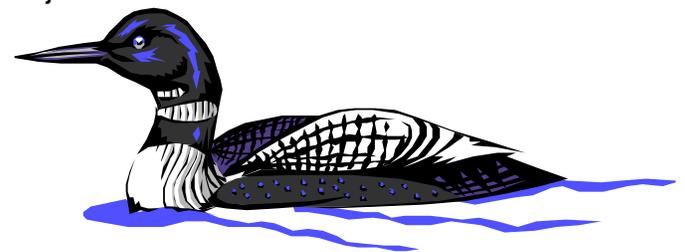
Again, this spring, Earl Goeltz reports seeing two wolves. Tim Tully forwarded the bear family portrait taken at Nordic Sleigh Antiques on County Highway M.

Loon Watch volunteers will be conducting a count of adult and chick populations on July 16. This count will help to assess the impact of last year's oil spill in the Gulf. Loons outfitted with transmitters were tracked in

previous years; 60% wintered in the Gulf. (Danielle Kaeding, Ashland Daily Press, April, 2011.)



The eagles are once again harassing the loons on the nest. The loons are incubating their third set of eggs this spring; the two previous attempts met with disaster as the eagles dive bombed the nest and even landed in the water adjacent to the nest.



If the current incubation continues, the chicks should hatch right after the July 4 holiday. Please help protect their nest site and watch for them on the lake.



The otter sits atop the melting ice just before ice-out. Thanks, Tim Tully for this glimpse!

## Diamond Lake - Deep Hole-South 2010 Results for Lake Water Quality

**Diamond Lake - Deep Hole-South** was sampled 11 different days during the 2010 season. Parameters sampled included:

- water clarity
- temperature
- dissolved oxygen
- total phosphorus
- chlorophyll

The average summer (July-Aug) secchi disk reading for Diamond Lake - Deep Hole-

South (Bayfield County, WBIC: 2897100) was 14.2 feet. The average for the Northwest Georegion was 7.4 feet. Typically the summer (July-Aug) water was reported as **CLEAR** and **BROWN**. This suggests that the Secchi depth may have been mostly impacted by tannins, stain from decaying matter. Tannins are natural and not a result of pollution. Tannins can be distinguished from suspended sediment because the water, even though it's brown, it looks clear, like tea. Though tannins are not harmful per se, they are often not perceived as aesthetically pleasing as clear water. Tannins can also be important for decreasing light penetration into the water and decreasing algal growth.

Chemistry data were also collected on Diamond Lake - Deep Hole-South. The average summer Chlorophyll was 3.4 µg/l (compared to a Northwest Georegion summer average of 19.1 µg/l). The summer Total Phosphorus average was 12.3 µg/l. Lakes that have more

than 20 µg/l and impoundments that have more than 30 µg/l of total phosphorus may experience noticeable algae blooms.



The overall Trophic State Index (based on chlorophyll) for Diamond Lake - Deep Hole-South was 44. The TSI suggests that Diamond Lake - Deep Hole-South was **mesotrophic**. Mesotrophic lakes are characterized by moderately clear water, but have a increasing chance of low dissolved oxygen in deep water during the summer.

## **New Wisconsin Boating Laws**

The Bayfield County Lakes Forum is now turning its attention to educating boaters about this and the other new laws. “The last thing we want is for folks to come to our lakes and get

cited for violating a law that they never heard about. The BCLF will work with our local lake associations, conservation clubs and governments to get the word out,” Brakken said.

The 100 foot no-wake buffer is only one of several new lake laws now in effect.

*Page 15 of the 2010 Wisconsin Boating Regulations booklet spells it out:*

**NEW IN 2010: “It is illegal to operate a motorboat at greater than slow-no-wake speed within 100 feet of the shore of all lakes.”**

**Personal Water Craft (jet ski)**

- **A PWC may not be operated between sunset and sunrise**
- **A PWC operator must always face forward**
- **A PWC may not be operated at faster than slow-no-wake speed within:**
  - 100 feet of any other vessel**
  - 100 feet of a dock, pier, raft, or restricted area on any lake**
  - 200 feet of shore on any lake**

Here’s what it means: **Effective right now, boats traveling faster than ‘no-wake’ must be at least 100 feet from shore.** The law was created to protect the littoral zone from prop wash and the stirring of sediments. It was also done to protect the thousands of plants and animals that depend on the near-shore area such as spawning fish, aquatic insects, nesting birds, amphibians, sensitive plants and other shallow water-dependent life. Safety was a big factor when Wisconsin Legislators considered this regulation. The Forum expects that, due to this new law, the incidence of near-shore boating accidents will decline significantly. Kids and Frisbee-fetching dogs will be safer because of this regulation.

Fishermen and other boaters like this rule. At the Wisconsin Conservation Congress Spring Hearings, every county approved the 100 foot no-wake buffer in a 4 to 1 vote, an unusually high percentage result.

### Does this affect every lake?

Almost all Wisconsin lakes are covered under this law including those lakes under 50 acres (with or without public access), channels and lakes that are 'thoroughfares' between other lakes. *If you are within 100 feet from shore, you need to go slow.* Rivers are not included, although boaters need to be aware that some wide areas of rivers are actually lakes and this law will apply. There are a few lakes in Wisconsin that have local ordinances requiring larger no-wake buffers. All Dane County lakes, for example, still require a 200 foot buffer.

### What about boats, docks and rafts?

This new no-wake law does not change any other law. **It is still illegal to use a PWC within 200' of shore and illegal for any boat to travel faster than no-wake speed within 100' of a pier, raft or buoyed area.** If a raft is anchored 60 feet from shore, then any fast boater is still required to stay out from shore 160 feet or more, just as before the new law.

### What about water skiers?

Again, this law does not change any other laws. Skiers who take off from a beach in a 'shallow water start' generally sit in a ready position a few feet from shore. Usually, the pilot of the boat takes out the slack from the standard 75 foot tow rope by towing the skier slowly. When the skier gives the order to go, the boat should be at or beyond the 100 foot mark. Skiers who used to take off from a raft or dock with a standard 75 foot rope were doing so illegally, according to the old boating regs booklet. This law does not make that any more or any less illegal.

### How fast and how much?

Slow-No-Wake is defined as the slowest speed a boat can travel while still maintaining steering control. The penalty for violating the 100' SNW law is \$187.90.

***A copy of the entire state list of boating regulations is available from the DL website and also at:***

[http://www.boat-ed.com/wi/handbook/pdf\\_index.htm](http://www.boat-ed.com/wi/handbook/pdf_index.htm)

### **The Diamond Lake Association Guidelines limit recreational boating activities to the hours of 10am-6 pm.**

**(Other area lakes impose more stringent regulations: Tahkodah Lake prohibits jet skis and imposes limits noise.)**

Definition: Recreational Boating: 1) water crafts towing persons on tubes, skis and similar equipment; (2) water-jet skis or other powered small personal craft and/or (3) motor-driven watercraft going up and down (or around in a circular fashion) the lake creating a significant wake. Fishing boats and pontoon craft proceeding from one place to another on the lake are not considered as being recreational. Time-of-day operating limits 10 AM to 6PM apply only to recreational water craft.

### **Take it to the Dump!**

At last, Diamond Lakers can take advantage of **Single Sort Recycling** ...that is,

\*we can place all acceptable materials into ONE container.

\* Plus, plastic recycling has expanded to include numbers 1-7.

\*Hours of operation have shifted:

**Saturday 9-3**

**Wednesday 1-7**

### **Farewells**

Seddie Cogswell died in April, 2011. Seddie helped create the Diamond Lakers Association while he lived with his family on the lake. He left behind a unique volume of photographs of his beloved Wisconsin distilled through his artistic lens.

Just down the lane from the Cogswells sits the McInerney cabin. Ed McInerney died this spring. Ed treasured his site on his point and took every opportunity to spend weekends there.

## Talk about Long Distance Commutes!

Diamond Lake boasts residents who commuted to Antarctica for work in 2011. Cary (Frosty) Palmer and Bob Jacobel can claim this long commute this year. We'll hope to persuade each of them to write articles about Antarctica for the next issue.

On Bob's return from his research season in Antarctica, he and Pam spent several months in New Zealand and in February they were in Christchurch during the Earthquake. At the Newsletter's request, Bob described the experience:

### Jacobels Dodge the Christchurch Earthquake

Bob and Pam Jacobel spent the first part of this year in New Zealand following Bob's eighth field season of research in Antarctica. Residing in Christchurch where Bob had a visiting appointment at the University of Canterbury, the Jacobel's had been in New Zealand for about a month when the quake hit on February 22.

Although the city had been experiencing modest tremors since an earlier earthquake in September, the shock in February was unanticipated and turned out to be much worse. Bob says that when the shaking began and the power went off in his office, he turned to a colleague and asked if this was just another aftershock and was told, "No this is a big one, we need to get out now." As it turned out,



damage near the university was not major and their nearby house made of wood escaped nearly untouched, though the contents of cupboards and bookcases were dumped all over the floor. But the very shallow location of the earthquake just to the

east of downtown brought devastation and death there.

Bob says the most remarkable thing was the sharp contrast between areas with complete destruction and those with only minor damage just a few kilometers away. Much of Christchurch is built on a former coastal marsh he explains, so the water table is high and as a result, liquefaction (soil turning to a slurry like mud), was widespread and many buildings in the downtown collapsed while storm sewers, cracks in roadways, building foundations, and even the base of telephone poles, gushed the wet silt.

For the Jacobels, after reuniting and finding that both were fine, the worst thing was the aftershocks that came frequently in the days and weeks that followed. Pam says, "We would run out of the house on the stronger ones, not being able to tell how big they would become or when they would end." For a break from the tension they travelled a bit more around New Zealand than they might have otherwise - not really a bad thing says Pam. The couple have lived and traveled in New Zealand twice before and have developed a fond feeling for the country, though Bob says they have a new found respect for its earthquakes and the fact that the country straddles a major tectonic fault.

For Antarctic scientists like Bob who have for years stayed in the small bed and breakfast hotels near the botanical park in downtown Christchurch, it is truly the end of an era. Some of these, now destroyed, have been serving as home to scientists in transit for more than a hundred years. While the City of Christchurch has committed to the reconstruction of many of the major landmark buildings like the Christchurch Cathedral and parts of the old University, it will be many years before the downtown recovers

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### Meeting Report: Diamond Lakers, Inc. Annual Association Meeting July 24, 2010

The Annual Meeting of the Diamond Lakers Inc. was held at the Chuck and Ellie Rath's residence on Saturday, July 24, 2010. Tim Tully, President, called the meeting to order.

## **Minutes Review**

The minutes of the July 18, 2009 annual meeting were reviewed as posted on the web site and there was a motion to approve.

## **Treasurer Report**

Treasurer Larry Sanderson reported on a balance of \$2109. There was a motion to accept the treasurer's report.

## **Diamond Lakers Inc. Web Site**

The lake association web site continues to provide a communication vehicle for the membership and Tim thanked Bob Jacobel for developing and maintaining this site. Bob reported that there had been 18,000 hits in the past year.

## **Waste Management**

Tim reviewed the issues with waste management for residents on the lake. Waste Management companies have new guidelines for the type of container and large 96-gallon containers are now being used since trucks have an automated system for picking up containers. The size of the container and the distance for the pickup location is an issue so many residents opt to leave the containers along the road. There are options for smaller containers but getting these to the pick up location is still an issue and the containers are not bear proof. The smaller containers are 66 or 36-gallon size.

## **Lake Monitoring**

Larry Sanderson reported that there is no change in the lake quality.

## **Aquatic Invasive Species**

Eurasian water milfoil continues to be of concern but there is no evidence of spread in the region. VHS has been reported in the Apostle Islands and the Duluth Harbor.

## **Northwest Lake Conference**

Larry Sanderson reported on the Northwest Lake Conference, which was held at Drummond High School since Telemark Lodge is now closed. The new law about invasive species is helping to monitor boats as they move between lakes.

## **New Lake Laws**

- 1) Wisconsin now has a law prohibits phosphates in lawn fertilizer. Since phosphates contribute to the growth of lake algae, cleaning products used in the home should also be phosphate free since the phosphate enters the septic system.
- 2) The transportation of aquatic plants and animals law can now be enforced by any law enforcement official.
- 3) The new No Wake Law is now implemented on all lakes in Wisconsin and the law prohibits

boaters from operation of their boats faster than slow, no-wake anywhere within 100 ft of shore. Personal Water Craft need a 200 foot no wake zone from shore, and 100 feet from docks and platforms. For water skiing, boats must be 100 feet from ashore before take off .and it is still illegal to take off from docks or rafts.

If there are concerns about violations, it is best to videotape the violators since the video can then be used as evidence. There was discussion about a recent non-compliant boat motor; that boat is no longer on the lake.

## **Fishing Report**

The DNR dropped the proposal to change the northern pike limit as reviewed in the Newsletter. Tom Goeltz reported that he had made this request to change the bag limit from one 32 inch to two 26 inch Northern Pike. He reported that this is still under consideration.

## **Wildlife Update**

Tim reviewed the concern related to deer ticks that transmit Lyme disease and the risk for humans and household pets. The loons on the north end of the lake have hatched a baby. There has been discussion about finding another location for nest but no decisions have been finalized. The outlook for the loons with the oil spill in the Gulf of Mexico is of concern and it is unknown how this will affect the loon population or if they will return in future years.

## **Nominations Committee Report**

Jerry Robotka presented the Nominating Committee Report and the following offices, board positions were open, and the incumbents agreed to serve another term. Scott Byrd vacated one board position.

The following officers were re-elected:

President: Tim Tully – Term 2010 – 2012

Secretary: Susan Trankel – Term 2010 – 2012

Board Members re-elected:

Jerry Robotka – Term 2010 – 2012

Bruce Pankonin – Term 2010 – 2012

Audrey Sanderson – Term 2010 – 2012

1-year term vacated by Scott Byrd, filled by:

Bob Jacobel – Term 2010 – 2011

## **Location of 2011 Annual Meeting**

Tim Tully reviewed options for locations of the annual meeting in 2009. The Volickys volunteered their home for the meeting in 2011.

Respectfully Submitted,  
Susan Trankel, Secretary

**Dear Diamond Lakers,**

The Diamond Lakers 2011 annual meeting will be at **3:00 p.m. on Saturday, July 23** at the home of Marie and Larry Vorlicky. **47660 N. Diamond Lake Drive. Please bring a folding or lawn chair.**

The presentation topic this year will be "Hot Spots to Find Birds" by Ryan Brady. Ryan will continue the birding presentation he started last summer.

The business meeting to follow will address the following topics: election of officers and board members, fishing report, loon report and volunteers to host the 2012 annual meeting, updates in Wisconsin Law.

I look forward to seeing you all in July.

Sincerely,  
Tim Tully, President

**Reservation Form: PLEASE RESPOND BY JULY 9th.**

[  ] We will be attending the annual meeting and here is my check for **\$20.00 for 2011 dues**. Please note, currently Paid Membership determines the eligibility to cast a vote and it is one vote per property.

[  ] We would like to stay for the social hour and here is **\$ 15 per person** for hors d'oeuvres and beverages

Number of Adults Attending: \_\_\_\_\_

Number of Children Attending \_\_\_\_\_ (Children under the **age of 10** – No Charge)

[  ] We cannot attend the 2011 annual meeting but here is my check for \$20.00 for the annual along with the option of a proxy vote: ***PROXY VOTE: Section 3 of the Bylaws: Members entitled to vote but unable to attend the annual meeting may vote by proxy. The proxy must be given in writing to any other voting member in advance of the Annual Meeting.***

I, \_\_\_\_\_ will not be attending the 2011 annual Meeting of the Diamond Lakers and hereby authorize \_\_\_\_\_ to cast my vote on business that may be brought up during the 2011 Annual Meeting

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Member Name(s): \_\_\_\_\_

**Email address:** \_\_\_\_\_

Annual Dues: Total= \$20.00  
Social Hour \$15 x \_\_\_\_\_ = \$ \_\_\_\_\_  
Grand Total \$ \_\_\_\_\_

**Please Mail by July 15th to:**  
**Diamond Lakers – c/o Larry Sanderson**  
**20205 N. Diamond Lake Dr. Cable WI 54821**