

Articles from the Pelican Lake Property
Owners Association Winter Newsletter
regarding AIS related topics

MINUTES OF THE JULY 21, 2012 ANNUAL MEETING
SUBMITTED BY BOB MOTT

90 people present

Minutes of the April 14, 2012 Spring PLPOA meeting read by Secretary, Bob Mott and approved.

Joe Altschaeffl – Treasurer- presented the treasurer's report which was approved. Noted that there are currently 268 paid members a total which is down some.

Lake Study Update- Bob Mott

It is in the second year of the study, the final report will be given this fall with recommendations to maintain and/or improve Pelican Lake. It was noted that when this study began there was no point in doing the study unless the recommendations be seriously considered. Remember that the study cost around \$ 33,000 with 75% funded by a grant from the state of Wisconsin and 25% funded by the PLPOA

Eurasian Water Milfoil Update- Bob Mott

Due to the early spring there was a hectic effort to get a company to treat the EWM which was discovered in 2011 by Onterra. Treatment is best done before water temperatures reach 65 degrees. Stantec of Stevens Point was selected as the treatment company after looking at bids. Their company offered 3 ppm treatment at a price that was less than the other company for a 2.7 ppm application. It was determined that a 3 ppm treatment of 2,4 D (Sculpin-G) be applied.

Property owners within 200 feet of either side of treatment were notified by letter and a notice was published in the Rhinelander paper. Town of Enterprise officials objected to not being notified of treatment and said there was a town ordinance which did not allow chemical treatment. Stantec officials noted that state law allows treatment in lake and river waters over any objections by towns. Treatment was done May 16th.

In June I searched the area and no sign of EWM was seen in the two treatment sites north and south of Keelers Landing.

Landing Monitoring Report- Jean Roach

Things have gone well this summer with experienced landing workers continuing to do a great job. They take some heat for enforcing the law. Also many compliments and thanks for attempting to keep the lake clean. Lucy Nelson continued her important work with the campgrounds and resorts. Lynn Anderson worked with scheduling workers this summer. Thanks to both these ladies.

DNR Report- Larry Hahn

Dead Loon report from last year died of a lung infection possibly caused by wet grain, not lead poisoning

Spearing- Natives were allowed 1187 walleyes this year. There were 812 speared with an average of 16 inches. Two muskies were taken.

Creel Survey-

Last one done in 1991-92. In 11 months 3915 walleyes taken with 4.3 hours of fishing to catch legal walleye.

217 muskies – 116 hours per fish

40,141 perch – 8.9 inch average

COUNTY RECOGNIZES PELICAN LAKE AIS EFFORTS

BY LUCY NELSON

The Oneida County Land and Water Dept. and UW-Extension recognized eight individuals and two lake associations for their activities in protecting Oneida County's lakes and rivers from aquatic invasive species (AIS) and for outstanding lake stewardship.

Among the individuals that received AIS prevention and outstanding lake stewardship was Mr. Bob Mott, Pelican Lake, pictured right.



Again, Thank You to the Resorts, Campgrounds, and Hotel, for their on-going help in educating their customers about AIS.

Also, a gracious Thank You to the volunteers who covered the lunch hours, fishing tournament, and extra hours needed at the boat landings. The discovery of EWM in Musky Bay, makes it more important to educate the public regarding AIS.

PELICAN LAKE WOMEN'S CIVIC CLUB

BY LUCY NELSON, FUNDRAISER CHAIRPERSON

The Pelican Lake Women's Civic Club held their 12th Memorial Weekend Fundraiser on Sunday, May 27, 2012. We want to THANK All of YOU who helped make this fundraiser another triumph. Our Beer stand, whole home made pies, and crafters also helped make this event another success. WE hope you PLAN to JOIN us next year, **Sunday, May 26, 2013**, for our **MEMORIAL WEEKEND FUNDRAISER**.

This year, we gave a \$750 scholarship to Miss Kaitlyn Diane Champion at the Elcho School Scholarship Program in May. We also extended our \$2,000 scholarship to Miss Danielle Christian. This is a wonderful honor our club is able to bestow to the qualified students. Our club supports the civic needs of the community.

The annual Fall Style Show and Luncheon was held October 11th at Holiday Acres in Rhinelander. The diversity of club members and assortment of ensembles makes this an interesting and fun experience. Some of our models are pictured below. Food, door prizes, and our "Silent Auction," compliment this event. Since we didn't have our usual raffle this year, we decided to raffle off 3 items donated to us for the Style Show. The winners were: Packer Football--Lucy Nelson, Rainbow Wall hanging--Rosie Williamson, Wooden Deer Head coat hanger, Donna Guldán.



Lucy Nelson was thrilled to win the Packer items on the raffle.



Full and part-time residents in Enterprise and Schoepke townships are welcome to join the Pelican Lake Women's Civic Club. Our meetings are held the first Thursday of each month. Please contact President Mary Martin 715-487-5417 or Treasure Marsha Pahl -715-487-5990 and join in the fun !!!

PELICAN LAKE MANAGEMENT PLANNING MEETING #1
BY BOB MOTT

Held Friday, November 9, 2012

9:30- 1:00

Planning Committee Members-

Bob Mott, John Roberts, Judy Mott, Sonja Roberts, Ed Erickson, Jean Roach, Linda Erickson and Dan Miller
Michele Sauduskus – Oneida County AIS Coordinator and Kevin Gauthier– WDNR Lakes Coordinator attended.

Presenter – Eddie Heath- Onterra

Management Study Plan and Goals

- A. Collect and Analyze Data
- B. Construct Long-term and Useable Plan
 - a. Each area needs Facilitator to direct plan for that area and Time frame during which action needs to be completed.
 - b. Plan elements must be reasonable and achievable

Overview of Study

1. **Lake Type**- Lowland Shallow Drainage Lake
2. **Tropic State** - (Lake Age- from Oligotrophic –[young] to Eutrophic [aged] Pelican is Mesotrophic bordering on Eutrophic
3. **Water Quality** (Determined through testing and excellent long term data starting in 1973. Quarterly samples are taken on Pelican by the DNR as it is a lake used in baseline studies. Volunteers in the Lake Monitoring Network take samples throughout the open water season of water clarity and chemical composition.)
 - a. Clarity- determined by secchi disc readings – excellent
 - b. Phosphorous- (limiting plant nutrient) excellent ratio of nitrogen to phosphorous. Exactly correct amount for a lake like Pelican
 - c. Chlorophyll-a – (Algae abundance) Low to moderate
 - d. Alkalinity- PH 7.0 Not susceptible to acid rain due to calcium content (41.9 mg/l)
 - e. Dissolved oxygen – Excellent year around. Shallow lake cause good oxygen mixing with winds.
4. **Watershed**
 - a. Defined as area where a raindrop will drain when it falls
 - b. 14,000 acres (not large by standards) 4 x the surface area of Pelican Lake

PELICAN LAKE MANAGEMENT PLANNING MEETING #1
BY BOB MOTT **CON'T**

- d. Watershed modeling indicates that 2100 pounds of phosphorous enter Pelican Lake yearly, just over half arriving from the land that drains to the lake and the remainder coming from atmospheric deposition directly into Pelican Lake from precipitation. This modeling suggests that septic systems are not a major source of nutrients into Pelican Lake.

5. Shoreland Assessment

- a. Importance of 1. Buffers Runoff and 2. Provides habitat
 b. All shoreline reviewed – ranges from Urbanized to Natural

6. Aquatic Plants

Concerned with both native and non-native plants. Multiple surveys were done. Areas surveyed – 46% Sand 21% Rock 33% Muck measured to 15 feet.

50 Native plant varieties- large number compared to similar lakes

2 Non-native were found: Eurasian Water Milfoil (EWM) and Pink Water lily- illegally planted

Plants show moderate disturbance- may be wind caused or due to urbanized shoreline conditions.

Variety of natives may keep EWM from getting a foothold – good balance

EWM

Discovered by Onterra in June 2011. Fourteen acres chemically treated with 3ppm herbicide (a moderate level) in May 2012. Area treated in Musky Bay where two (2) main colonies along with scattered weeds were found. Two (2) individual EWM plants found in North Bay were hand pulled by Onterra. Treatment appears to have been quite successful. Another check will be done in Spring 2013 to determine next step

Possible steps: If colonies have reappeared then another chemical treatment will be done or If colonies are gone, then hand pulling of individual weeds will be done by AIS Coordinator and staff. Pelican Lake volunteers with boats and Snorkelers needed- trained in proper procedure.

Onterra will submit grant application for treatment

Kevin said that DNR would look favorably on this grant due to proactive approach shown by the Pelican Lake Property Owners Association and towns in their approach in landing monitoring, lake treatment and lake study undertaken. The money granted will be applied to either type of control activity (i.e. herbicide treatment or hand removal efforts) decided by the spring weed survey.

7. Fish (Not a major part of study)

Open water fishing shown by survey to be very important to stakeholders. Walleye numbers shown by ongoing sampling to be stable . Spearing targets male walleye.

PELICAN LAKE MANAGEMENT PLANNING MEETING #1

BY BOB MOTT CON'T

Summary

Good to Excellent Water Quality
 Healthy Watershed
 Aquatic Plant Community- High quality and varied in makeup
 Phragmites (native) on Sabinois Point and the west shore need to be monitored for spread

Eddie concluded the meeting by allowing the committee to brainstorm areas to address in the Long Term Plan.

He will summarize these for Planning Meeting 2

Kevin added these areas that he would like to see addressed

- Active steps to address Shoreline Urbanization
- Maintain and preserve natural areas
- Continue secchi and chemical monitoring

Other comments from the committee

1. Fair Share Program

- Set an expected amount of volunteer time for PLPOA members

- Set a dollar value for each hour so that those who can't donate the time can donate \$ to make up for that time.

2. Committees

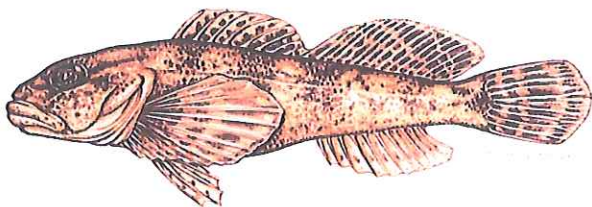
- Set up a committee for each of the action areas eventually decided with a person in charge.

Discussion on benefit of EWM

- Some have said- even professionals- that EWM can help a fishery by providing cover for fish.

Pointed out that EWM can change a fishery. Tribal and DNR are fighting to reestablish walleye fishery on Metonga after large increase of EWM. Metonga has seen a large increase in bullhead numbers and appears to be changing to a bullhead, perch, and bass fishery due to EWM.

Next Meeting: Monday, January 7, 10 am Bob's house.



MOTTLED SCULPINS
 FISH ID BY LORI REGNI

I was encouraged to read the good responses to the lake survey. Among the interesting portions to me with my AIS background was the question of what invasives you know are in the lake. A few stated that there were Gobis in Pelican Lake. To set the record straight there are NO Gobis in the lake but there is a small fish that causes some confusion in ID.

The mottled sculpin, *Cottus bairdii*, exists in some numbers and is seen especially during ice-fishing. They look "pre-historic" as Gobis do. When we had a AIS booth during ice-fishing tournaments we would educate folks on the differences between the two and encourage throwing the little guys back in the lake. It is a positive to see the sculpins as they can be good water quality indicators.

2012 Summary Statistics from Pelican Lake Landing Data



Pelican Lake -- Access at Near Cth G

Location: **Statewide**

- [Watercraft Inspection Efforts](#)
- [Boater Statistics](#)
- [Boater Travel](#)
- [Projects](#)
- [Download](#)

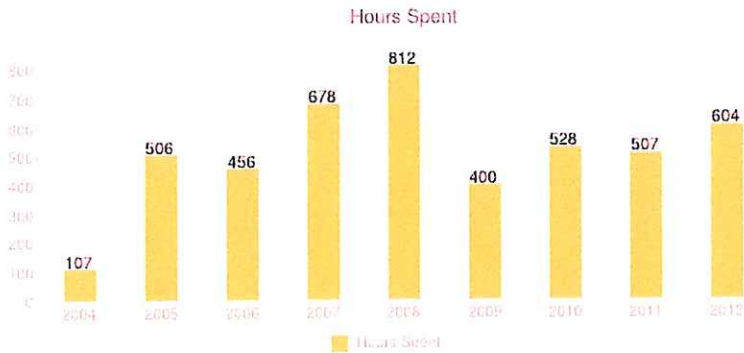
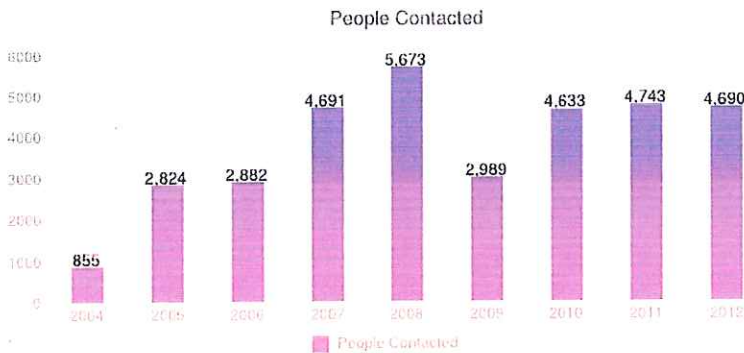
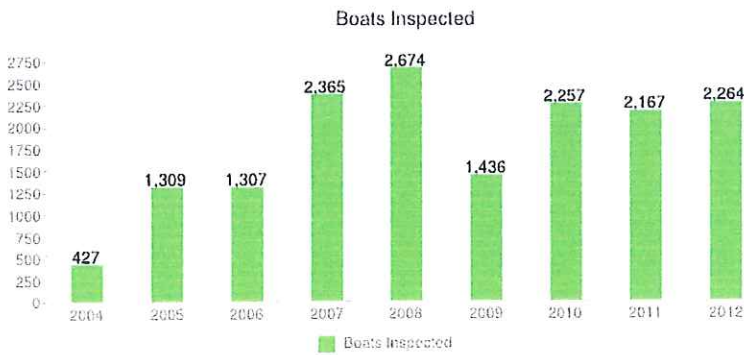
Aquatic Invasive Species

Contact information

For information on Lakes in Wisconsin, contact:

[Wisconsin DNR Lakes](#),
Division of Water
Bureau of Watershed
Management

[Clean Boats, Clean Waters](#)
[Contacts](#)



Pelican Lake has the following aquatic invasive species:



Pelican Lake -- Keelers Landing - Cth Q

Location:

- [Watercraft Inspection Efforts](#)
- [Boater Statistics](#)
- [Boater Travel](#)
- [Projects](#)
- [Download](#)

Aquatic Invasive Species

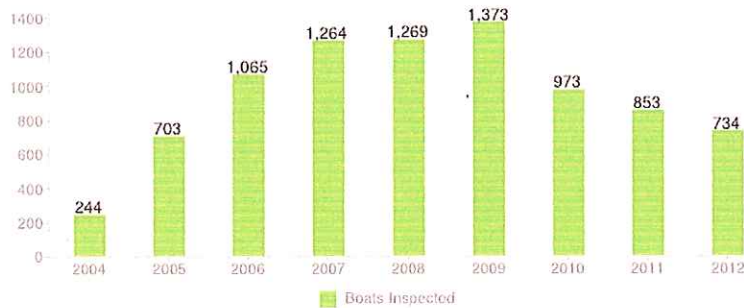
Contact information

For information on Lakes in Wisconsin, contact:

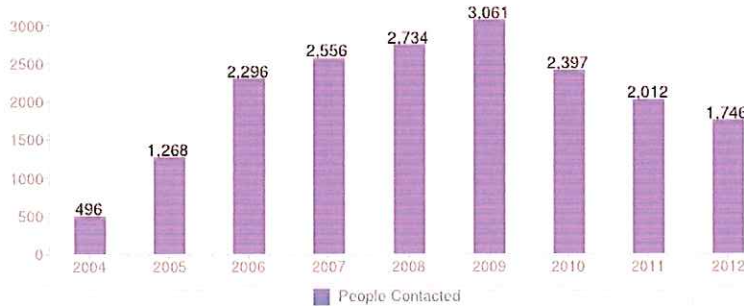
[Wisconsin DNR Lakes](#)
 Division of Water
 Bureau of Watershed Management

[Clean Boats, Clean Waters](#)
[Contacts](#)

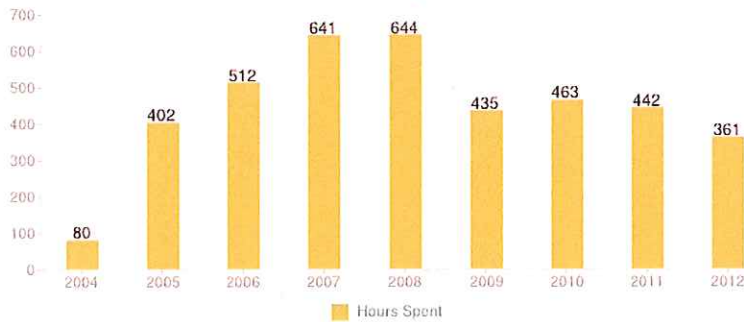
Boats Inspected



People Contacted



Hours Spent



Pelican Lake has the following aquatic invasive species:
 Banded Mystery Snail, Chinese Mystery Snail, Curly-Leaf Pondweed, Eurasian Water-Milfoil, Purple Loosestrife, Rusty Crayfish

Last Revised: Friday, June 29, 2012