

# The AIS Team – Out In the Field Lake Monitoring

## AIS Identification, Mapping, and Water Quality Monitoring

Our field work took us to 15 lakes to conduct AIS presence/absence checks and obtain baseline water quality data. So why is this important? Because early detection and response is critical to stop the ecological, recreational, and economic impact created by a newly discovered AIS. Furthermore, obtaining dissolved oxygen levels and secchi disk readings from the deep holes, provides baseline data about the water quality and health of each lake. GPS technology is used to map and record our monitoring results and locations.

### Lakes Monitored:

Buffalo	Indian	Sunday
Burrows	Long	Swamsauger
Hasbrook	McNaughton	Sweeney
Hemlock	Muskellunge	Two Sisters
Hodstradt	Sand	Wind Pudding

### Additionally, we monitored the following 12 boat landings for AIS:

Buckskin	Thompson	Stella
Crescent	Madeline	Sand
Minocqua/Stacks	Muskellunge	Squirrel
Nokomis	N. Nokomis	Two Sisters

## Citizens on the Lookout

8 concerned citizens reported possible sightings of AIS. The AIS team visited each site to ID and map the specimens. Michele provided followed-up with the individual and discussed management options.

### Yellow Flag Iris

- Lake Kathan: A positive confirmation was made.
- Lake Minocqua: A positive confirmation was made.

### Purple Loosestrife:

- Hwy 45 between Monico and Three Lakes: AIS team identified and mapped several locations.
- Bait shop in Minocqua: AIS Team identified the plants as Fire Weed.
- Minocqua's Downtown Area: AIS Team identified the plants as Fire Weed.

### Phragmites:

- Several locations along Hwy G, between Rhinelander and Pelican Lake and Hwy Q by Pelican Lake: None was found.
- Katherine Lake: None was found.

### Eurasian Water Milfoil (EWM):



# The AIS Team – Out In the Field

## Managing Wetland Plants

The AIS managed Purple Loosestrife and Yellow Flag Iris throughout the county. Activities include:

- Identification, mapping, and reporting of both invasives
- Made site visits to confirm citizens reports of the AIS
- At the request of the DNR, the Team obtained GPS coordinates and entire plant specimens of Purple Loosestrife from Little Carr, McNaughton, and Mercer Lake.
- Assisted the WDNR with Yellow Iris removal along the shoreline of Boom Lake.
- Managed both plants by clipping flowers, digging up entire plants, and biological control.

## Volunteers Help Rear Happy Beetles

To a native *Galerucella* beetle, the Purple Loosestrife plant is its grocery store, restaurant, and edible home. In fact, this tiny beetle spends its entire life cycle living on and munching down the pretty invasive plants, resulting in stunted flowers and overall growth. Hence the reason why the AIS team is part of a statewide *Galerucella* beetle release project to manage Purple Loosestrife colonies.

Rearing beetles is a fun project with big rewards. In the early spring, the Team dug up and potted Purple Loosestrife plants. Next, they collected the beetle larvae and placed them on the potted plants. The potted plants were then delivered to volunteers for beetle rearing. In midsummer, the Team collected the potted plants, now infested with fat happy little beetles, and distributed them to established Purple Loosestrife colonies throughout the county. From there, the beetles spread out to established plants, where they continue doing what they do best, eat and reproduce.

Thank you to all volunteers who participated in our beetle release bio control project. You have made a difference!

**If you are interested in helping to control Yellow Flag Iris and/or Purple Loosestrife, please contact the OCLWCD at 715-369-7835.**

## Managing Yellow Flag Iris and Purple Loosestrife



# Student Outreach Programs - Inspiring Young Minds

Each year, we strive to involve 3rd - 8th grade students in our AIS awareness programs. Students learn about AIS and how to stop the aquatic hitchhikers. Additionally, they play AIS games, make AIS posters, and learn how to use AIS monitoring tools. What student doesn't enjoy a chance to hold AIS specimen samples from our See-and-Touch table? During 2014, we hosted **10** events, reaching **649** students. Here are some highlights!



**Eco Trek:** Alyssa and Steph provided AIS education to nearly **70** seventh graders from the Minocqua School District, during Eco-Trek, an environmental awareness day, held at Kemp Station.



**AIS Awareness Day:** Alyssa, Sara, and Steph spent a morning educating **50** third graders from Pelican School about AIS. The students loved handling the AIS samples and playing AIS games. This event was held at the Ced Vig Outdoor Classroom (CAVOC).



**Worm Watch Program:** **25** fourth graders from Central Intermediate School had an absolute blast learning about invasive worms. The students helped identify and inventory the worms at the Germain Hemlocks State Natural Area and the Lake Tomahawk Boat Landing.

# Student Outreach Programs - Inspiring Young Minds

**Central Intermediate School's AIS Awareness Day:** The AIS Team and Dave Walz (WDNR Conservation Warden) teamed up to teach **25** students from Mrs. Werner's fourth grade class about AIS. Students had a blast rotating through three AIS educational stations at Hodag Park's Boom Lake Landing. Here are the highlights from the day.

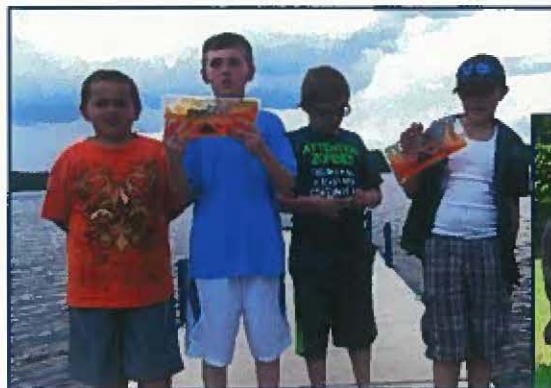
Michele's station was a ton of fun as she took kids on a pontoon ride and taught them how to perform secchi disc readings, dissolved oxygen meter readings, rake tosses, and aquatic plant identification.



Steph and Dave Walz's station was awesome! The students received an in-depth AIS education, enjoyed handling the AIS specimens, and even had a chance to perform real boat inspections as boater's were launching or leaving the landing (with boater's permission, of course). To top it off, students learned boating safety while sitting in a WDNR patrol boat — how cool is that!



At Alyssa and Sara's station, the students broke into smaller groups and let their knowledge of AIS shine as each group created an AIS Awareness Poster. When their creations were completed, Sara and Alyssa filmed each group as they described, in detail, their AIS posters. A total of 9 videos were filmed and then posted to Oneida County's AIS Facebook page as AIS Public Service Announcements.



## 2014 Awards Banquet

**58** people attended the annual banquet, held at Holiday Acres Resort on Lake Thompson. This banquet gives the AIS Team an opportunity to recognize and celebrate the many local lake groups, CBCW and CLMN volunteers, and partners for their stewardship efforts to stop the introduction and spread of AIS and helping protect our beautiful waterbodies. This years banquet included raffle prizes and featured two special keynote speakers: Lisie Kitchel, Conservation Biologist working with the Mussel Monitoring Program of Wisconsin and Tracy Hames, Executive Director, Wisconsin Wetlands Association.



### Oneida County Land & Water Conservation Department Aquatic Invasive Species Program

**WORKING TOGETHER TO PROTECT OUR WATERBODIES**

Michele Sadauskas, AIS Coordinator  
Oneida County Land & Water Conservation Department

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Phone: (715) 369-7835  
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Visit us at:  
[www.oneidacountyais.com](http://www.oneidacountyais.com) (Oneida Co. AIS)  
[www.oclw.org](http://www.oclw.org) (Oneida Co. Land & Water Conservation)  
Facebook: Oneida County AIS



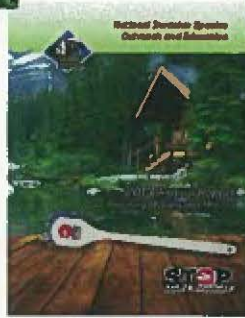
## Synopsis of 2014 Activities

1. **CLEAN BOATS, CLEAN WATERS**
  - Hours spent: 642.25
  - Boats inspected: 2,098
  - People contacted: 5,027
  - Lakes visited: 26
  - Boat landings visited: 29
2. **FIELD WORK: AIS IDENTIFICATION, MAPPING, REPORTING, AND MONITORING.**
  - AIS early detection and baseline water quality monitoring: 15 Lakes Monitored
  - AIS early detection monitoring landings only: 12 Boat Landings Monitored
  - AIS early detection site visits to confirm AIS sightings: 8 site visits, 8 contacts
  - AIS identification, early detection, field training and site monitoring: 3 events, 37 participants
  - AIS site monitoring event Bridge Snapshot Day: 3 locations, 15 participants
  - Purple Loosestrife project
  - Yellow Flag Iris project
3. **WORKSHOPS**
  - Clean Boats, Clean Waters Formal workshops: 3 events, 75 participants
  - Clean Boats, Clean Waters Informal workshops: 6 events, 23 participants
4. **MEETINGS AND PRESENTATIONS**
  - AIS Presentations: 7 events, 610 participants
5. **STUDENT EVENTS**
  - AIS education to students grades 3<sup>rd</sup>-8<sup>th</sup> grade: 10 events, 649 participants
6. **PROVIDED TECHNICAL ASSISTANCE**
  - Assisting individuals, lake associations with various outreach: 25 contacts
7. **MISCELLANEOUS EVENTS**
  - Provided AIS education: 10 events, 1275 contacts
8. **OUTREACH: MEDIA COMMUNICATIONS**
  - Other means of reaching the public: 421,865 possible reaches
    - Email List Serve: 271 people
    - Oneida County AIS Facebook Page: 94 likes
    - Readership - 3 published articles: 12,500 per issue.
    - Viewership - 24 TV appearances: 11,000 viewers per broadcast.
    - Listeners - 6 radio broadcast: 20,000 listeners/70 mile radius.
    - Filming of a Public TV documentary: To air in U.S. and Canada
9. **OUTREACH: DEVELOPMENT AND DISTRIBUTION OF EDUCATIONAL MATERIALS**
  - Designed and distributed AIS educational tools
10. **AIS TEAM OBTAINED CONTINUING EDUCATION**
  - Attended 4 educational classes

**Monitored 33 lakes**

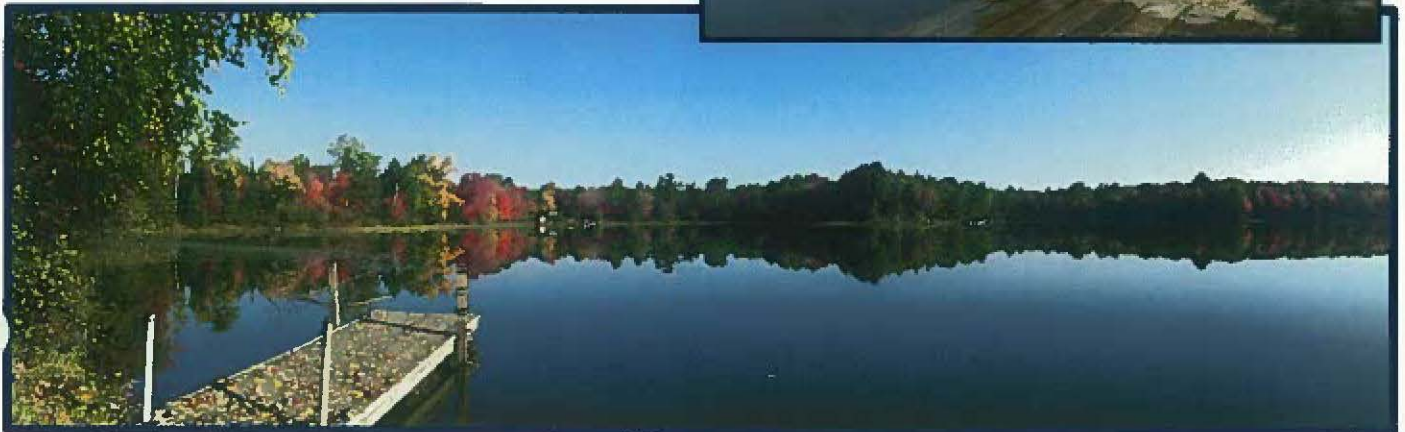
**Attended 40 events**

**Reached 7,746 people plus 421,865 possibly reached totals 429,611 people**





**STOP**



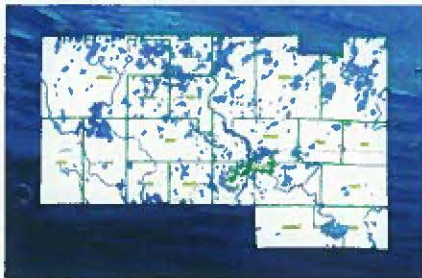




**AIS  
Quality**



**Identification, Mapping, and Water  
Monitoring**



**STOP**  **P**



**3B. Explore avenues and possible partnerships to initiate the Oneida County AIS Strategic Plan. (\$0.00)**

LWCD continues work on obtaining new partners and updating a partner list. The AIS 'Lakes List' has grown to over 270 contacts, regional and school partners continue to grow (the AIS poster contest is now active in *twelve* counties across Northern Wisconsin), and nearby county relationships continue to expand by working with local CISMA's (Cooperative Invasive Management Areas; notably Northwood's Area Co-op and Timberland Invasive Partnership).

Additionally, LWCD continues to work with state-wide partners (WDNR, River Alliance) on a number of projects, notably the 'Draining Campaign', '4<sup>th</sup> of July Landing Blitz', 'Bridge Snapshot Day' and a 'CBCW Boater Behavior Project'. All of these partners increase the success of keeping AIS out of Oneida County and/or reducing the spread of AIS within Oneida County's borders.

No grant funding was needed for this activity.

**3C. Continue to write AIS updates and distribute them via the 'lakes contact list'. (\$0.00)**

One of the most effective ways to keep partners abreast of the Oneida County AIS Program was through the AIS 'Lakes List'. AIS updates were electronically sent to over 270 partners on a monthly basis (some months saw multiple updates). This form of communication was frequently commented on at lake association meetings, workshops, and outreach events. It has served as a wonderful tool to keep partners in the loop and acts as a repository of information for all citizens. Updates were often posted to the Oneida County AIS webpage and/or Facebook page. Copies of updates have been included.

No expenses were incurred.

Good afternoon all-

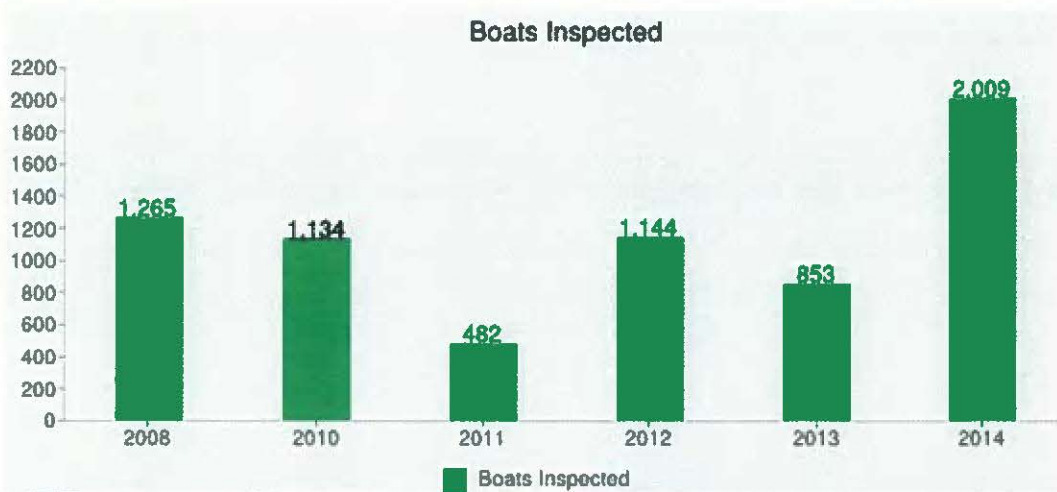
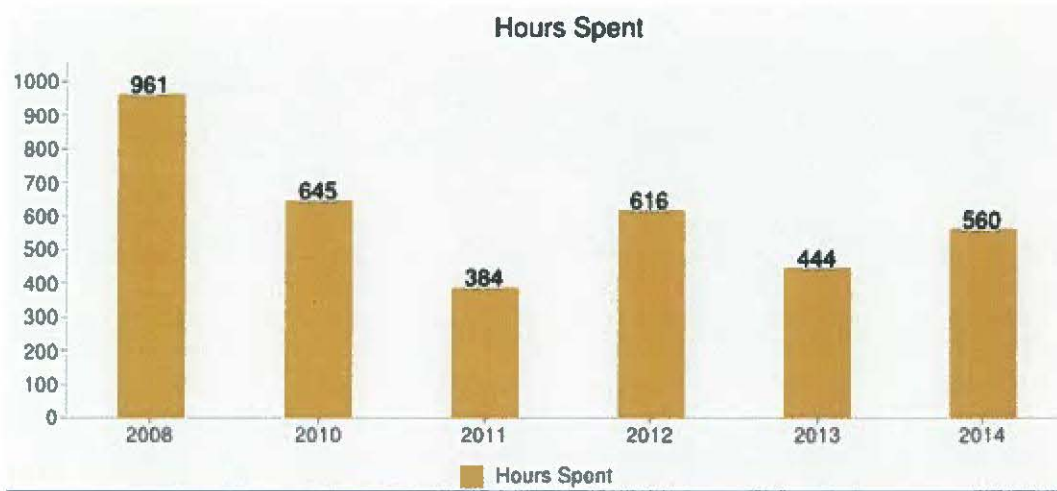
I hope everyone is enjoying the cool, brisk weather we are having! In honor of yesterday's rainy day, I thought I would start this update with a picture from my recent trip to Maine.

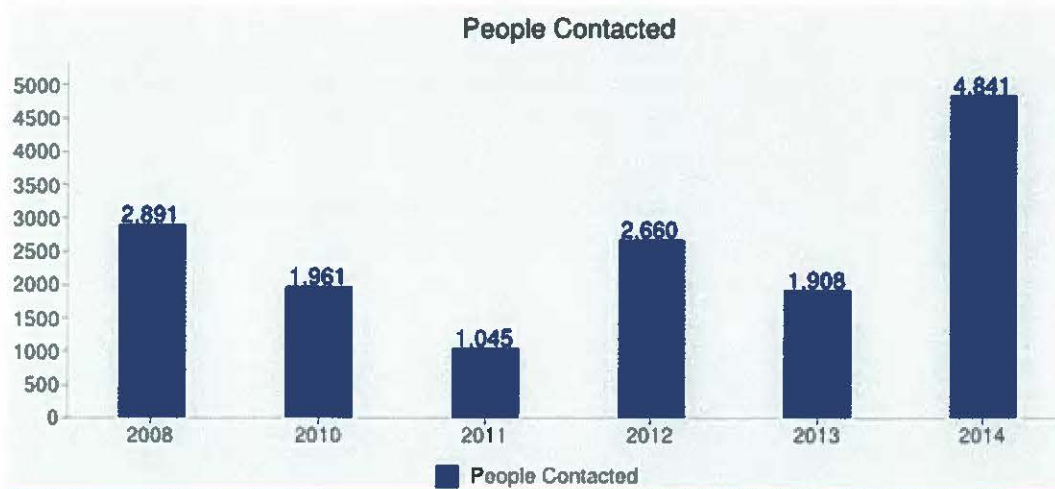


Picture taken from the public boat ramp, Lubec Narrows, Lubec, Maine.

I last visited Maine in 2010, one year prior to becoming the AIS Coordinator for Oneida County. On my visit this past August, it was hard to not look at the landscape as an Invasive Species Coordinator. On the Maine Coast, Purple Loosestrife and Japanese Knotweed rule supreme. At times it is disconcerting to see purple stands peppering some of our Oneida County roadways, but I only have to think of my visit to Maine to realize how very lucky we have it here in Oneida County. Maine's Purple Loosestrife towers 6 to 7 feet tall, blankets the roadway ditches for miles, and caused anxiety in the pit of my stomach. Moral of the story? We are in a great position to stop the spread of aquatic *and* terrestrial invasives in our Northwoods! For each and every one of us that talks to a boater at a landing, monitors for AIS in their lake, stops by my office with an unidentified plant, or hand-pulls that terrestrial invasive off their property, it means that we have a fighting chance to stop the spread! It's too late for many parts of Maine, but it's not too late for us!

**Clean Boats Clean Waters data.** Since the CBCW season is coming to a close, I wanted to share a few details on what our team accomplished this past season. Just remember your Oneida County team is not quite finished with boat inspections this fall, and we hope to add onto these stats! Congratulations Stephanie, Sara, and Alyssa! ☺





Please visit this page to check out data on *all* watercraft inspection projects happening in Oneida County: <http://dnr.wi.gov/lakes/invasives/WatercraftSummary.aspx?show=projects&location=44>

**Odds & Ends.** A new control for Zebra Mussels has made its debut in Shorewood Lake, Minnesota! *Zequanox*, a biological control made from dead bacteria, was applied to roughly 3000 square feet of Shorewood Lake. To find out more about this ground-breaking treatment, follow this link: <http://www.startribune.com/local/west/274420131.html>

Rhinelanders' School District Community Education program, has announced their Fall 2014 Community Classes. Included in the mix this fall is a night photography class. Why do I mention this?? Well, your Oneida County AIS Coordinator has decided to share a few night photography tips with Rhinelanders area residents and visitors! Just remember, I receive no extra benefits from making this announcement, except for seeing familiar smiling faces! Find out more here: <http://www.rhinelanders.k12.wi.us/community/communityeducation.cfm>

2014 Upper Midwest Invasive Species Conference is coming soon! This year it will be held in Duluth, MN and will run from October 20 through October 22. Information on "all invasive aquatic and terrestrial plant, animal, insect, and pathogen species" will be shared! Oneida County Land & Water Conservation will be presenting "Icing AIS in Oneida County". Please join scientists, resource managers, volunteers, and students at this great conference. Find out more here: <http://www.umisc2014.org/>

**Oneida County AIS Facebook and website.** Don't forget to visit [www.oneidacountyais.com](http://www.oneidacountyais.com) and <https://www.facebook.com/oneidacountyais?ref=hl>. These sites have seen recent updates!

**Lake Monitoring Reports.** I have included monitoring reports on the following lakes: McNaughton and Buffalo. Short reports have also been included from WDNR monitoring on Oneida County lakes.

## McNaughton Lake Monitoring Report of August 14, 2014

Waterbody ID 1587600

Completed by Stephanie Boismenu

Sara and I monitored McNaughton Lake on August 14, 2014. This is a beautiful crystal clear, 121 acre lake, located in the Town of Lake Tomahawk. It's a spring-fed, groundwater drainage lake with a means depth of 4 feet and a maximum depth of 8 feet. There is one public boat landing and the lakes undeveloped shoreline is protected by the Northern Highland American Legion State Forest. The WNDR lists McNaughton Lake's trophic state index as Mesotrophic. Mesotrophic lakes are commonly clear water waterbodies with a variety of submerged aquatic plants and support a wide variety of fish. They have intermediate level of nutrients and productivity, more than the oligotrophic lakes, but not nearly as much as eutrophic lakes.

We had a perfect morning to monitor the lake via the canoe – cool, blue sky, and a slight breeze. Using the depth finder and bathymetric map (*Figure 1*), I navigated the canoe to our monitoring location, which is located at the deep hole on the north end of the lake (*Figure 2*). There is an interesting "dead head" located directly at the deep hole. To prevent the canoe from moving while obtaining monitoring data, I pointed the bow of the canoe downwind and had Sara drop the anchor from the bow. I was in the stern, which I was able to keep unwind by hanging on to the deadhead while Sara obtained a GPS point of our location and then collect Secchi, dissolved oxygen, and temperature readings (*Table 1*).

After data collection, we paddled to three locations on the lake to perform an AIS presence/absence check). The protocol for this process is to complete a visual inspection of the littoral zone along 100' of shoreline in each area. We choose to monitor the boat landing, and then two areas south of the boat landing (*Figure 3*). We visually inspected from the canoe, meandering the shoreline and via walking along the shoreline - as far out as comfortable, using an aqua scope, looking through vegetation, and checking around and under solid surfaces.

### **FINDINGS:**

#### Secchi:

McNaughton Lake is so incredibly clear that we could see the Secchi disk as it hit the bottom of the deep hole, which was at 8 feet.

#### Dissolved Oxygen:

In discussing the dissolved oxygen levels and temperature results with Michele, we determined that they were appropriate for this spring-fed, groundwater drainage lake. See table 1 for dissolved oxygen and temperature readings.

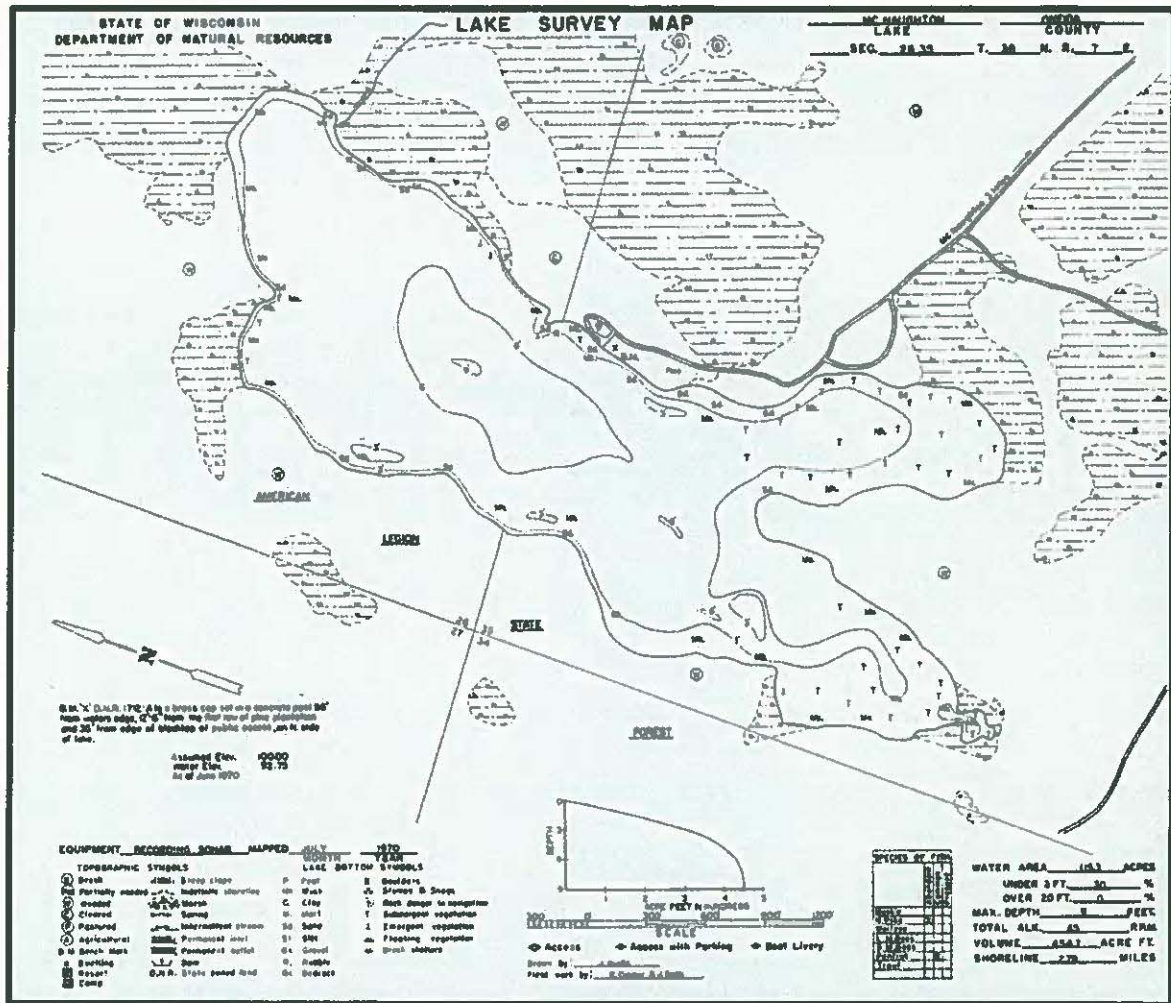
#### Aquatic Invasive Species:

Unfortunately, we discovered Purple Loosestrife growing at the boat landing and several small clumps of plants scattered along the southeast shore (*Figure 4*). We did obtain GPS coordinates of each of these locations.



McNaughton Lake Monitoring Report of August 14, 2014 continued

Figure 1. Bathymetric map of McNaughton Lake



Map Source: Wisconsin Department of Natural Resources 608-266-2621, McNaughton Lake – Oneida County, Wisconsin - DNR Lake Map , Date – Jul 1970 - Historical Lake Map

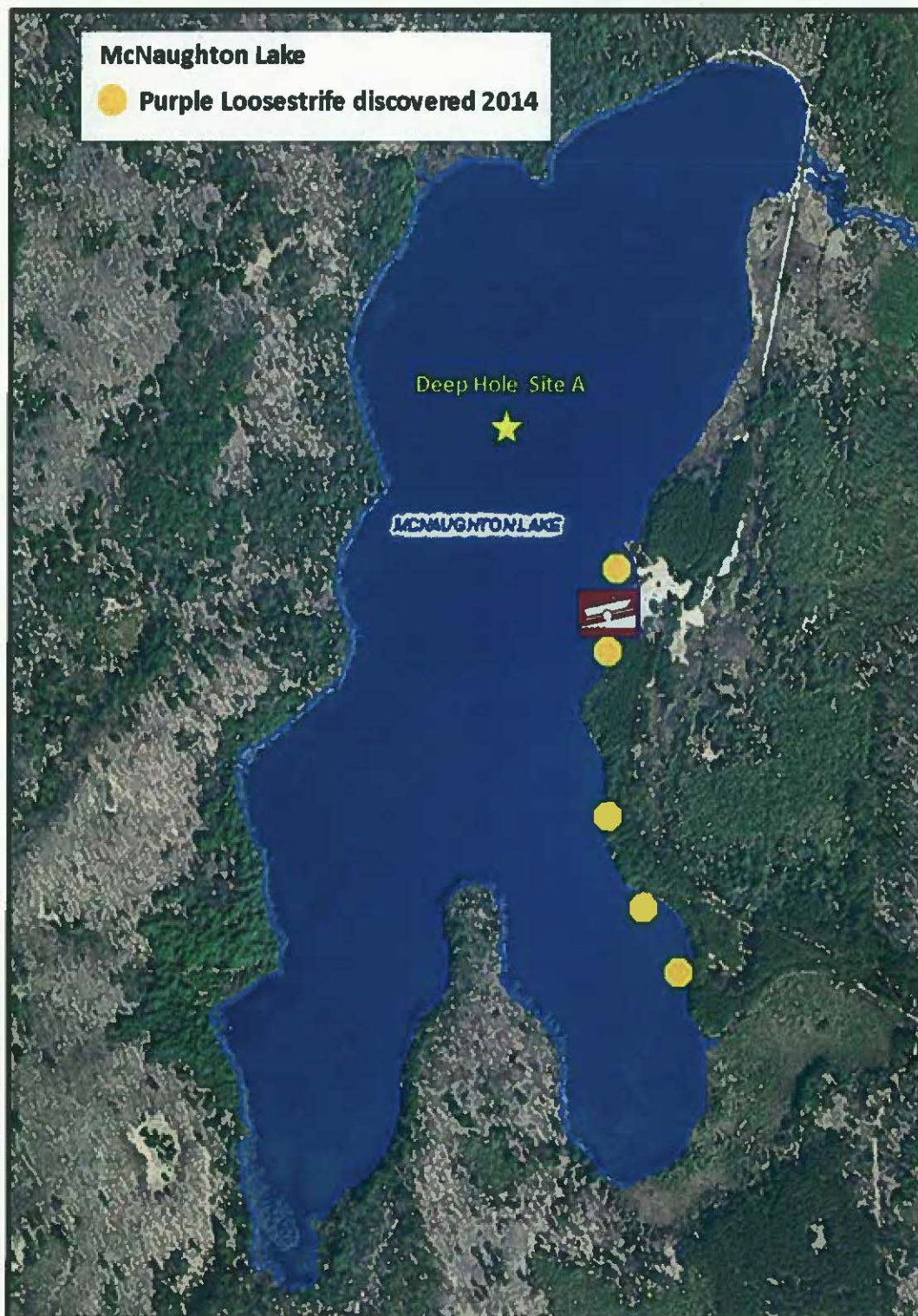
Figure 2: Map of McNaughton Lake's Deep Hole Site A



Figure 3. Map of locations checked for AIS Presence/Absence in McNaughton Lake



Figure 4. Map of Purple Loosestrife locations in McNaughton Lake



McNaughton Lake Monitoring Report of August 14, 2014 continued

Table 1. Dissolved oxygen levels and temperature readings at deep hole site A.

Depth	Dissolved Oxygen Level	Temperature
1'	9.51 mg/L	69.0°F
2'	9.62 mg/L	69.3°F
3'	9.75 mg/L	69.4°F
4'	9.91 mg/L	69.4°F
5'	9.83 mg/L	69.5°F
6'	9.84 mg/L	69.5°F
7'	9.94 mg/L	69.6°F
8'	-	-

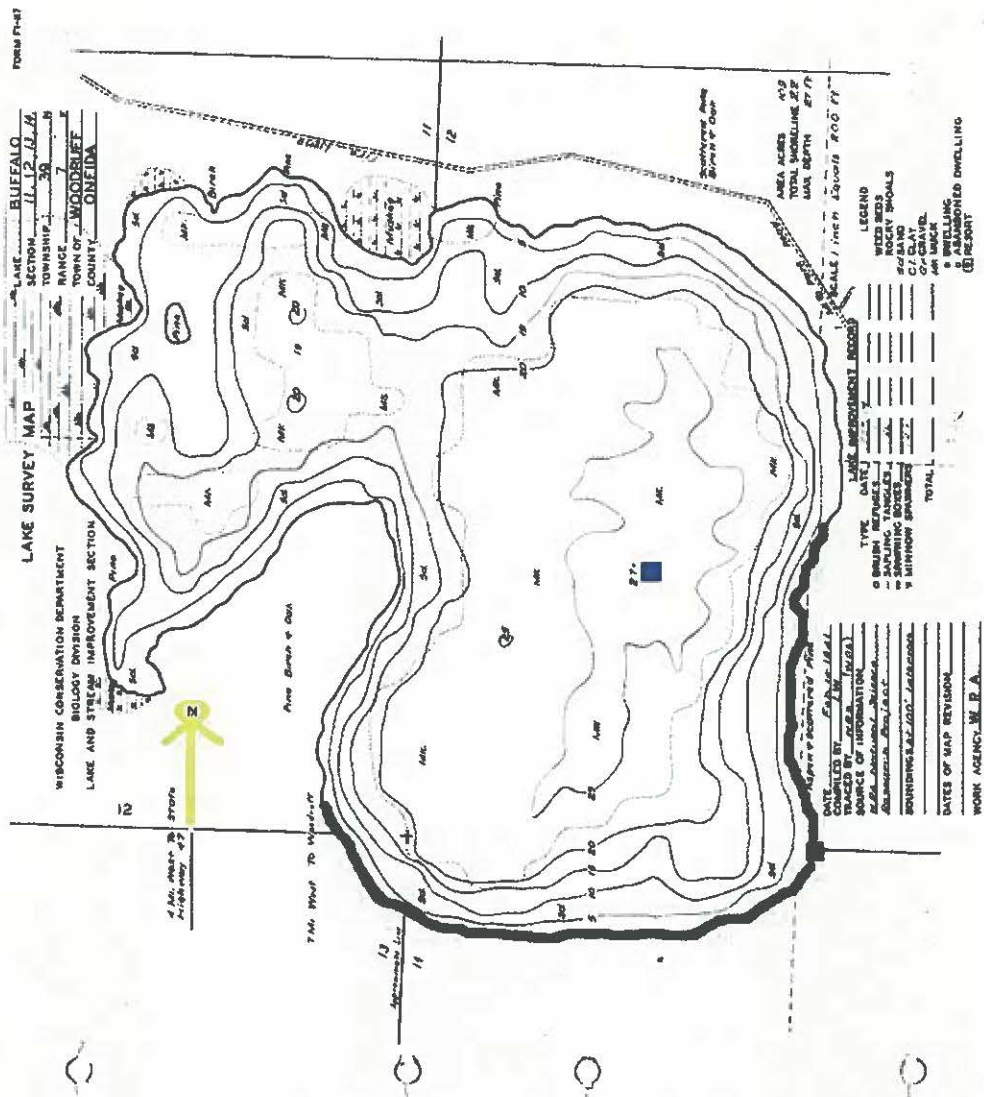
Resources:

<http://dnr.wi.gov/lakes/lakepages/LakeDetail.aspx?wbic=1587600>

Alyssa Nycz  
Lake Monitoring Summary  
Buffalo Lake

Stephanie and I monitored Buffalo Lake on Wednesday, August 13<sup>th</sup>. We accessed this lake from the public boat landing located on the campground along the eastern side of the lake. We navigated to the lake's deep hole (Figure 1), where we anchored at a depth of 20 feet. We used our GPS to map the coordinates of this location, and we recorded a Secchi disk reading of 11 feet.

The wind speed picked up significantly while we were anchored at the lake's deep hole, so we decided to monitor one long stretch of the southern shoreline to avoid fighting the wind. We began to monitor the shoreline where a large stairway is cut into a hill on shore. We continued south along the shoreline, past a second set of stairs, the public beach, the boat launch, and most of the private residences along the south end of the lake. Once we had reached the end of our stretch, we canoed back the way we came, moving much closer into shore to better observe the presence/absence of AIS. Finally, we got out of the canoe and walked a short distance from either side of the boat landing, using Aquascopes to check for anything of concern. The entire stretch was very sandy. The only vegetation we observed was southwest of the boat landing, and even this vegetation was sparse. We found a few Chinese mystery snails in the same area, but we did not observe any other aquatic life. Chinese mystery snails were previously discovered on Buffalo Lake, so our findings are not surprising. What Stephanie and I found most surprising is the lack of vegetation and aquatic life in the areas of Buffalo Lake where we monitored.



**Figure 1.** Please note that we have flipped the Wisconsin Department of Natural Resources' contour map of Buffalo Lake so the north end of the lake is pointed upwards, as marked by the yellow arrow. Additionally, the red square marks the boat landing, the blue square marks the deep hole, and the pink lines represent areas of the shoreline where we visually monitored for the presence/absence of AIS.

**Table 1.** Our dissolved oxygen and temperature readings were recorded at a depth of 20 feet.

<b>Depth</b>	<b>Dissolved Oxygen Level</b>	<b>Temperature Reading</b>
1'	8.17 mg/L	73.3°F
4'	8.14 mg/L	73.3°F
7'	8.12 mg/L	73.2°F
10'	8.11 mg/L	73.0°F
13'	8.04 mg/L	72.9°F
16'	8.04 mg/L	72.9°F
19'	6.71 mg/L	72.1°F



Hi All,

Our findings from last week's Early Detection Monitor are the following.

**September 2: Lost Lake in Florence County.** No AIS were found.

**September 3: Sweeny Lake in Oneida County.** Chinese Mystery Snails were found and they were previously listed for this water body.

**September 4: Trump Lake in Forest County.** The shoreline plant Aquatic Forget-Me-Not was found at the boatlanding. We also started monitoring Crystal Lake located in Forest/Langlade County but with a second storm approaching we had to call it day. We did snorkel the boat landing and two targeted search sites and so far no AIS were found.

Thanks,

Thanks,

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Ryan Motiff**

Water Resource Management Specialist-LTE

Northern Lake Michigan Basin

Wisconsin Department of Natural Resources

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Hi All,

Here are this week's findings while conducting our weekly AIS Early Detection Monitoring Surveys.

**August 25: Thunder Lake in Oneida County.** Chinese Mystery Snails and Banded Mystery Snails were found. The snails were already listed as present on this water body.

**August 26: Whitefish Lake in Oneida County.** Chinese Mystery Snails were found and they also listed as present on this water body.

**August 27: Lost Lake and Lake Mary in Marinette County.** On Lost Lake, no AIS were found and on Lake Mary Banded Mystery Snails were found. Banded Mystery Snails was not previously listed as present on this water body.

**We are committed to service excellence.**

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

**Ryan Motiff**

Water Resource Management Specialist-LTE

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Good afternoon everyone!



*Spring is here and there will be peppers growing in my greenhouse in 5 weeks!*

***We've moved!*** It is official, the Oneida Land & Water Conservation Department is back at the courthouse. We have been in our new digs for about 10 days now and most boxes have been unpacked. Please stop over to see our new 'old' space and say hi! Phone numbers have changed. Our new number is 715-369-7835. My email address has not changed, and still remains [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us).

***Clean Boats Clean Water (CBCW) workshops.*** We have announced our first workshop of the season, Tuesday April 29, 5:00-7:30 p.m. The location will be in *Committee Room Two, 2<sup>nd</sup> Floor, Oneida County Courthouse*. Please note this change of venue. Signs will be displayed to guide you to the correct room 😊 The workshop will introduce volunteers to a NEW FORM and a NEW APPROACH to boaters. Please mark your calendars! We are also planning on having the same workshop in Minocqua. Date and time coming soon! Please email to register for workshops.

***AIS Poster Contest.*** The Oneida County Land & Water Conservation Dept., and Lumberjack RC & D are sponsoring the 3<sup>rd</sup> Annual *Northwoods Aquatic Invasive Species Poster Contest*. New for this year, the contest is open to students in public, private, and home schools within the 'Northwoods' and 'Northland' region! AIS doesn't recognize county lines, so we decided this poster contest shouldn't either. A total of nine northern counties have partnered together to bring this contest to thousands of students. Please go to [www.oneidacountyais.com](http://www.oneidacountyais.com) for more information and entry forms.

**2014 Wisconsin Lakes Partnership Convention** is almost here! This year's convention will be held April 24-26 and will include a Saturday to make it just a little easier for educators, students, and many others to attend. Follow this link,

<http://www.uwsp.edu/cnr->

[ap/UWEXLakes/Pages/programs/convention/2014/default.aspx](http://www.uwsp.edu/cnr-ap/UWEXLakes/Pages/programs/convention/2014/default.aspx), for full details.



**2014 Wisconsin Lakes Partnership Convention**  
April 24-26, 2014  
Holiday Inn Convention Center  
Stevens Point

Come to Point and help us get "Back to the Point" of protecting and restoring our legacy of lakes!

- 50+ concurrent sessions
- 25 workshops/tours
- Poster session
- Lake Stewardship awards and banquet
- Networking opportunities

Get all the details at  
[www.wisconsinlakes.org](http://www.wisconsinlakes.org)  
or call us at 715-346-2116.

**Early Bird Deadline:  
April 3**

**REGISTER NOW!**

The poster features a stylized map of Wisconsin with a sun and a bird, and the text "Back to the Point".

**Odds and ends.** We are in the process of hiring AIS assistants and will choose our team this Friday, March 28! One individual will be on board April 10, while two individuals will start sometime in May. Stay tuned for pictures of our new hires 😊

**Mussel Mast' R.** Here is some good news about AIS! The Mussel Mast'R is meant to affix onto wakeboard boats and prevent mussel larvae transport!! This article explains more about the new technology, <http://www.carsonnow.org/story/02/28/2014/tahoe-agency-collaborates-tech-innovation-protect-lake-invasive-species>.

May the wind blow gently, the sun shine warm, and the snow melt 😊



'Landscape by moonlight'

**Hot Off the Press!**

**2016 Northwoods  
Invasive Species Poster  
Contest**

**2016 WI Land and  
Water Conservation  
Speaking and Poster  
Contest**

**AIS Updates**

**Aquatic Invasive  
Species**

**Clean Boats Clean  
Waters**

**Ice Fishing Outreach**

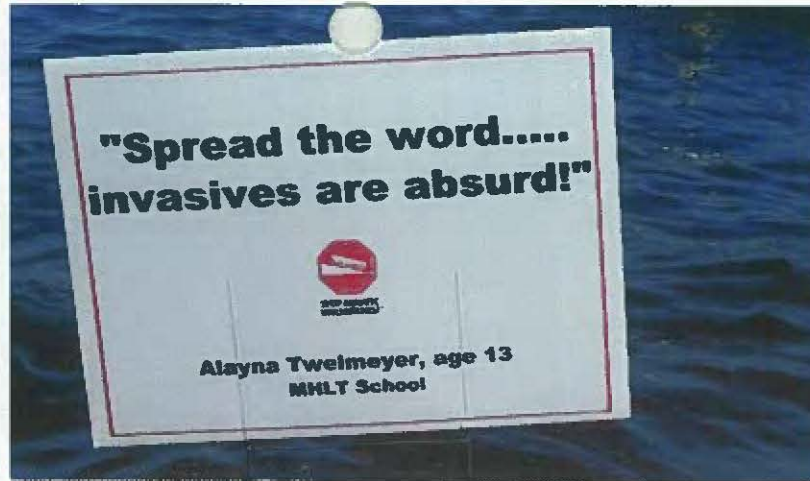
**Meet the Team**

**Monitoring Reports**

**Oneida County Lakes  
with AIS**

**Oneida County Land  
and Water  
Conservation Website**

**Secchi Disk & Dissolved  
Oxygen Data**



www-oneida-county-ais.com

Good afternoon all-

Our maples have lost most of their color, but the tamaracks, oaks, popples, and birch are just about at peak!

Agave shining maples. Marion Park, Glendon, WI.

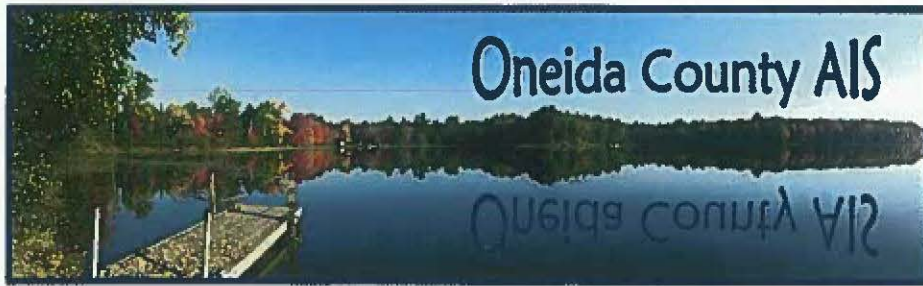
Scribd. 1 of 17

OCT-2014  
UPDATE  
ON  
WEB

**3D. Continue to update and improve Oneida County's AIS blog. (\$0.00)**

In 2012, LWCD's AIS program made our presence known on the web by creating an interactive blog site. To increase exposure to an even higher level, LWCD also created a Facebook page for the AIS program (currently 138 people following, up from 92 in 2013). Throughout 2014, staff members continuously updated both sites to keep viewers in touch with local, regional, and state AIS issues. Screenshots of both the blog and Facebook page are included.

No grant funding was needed for this activity.



**Hot Off the Press!**

**2016 Northwoods  
Invasive Species Poster  
Contest**

**2016 WI Land and  
Water Conservation  
Speaking and Poster  
Contest**

**AIS Updates**

**Aquatic Invasive  
Species**

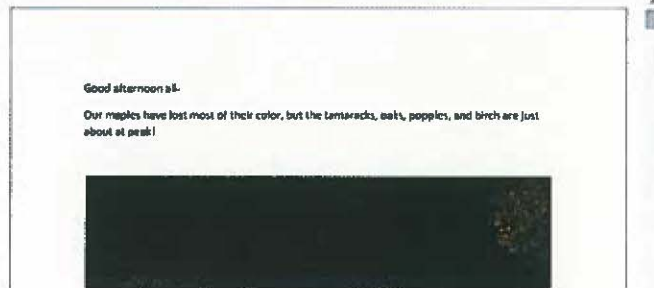
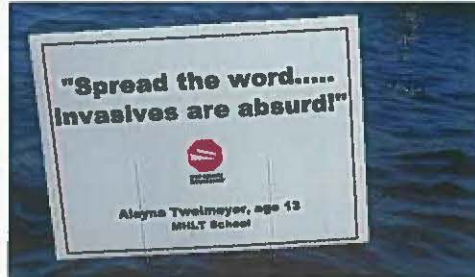
**Clean Boats Clean  
Waters**

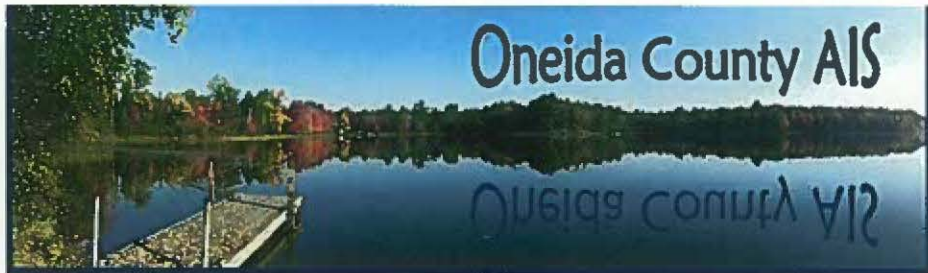
**Ice Fishing Outreach**

**Meet the Team**

**Monitoring Reports**

**Oneida County Lakes**





**Hot Off the Press!**

**2016 Northwoods Invasive Species Poster Contest**

**2016 WI Land and Water Conservation Speaking and Poster Contest**

**AIS Updates**

**Aquatic Invasive Species**

**Clean Boats Clean Waters**

**Ice Fishing Outreach**

**Meet the Team**

**Monitoring Reports**

**Oneida County Lakes with AIS**

**Oneida County Land**

**Flowering Rush (*Butomus umbellatus*)**

**Identification:** Flowering rush is a perennial plant. Its sword-shaped leaves are triangular in cross-section. It blooms from July to September. The flower stalks are umbrella-shaped clusters of many white to pink three-petaled flowers. It grows up to five feet high with leaves up to three feet long. Flowers are approximately one inch across.

**Ecology and Natural History:** Flowering rush is native to Africa, Asia, and Eurasia. The species was intentionally introduced as an ornamental plant. It is spread to new waterways by gardening and plant fragments clinging to boats and equipment.

**Oneida County Waterbodies with Flowering Rush:** Kawaguesaga Lake and Minocqua Lake.



**Hot Off the Press!**

**2016 Northwoods Invasive Species Poster Contest**

**2016 WI Land and Water Conservation Speaking and Poster Contest**

**AIS Updates**

**Aquatic Invasive Species**

**Clean Boats Clean Waters**

**Ice Fishing Outreach**

**Meet the Team**

**Monitoring Reports**

**Oneida County Lakes with AIS**

**Oneida County Land and Water Conservation Website**

**Secchi Disk & Dissolved Oxygen Data**



**Lake Monitoring**



 [alva\\_lake.pdf](#)  
Download File

 [bass\\_lake\\_en.pdf](#)  
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 [bolger\\_lake.pdf](#)  
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 [burrows\\_lake.pdf](#)  
Download File





VISITOR POSTS



Sara MBis  
July 7 at 10:14am

For being an invasive species, Crayfish Sara is pretty cute!

Like Comment



Rosie Page  
August 11, 2014 at 4:13pm

hey team! We've updated our facebook page for the Wisconsin Headwaters invasives Partnership II. Come on over and take a look!

Unlike Comment

LIKED BY THIS PAGE



WJFW Newswatch 12



Oneida County UW-Extension



Oneida County AIS

Published by Michele Sadauskas (P) · October 16, 2014

Here is the latest Oneida County AIS update. We discuss the new discovery of Eurasian water-milfoil in Brandy Lake, Vilas County, Spiny water fleas, and even Emerald ash borer! Check it out! <http://www.oneidacountyais.com/october-16-2014.html>

October 16, 2014

Oneida County AIS

ONEIDACOUNTYAIS.COM

26 people reached

Boost Post

Like Comment Share



Write a comment...



Oneida County AIS shared a link.

Published by Michele Sadauskas (P) · October 10, 2014

Oneida County Lakes with AIS (updated 10-01-14)

Oneida County AIS

ONEIDACOUNTYAIS.COM

18 people reached

Boost Post

Like Comment Share



Write a comment...

Promote

THIS WEEK

0  
Page Likes

4  
Post Reach

0  
Website Clicks

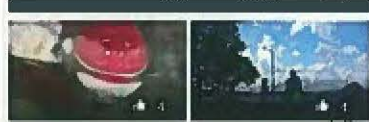
Recent

2015

2014

2013

2007



The Oneida County AIS Awards Banquet is held to recognize Lake Groups, Citizens Lake Monitoring Network, and Clean Boats, Clean Waters volunteers who spend time and effort protecting our lakes and waters in Oneida County from aquatic invasive species. The night included a wonderful meal, presentations by Lisle Kitchel and Tracy Hames, awards, and raffle prizes! More information on award winners and sponsors is available on our website [oneidacountyais.com](http://oneidacountyais.com)

VISITOR POSTS

**Sara Mills**  
July 7 at 10:14am

For being an invasive species, Crayfish Sara is pretty cute!

Like Comment

**Rosie Page**  
August 11, 2014 at 4:13pm

hey team! We've updated our facebook page for the Wisconsin Headwaters Invasives Partnership!! Come on over and take a look!

Unlike Comment



LIKED BY THIS PAGE

**WJFW Newswatch 12**

**Oneida County UW-Extension**

85 people reached Boost Post

English (US) Privacy Terms Cookies Advertising Ad Choices More - Facebook © 2015

Like Comment Choose whether to like and comment as yourself or as one of the Pages you manage.

**WJFW Newswatch 12**

**Oneida County UW-Extension**

English (US) Privacy Terms Cookies Advertising Ad Choices More - Facebook © 2015

**Sara Mills**  
July 7 at 10:14am

For being an invasive species, Crayfish Sara is pretty cute!

Like Comment

**Rosie Page**  
August 11, 2014 at 4:13pm

hey team! We've updated our facebook page for the Wisconsin Headwaters Invasives Partnership!! Come on over and take a look!

Unlike Comment

**Oneida County AIS**  
Published by Michelle Sedatusas [P] July 30, 2014

Check this out! This is a first-time find for me. Always on the lookout for the Invasive Purple Loosestrife, I was first disheartened to see this stalk of purple in the wetland near our house. But something just didn't feel right. I hopped out of the car and took a closer look. And look an even closer look I did not know what I found. My guess was possibly an orchid because of its stony, thick, parallel-veined leaves. After digging around a bit on the internet...it was **INDOED** an orchid! A Lesser Purple Flit-eyed Orchid! How cool is that! These are the type of species that I work so hard to preserve! This is what you want in your garden! [View photo](#)

52 people reached Boost Post

Like Comment Share

**Rosie Page, Jean Hansen, Karl Clinger and 3 others** like this.

Write a comment...

**ONEIDA CO. LAND & WATER CONSERVATION**

Come on down and visit us at the Oneida County Fair!

**3E. Host an awards ceremony and partnership meeting. (\$800.00)**

On August 6, 2014, LWCD hosted an awards ceremony and partnership meeting at Holiday Acres in Rhinelander, WI. Peer nominations, Oneida County AIS Team nominations, and years-of-service awards were recognized. A total of 11 individuals were honored for protecting Oneida County's lakes and rivers. 54 people attended the 3 ½ hour event.

Speakers for the evening included Tom Rudolph (Chairman, CUW Committee), Lisie Kitchel (Conservation Biologist, WDNR), and Tracy Hames (Executive Director, WI Wetlands Association). Award winners, sign-in sheet, donation list, agenda, and a facsimile of the award certificates are included.

**Expenses:**

Facilities expense (includes food, room, supplies, etc.) **\$938.28**

# Oneida County Awards Ceremony Invitation

*In recognition of our local lake groups and CBCW/CLMN Volunteers!*



**Wednesday, August 6<sup>th</sup>**

Check-In begins at 5:00 p. m.

Holiday Acres Resort on Lake Thompson,  
4060 South Shore Drive, Rhinelander, WI 54501



Please RSVP by phone, 715-369-7835 or email, [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us)

**by Friday, July 25th!**

Please send \$10 dinner registrations in advance to: Oneida County Land & Water,  
P.O. Box 400, Rhinelander, WI 54501

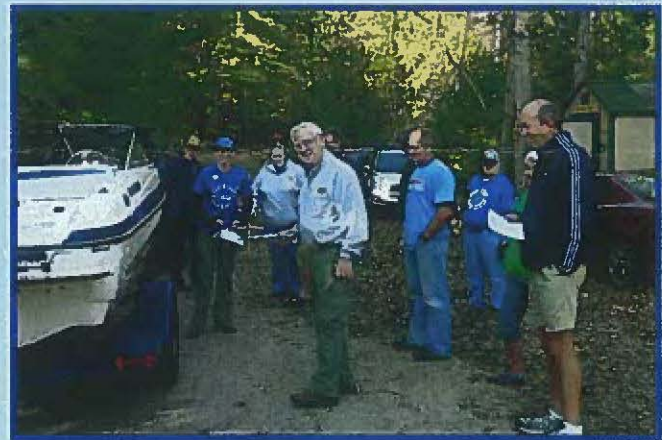
★ ★ ★  
**Raffle  
Prizes!**

Dinner Buffet<sup>†</sup> - \$10/Person

*The buffet will include:*

- ◆ Spinach salad w/ feta cheese, craisens,  
& balsamic vinaigrette
- ◆ Whole bean & baby carrot vegetable blend
  - ◆ Mashed potatoes & gravy
  - ◆ Warm dill bread
- ◆ Lemon-pepper baked fish
- ◆ Carved roast top sirloin
- ◆ Texas chocolate cake

<sup>†</sup> If guests have any dietary restrictions, please  
contact the Oneida County Land & Water  
Conservation Department at 715-369-7835.



**This year's award ceremony will  
feature guest speakers  
Lisie Kitchel and Tracy Hames.**

*Lisie Kitchel, Conservation Biologist  
working with the Mussel Monitoring  
Program of Wisconsin*

*Tracy Hames, Executive Director,  
Wisconsin Wetlands Association*



LAND & WATER CONSERVATION  
DEPARTMENT

ONEIDA COUNTY LAND & WATER  
CONSERVATION - AIS PROGRAM

presents this  
**Outstanding Lake  
Stewardship Award**  
to



**NORRIS ROSS**

for his countless volunteer hours and efforts educating others in the on-going effort to keep Aquatic Invasive Species out of Northwoods lakes and his years of service as Vice President of the Three Lakes Waterfront Association.

**Presented this sixth day of August, 2014**

*Jean Hansen, County Conservationist  
Oneida County Land & Water Conservation*



*Michele Sadauskas, AIS Coordinator  
Oneida County Land & Water AIS Program*

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A  
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S

# 2014 Awards Banquet Sign up Sheet

## Wednesday, August 6, 2014

Name	Contact Information	Attending		Paid by	
		YES	NO	Cash	Check #
Lucy Nelson	<a href="mailto:plknlucy@frontier.net">plknlucy@frontier.net</a> Pelican Lake	X			PAID # 5079
Marge Boulanger	Pelican Lake	X			PAID # 5079
Joe Bartholomew	Indian Lake	X			
Joe's Daughter	Indian Lake	X			
Rosie Page	Land and Water Office	X			Gratis
Jean Hansen	Land and Water Office	X			Gratis
Michele Sadauskas	Land and Water Office	X			Gratis
Alyssa Nycz	Land and Water Office	X			Gratis
Sara Mills	Land and Water Office	X			Gratis
Tracy Hames	SPEAKER	X			Gratis
Lisie Kitchel	SPEAKER	X			Gratis
Stephanie Boismenu	Land and Water Office	X			Gratis
Ed Jacobson	<a href="mailto:jaketheoilguy@yahoo.com">jaketheoilguy@yahoo.com</a>	X			Gratis
Paul Wussrow	<a href="mailto:pwussrow@gmail.com">pwussrow@gmail.com</a>	X			
Dave Walz	<a href="mailto:David.Walz@wisconsin.gov">David.Walz@wisconsin.gov</a>	X			PAID # 8112
Joel Knutson	<a href="mailto:jfknutson@gmail.com">jfknutson@gmail.com</a>	X			
Sandra Wickman	<a href="mailto:sandra.wickman@wisconsin.gov">sandra.wickman@wisconsin.gov</a>	X			
Fred Felix	<a href="mailto:bluelake73@gmail.com">bluelake73@gmail.com</a>	X			
Pam McVety	<a href="mailto:pammcvety@hotmail.com">pammcvety@hotmail.com</a>	X			
Mr. McVety		X			

Jim Gehrke	Crescent Lake <a href="mailto:jimgehrke60@gmail.com">jimgehrke60@gmail.com</a>	X			
Kay Gehrke	Crescent Lake	X			
Lon Schmidt	Friends of Lone Stone Lake <a href="mailto:schmidt5@sbcglobal.net">schmidt5@sbcglobal.net</a>	X			PAID #1740
Cathy Schmidt	Friends of Lone Stone Lake <a href="mailto:schmidt5@sbcglobal.net">schmidt5@sbcglobal.net</a>	X			PAID #1740
Norris Ross	<a href="mailto:norrisross@frontier.net">norrisross@frontier.net</a>	X			Gratis
Joan Ross	<a href="mailto:norrisross@frontier.net">norrisross@frontier.net</a>	X			
Paul Schreiber	Lake Thompson <a href="mailto:frosty@newnorth.net">frosty@newnorth.net</a>	X			Gratis
Charles Smith	Lake Thompson	X			
Bob Mott	<a href="mailto:bobmott329@hotmail.com">bobmott329@hotmail.com</a>	X			
Tim Brown	<a href="mailto:tim.brown@ces.uwex.edu">tim.brown@ces.uwex.edu</a>	X			
Kim Brown	<a href="mailto:kim.brown@ces.uwex.edu">kim.brown@ces.uwex.edu</a>	X			
Ed Wiese	715-272-1119	X			
Karyl Rosenburg	<a href="mailto:karylfrosenberg@gmail.com">karylfrosenberg@gmail.com</a>	X			
John Heusinkveld	Treehaven	X			
Bill Jaeger	<a href="mailto:billjaeger@frontiernet.net">billjaeger@frontiernet.net</a> Town of Newbold	X			
Ruth Jaeger	Town of Newbold	X			
Tom Rudolph	SPEAKER	X			Gratis
Doris Rudolph		X			
Bob Martini	<a href="mailto:kvicmart@newnorth.net">kvicmart@newnorth.net</a>	X			
Jean Roach	Pelican Lake <a href="mailto:jmroach@me.com">jmroach@me.com</a>	X			LA*
Vicki Vauk Smith	Pelican Lake	X			LA*
Richard Upthegrove	Pelican Lake	X			LA*
Lori Regni	Pelican Lake	X			LA*
Lucille Regni	Pelican Lake	X			LA*

<b>Gary Blumreich</b>	<b>Pelican Lake</b>	<b>X</b>			<b>LA*</b>
<b>Nancy Blumreich</b>	<b>Pelican Lake</b>	<b>X</b>			<b>LA*</b>
<b>Kathy Handt</b>	<b>Pelican Lake</b>	<b>X</b>			<b>LA*</b>
<b>Dan Mehring</b>	<b>Squash Lake</b> <b><u>dm.mehring@gmail.com</u></b>	<b>X</b>			
<b>Marj Mehring</b>	<b>Squash Lake</b>	<b>X</b>			
<b>Scott Eshelman</b>	<b>Town of Newbold</b>	<b>X</b>			
<b>Scott Eshelman guest</b>	<b>Town of Newbold</b>	<b>X</b>			
<b>Theresa Werner</b>	<b><u>woods3@newnorth.net</u></b>	<b>X</b>			
<b>Dave Johnson</b>	<b>Pelican Lake</b>	<b>X</b>			<b>LA* ?</b>
<b>Erin McFarland</b>	<b>UW-Lakes Program</b>	<b>X</b>			
<b>Ron Paque</b>	<b>Crescent Lake</b>	<b>X</b>			<b>Gratis</b>
<b>AnnMarie Paque</b>	<b>Crescent Lake</b>	<b>X</b>			
<b>Glen Peterson</b> <small>Cash paid by Carol Anderson – recelpted 8/4/14</small>	<b>Crescent Lake</b>	<b>X</b>			<b>PAID cash</b>
<b>Mary Peterson</b>	<b>Crescent Lake</b>	<b>X</b>			

54 confirmed attending



LA\* Will be paid by Pelican Lake Association

## AIS Banquet Donations 2014

<u>Sponsor</u>	<u>Item</u>
Lake Tomahawk Meat Market	\$10 Gift Certificate
Rollie & Helen's Musky Shop	Baseball Cap (Worth \$21.99)
Kurt's Island Sport Shop	Sweepfire 3000-2B Reel (Worth \$21.99)
Minocqua Brewing Company	\$25 Gift Certificate
Holiday Acres Recreational Park	\$25 Gift Certificate
The Waters of Minocqua	8 Waterpark Passes (Worth \$120)
Chequamegon's Adventure	Rental Certificate
Minocqua Sport Rental	Airhead Figi Float
Up the Creek	Flowerpot Centerpiece
Timber Bay Sport & Dive Center	Snorkeling Mask & Mouthpiece
Lakeland Cinema	2 Movie Passes
The Butcher's Wife Ice Cream Shop	\$10 Gift Certificate
J&J's Sports	2 \$10 Gift Certificates
Hoggie Doggies	2 \$5 Gift Certificates
The Minocqua Boardwalk Shoppes	2 \$10 Gift Certificates
Stoney Creek Home & Garden	\$10 Gift Certificate
Hodag Farmers' Market	\$20 Gift Certificate
Rhineland Dairy Queen	Gift Certificate for a 6-pack of Dilly Bars, Gift Certificate for a Frozen Cake (Worth \$22.99)
Rhineland Cafe & Pub	\$15 Gift Certificate
Mel's Trading Post	Rental Certificate
The Fishing Hole	Bootail Lure (Worth \$15.99)
Imaginuity	Freshwater Fish Puzzle and Coupon for \$10 off a Purchase of \$20 or More
Green Bay Packers	Two bags, two shirts, two picture frames
Minocqua Walmart	\$25 Gift Certificate
Jewels of the Northwoods (Jonna Jewell)	A decorated basket
Rhineland Walmart	\$25 Gift Certificate

## AIS Banquet Donations 2014

<u>Sponsor</u>	<u>Item</u>
Lake Tomahawk Meat Market	\$10 Gift Certificate
Rollie & Helen's Musky Shop	Baseball Cap (Worth \$21.99)
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Up the Creek	Flowerpot Centerpiece
Timber Bay Sport & Dive Center	Snorkeling Mask & Mouthpiece
Lakeland Cinema	2 Movie Passes
The Butcher's Wife Ice Cream Shop	\$10 Gift Certificate
J&J's Sports	2 \$10 Gift Certificates
Hoggie Doggies	2 \$5 Gift Certificates
The Minocqua Boardwalk Shoppes	2 \$10 Gift Certificates
Stoney Creek Home & Garden	\$10 Gift Certificate
Hodag Farmers' Market	\$20 Gift Certificate
Rhineland Dairy Queen	Gift Certificate for a 6-pack of Dilly Bars, Gift Certificate for a Frozen Cake (Worth \$22.99)
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Minocqua Walmart	\$25 Gift Certificate
Jewels of the Northwoods (Jonna Jewell)	A decorated basket
Rhineland Walmart	\$25 Gift Certificate

**Conservation & UWEX  
Education Committee**

Tom Rudolph, Chair  
Robb Jensen  
Scott Holewinski  
Jim Intrepidi  
Bob Mott  
Clint Zimbeck, FSA  
Member



**Conservation & UWEX Education Committee  
Land & Water Conservation Department**

**Oneida County Courthouse  
P O Box 400 • 1 South Oneida Avenue  
Rhineland, Wisconsin 54501  
Phone (715) 369-7835  
Fax (715) 369-6268**

*Jean Hansen  
County Conservationist*

*Michele Sadauskas  
AIS Coordinator*

*Jonna Stephens Jewell  
Program Assistant*

August 15, 2014

**NEWS RELEASE**

**TO: ALL LOCAL MEDIA**

**FROM: Michele Sadauskas  
AIS Coordinator  
Oneida County Land & Water Conservation Department**

**ONEIDA COUNTY RECOGNIZES AWARD WINNERS AT 2014 AIS BANQUET**

The Oneida County Land & Water Conservation Department – AIS Program has recognized several individuals, and one lake group, for outstanding achievement this past year for their activities in protecting Oneida County's lakes and rivers from aquatic invasive species (AIS). Winners received specialized award certificates at the 2014 AIS Awards Banquet held on August 6, at the Holiday Acres Resort in Rhineland.

Outstanding Lake Stewardship awards were presented to Paul Schreiber (Lake Thompson) and Norris Ross (Three Lakes Waterfront Association). Outstanding Stewardship awards were presented to Ron Paque (Crescent Lake) and to the Three Lakes Waterfront Association. A Special Stewardship and Technical Achievement award was presented to Reed Newlin, for his work on Laurel, Big Stone, Deer and Medicine Lakes. Jim Allen (Dorothy Lake) and Carol Miller (Bird Lake) each received Fifteen-year Citizen Monitoring awards while Eugene Ohm (Virgin Lake) received his Twenty-year Citizen Monitoring award. Stephanie Boismenu, AIS Program Assistant and Squash Lake resident was recognized as this year's Outstanding Volunteer and a special Lifetime Stewardship award was presented to Nancy and Gary Blumreich (Pelican Lake).

## Awards recipients – 2

Michele Sadauskas, AIS Coordinator, also recognized her two other AIS Program Assistants, Alyssa Nycz and Sara Mills. Their hard work this summer, in addition to their creativity in the design of can koozies, wrist bands, pens and cocktail napkins, served to get the message, “Stop Aquatic Hitchhikers” out to the public.

These recognized individuals and lake group, in addition to the dedicated Clean Boats Clean Waters (CBCW) and Citizen Lake Monitoring Network (CLMN) volunteers, educate the public on the importance of monitoring lakes and rivers in Oneida County and the dangers of the spread of aquatic invasive species. If you would like to be part of this team, contact Michele Sadauskas, Oneida County AIS Coordinator at 715-369-7835 or e-mail [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us).

# # #

**3F. Student poster contest. (\$595.00)**

Although a State Land & Water Poster Contest already existed, oftentimes the theme of the contest did not allow AIS relevant posters to be submitted. For this reason, Oneida County LWCD debuted an AIS poster contest in 2012.

In its third year (2014), the '*Northwood's Aquatic Invasive Species Poster Contest*' had 15 classes and 198 posters submitted! Northwood's students in 4<sup>th</sup> through 8<sup>th</sup> grades were invited to attend. Medals were given to students placing 1<sup>st</sup> through 3<sup>rd</sup> place, and honorable mention ribbons were also awarded to entries that exceeded expectations. Additionally, 1<sup>st</sup> place winners had a local AIS Team bring a celebration to their classroom (this might have included ice cream, cookies, or other treats) and winning schools also received a '*Field Guide to Wisconsin Streams*', donated on behalf of the winning classroom.

Poster contest brochure, media release, book awards, a list of winners, pages from the 2014 Invasive Species Poster Contest calendar, and photos of the traveling art exhibit are included.

Expenses:

Awards (medals & ribbons)	\$ 109.12
Calendars	\$ 295.16
Misc. supplies	\$ 16.50
Supplies—exhibition	\$ 15.98
Contest display—exhibition	\$ <u>27.97</u>
<b>Total</b>	<b>\$ 464.73</b>

Why participate?

Contest information

Teacher's notes

Entry Form



**STOP AQUATIC  
HITCHHIKERS!**

Prevent the transport of nuisance species.  
Clean all recreational equipment.  
[www.ProtectYourWaters.net](http://www.ProtectYourWaters.net)

---

# Northwoods Aquatic Invasive Species (AIS) Poster Contest 2014



A student message greets boaters at a boat landing.

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# Why Participate?

## Welcome Administrators, Teachers, Parents, and Students

The Oneida County Land & Water Conservation Department (LWCD) and Lumberjack Resource Conservation & Development Council (RC& D) would like to invite you to participate in the 3rd Annual *Northwoods Aquatic Invasive Species (AIS) Poster Contest*. Area students in 4th through 8th grade are eligible to participate. The primary goal of this contest is to educate students about aquatic invasive species (AIS).

### DID YOU KNOW:

- ⇒ over \$15,000 is spent *each summer* for scuba divers to hand harvest Eurasian water-milfoil in Squash Lake.
- ⇒ Lake Superior is home to **97** non-native species!
- ⇒ New Zealand mud snails are the size of a grain of sand and were found for the 1st time in Wisconsin last summer!
- ⇒ immature Zebra Mussels **cannot** be seen by the naked eye *and* adult Zebra Mussels can filter **one quart** of water a day!

We hope that students participating in a contest such as this, will gain a better understanding of how AIS can affect each individual in the area. More importantly, that *each of us can help* stop the spread of invasive species and protect our lakes and rivers!

Medals will be awarded for 1st, 2nd, and 3rd places, and honorable mention ribbons will also be presented. In addition, each 1st place winner's *class and school* become winners too! Moreover, winning entries will also become part of a traveling art exhibit that will be seen throughout the Northwoods in the summer of 2014.

We hope you will join us in fighting AIS!





---

# Contest Information

## Eligibility:

The 2014 contest is open to students in public, private, and home schools within the 'Northwoods' and 'Northland' region. AIS doesn't recognize county lines, so we decided this poster contest shouldn't either!

## Divisions:

### Poster

Elementary, grades 4-5

Junior, grades 6-7

Middle, grade 8

## Deadline:

All entries **must be** received by **May 2, 2014**. Please see page 8 for a listing of drop-off locations (more locations will be added!). Please contact Michele Sadauskas, Oneida County AIS Coordinator, [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us), or John Preuss, Tri-County AIS Coordinator, [johnpreuss@frontier.com](mailto:johnpreuss@frontier.com) if you have any questions. You can also visit [www.oneidacountyais.com](http://www.oneidacountyais.com) or [www.lumberjackrcd.org](http://www.lumberjackrcd.org) for more information.

## Judging:

A panel of judges with backgrounds in the arts and sciences, and public sector will determine the winners. Judging will take place May 7-8. Judge's decisions are final. Winners will be notified May 9. Winning posters become the property of LWCD and Lumberjack RC&D. Non-winning entries may be picked up at the Oneida County Land & Water Conservation Department office after May 12, 2014.



# Contest Information

## Prizes:

- ◆ Winners in each Division will be awarded 1st, 2nd, and 3rd place medals.
- ◆ Honorable Mention Ribbons will be awarded as deemed appropriate by the panel of judges.
- ◆ Each 1st place winner's *class* wins too! During the weeks of May 19-23 and May 26-30, your AIS Team will bring an award ceremony (which includes treats!) to the *class* of the 1st place winner (subject to teacher approval and coordination). Also, each 1st place winner's *school* will receive a donated lake ecology book. Get your friends to enter and you could *all* be winners!

## Rules:

- ◆ All artwork must be the **original work** of the individual student.
- ◆ Entries must have the *entry form* attached firmly on the back of artwork.
- ◆ Posters should be no larger than 11 x 17 inches.
- ◆ Posters can be on any color paper, but it must be un-lined.
- ◆ Photos cannot be used on posters.
- ◆ Any coloring materials may be used (ex. crayon, watercolor, chalk).
- ◆ No stamps or stickers may be used.



Come join the fun!



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# Contest Information

## Helpful Student Hints:

### Judging Criteria

- ◆ Message is effective 30%
- ◆ Student shows understanding of topic 30%
- ◆ Universal appeal 20%
- ◆ Follows contest rules 10%
- ◆ Originality 10%

### Copyrights

**Be aware of copyrights.** Copyrights are a protection by U.S. law for creators of original work. Remember to use your own ideas and drawings. Also, if you see this symbol (©) on any piece of work, you **cannot** use it in your work.

### Remember

- ◆ Use the entry form provided, fill it out completely, have your parent/guardian sign and attach it to the back of your entry.
- ◆ Choose a brief, catchy message for your poster.
- ◆ Use colors to capture and hold attention.
- ◆ Don't use photos, stickers, or stamps on your poster.
- ◆ Don't try to include too many ideas or activities in your artwork. Simple is often better!



# Teacher's Notes

We are excited to have your students participating in the 3rd Annual Northwoods AIS Poster contest! We hope the following resources can be used to help teachers and students become more familiar with AIS. If you have any questions or need materials please contact Michele Sadauskas, Oneida County AIS Coordinator, [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us), or John Press, Tri-County AIS Coordinator, [johnpreuss@frontier.com](mailto:johnpreuss@frontier.com).

## 2013 Winners!

(For inspiration only, artwork is copyrighted.)



Vincent Strong, Creative Minds  
2013 3rd place  
4-6 grade division



Daniel Lundquist, MHLT  
2013 3rd place  
7-9 grade division



David York, Central Intermediate  
2013 1st place  
4-6 grade division



# Teacher's Notes

## Suggested Links

EEKI: <http://dnr.wi.gov/EEK/>

Great Lakes Phragmites Collaborative: <http://greatlakesphragmites.net/>

Nab the Aquatic Invader: <http://www.iiseagrant.org/nabinvader/>

Oneida County AIS: [www.oneidacountyais.com](http://www.oneidacountyais.com)

UW Extension Lakes: [www.uwsp.edu/cnr/uwexlakes/](http://www.uwsp.edu/cnr/uwexlakes/)

Wisconsin DNR: <http://dnr.wi.gov/topic/invasives/>



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# Drop-off Locations

## **Rhineland District Library**

106 North Stevens Street  
Rhineland, WI 54501  
(715) 365-1070

## **Minocqua Public Library**

415 Menominee Street  
Minocqua, WI 54548  
(715) 356-4437

## **Demmer Memorial Library**

6961 West School Street  
Three Lakes, WI 54562  
(715) 546-3391

## **Oneida County**

### **Land & Water Conservation Dept.**

Oneida County Courthouse,  
2nd Floor  
Rhineland, WI 54501  
(715) 365-2750

### **Langlade County Land Conservation Dept.**

837 Claremont St.  
Antigo, WI 54409  
(715) 627-6292

### **Mellen School District**

420 S. Main St.  
Mellen, WI 54546  
(715) 274-3601



**Please contact us if these  
drop-off sites are not nearby.  
We have lots of connections!**



# Entry Form

## Northwoods AIS Poster Contest Official Entry Form

(Fill out **completely**. Carefully **print**. Form must be **attached firmly to back of artwork**)

Teacher name

School phone #

School address

School/teacher email

Artist's name

Age

Grade

Home phone #

School

**The following statement MUST be read and signed by the artist AND parent/guardian.**

I have read and agree to the rules of the NORTHWOODS AIS POSTER CONTEST. All decisions of the judges are final. I assign all rights and ownership of my poster to the organizers and agree that it may be used, published, displayed, or donated. Winning entries become the property of LWCD and Lumberjack RC&D. I certify that this poster is my original, created art work as witnessed by my parent or teacher. All non-winning entries may be picked up after May 12, 2014 at the Oneida County Land & Water Conservation Department office.

Artist signature

Date

Parent/teacher signature

Date

**For more information please visit: [www.oneidacountyais.com](http://www.oneidacountyais.com) or [www.lumberjackrcd.org](http://www.lumberjackrcd.org)**



Oneida County Land & Water Conservation Department  
&  
Lumberjack Resource Conservation & Development Council

*In partnership with Ashland County Land & Water Conservation Department*

*presents the*  
**2014 Aquatic Invasive Species  
Poster Contest Winners**

**Celebrating  
Aquatic Invasive Species  
Awareness Month  
June 2014**

**Featured Artists**

Grades 4-5 Winners			
1 <sup>st</sup> Place:	Reagan Hartman	Grade 4	Central School, Rhineland
2 <sup>nd</sup> Place:	Elise Tesch	Grade 4	Central School, Rhineland
3 <sup>rd</sup> Place:	Jeanna Lindquist	Grade 5	Mellen School District
Grade 6-7 Winners			
1 <sup>st</sup> Place:	Carleene Morien	Grade 6	James Williams, Rhineland
2 <sup>nd</sup> Place:	Emma Moore	Grade 6	Northwestern, Poplar
3 <sup>rd</sup> Place:	Caitlyn Worth	Grade 6	Northwestern, Poplar
Grade 8 Winners			
1 <sup>st</sup> Place:	Alex Nellesen	Grade 8	Hurley School District
2 <sup>nd</sup> Place:	Alexis Swanson	Grade 8	Hurley School District
3 <sup>rd</sup> Place:	Isaac DeCarlo	Grade 8	Hurley School District



*Field Guide To Wisconsin Streams*

*In recognition of their participation and outstanding, first place performance in the 3<sup>rd</sup> Annual Northwoods AIS Poster Contest, this book was donated on behalf of Mr. Gildseth's 2013-2014, 6<sup>th</sup> Grade Class at Rhinelander's James Williams Middle School, and made possible by the Oneida County Land & Water Conservation Department and the Lumberjack Resource, Conservation & Development Council.*



*Field Guide To Wisconsin Streams*

*In recognition of their participation and outstanding, first place performance in the 3<sup>rd</sup> Annual Northwoods AIS Poster Contest, this book was donated on behalf of Mrs. Kolpin's 2013-2014 8<sup>th</sup> Grade Class at the Hurley School District, and made possible by the Oneida County Land & Water Conservation Department and the Lumberjack Resource, Conservation & Development Council.*



*Field Guide To Wisconsin Streams*

*In recognition of their participation and outstanding, first place performance in the 3<sup>rd</sup> Annual Northwoods AIS Poster Contest, this book was donated on behalf of Mrs. Werner's 2013-2014 4<sup>th</sup> Grade Class at Rhinelander's Central Intermediate School, and made possible by the Oneida County Land & Water Conservation Department and the Lumberjack Resource, Conservation & Development Council.*



Presenting the Winners  
of the 2014  
AIS Poster Contest

CONGRATULATIONS  
TO ALL OUR  
WINNERS!



YOU CAN LEARN  
A LOT FROM US IN  
THIS CALENDAR.



# 2015 Calendar

## Students Teaching Others About Aquatic Invasive Species

*Sponsored by the Oneida County Land & Water Conservation Department (LWCD)  
and Lumberjack Resource Conservation & Development Council (RC&D)*

**DID YOU KNOW?** Over 180 Aquatic Invasive Species (AIS) have been found in the Great Lakes, but only about 20 to 30 have been introduced into Wisconsin's inland waters. Some species of concern include: *Chinese Mystery Snails*, *Japanese Mystery Snails*, *New Zealand Mud Snails*, *Quagga Mussels*, *Zebra Mussels*, *Freshwater Jellyfish*, *Fishhook Water Fleas*, *Rusty Crayfish*, *Spiny Water Fleas*, *Curly-Leaf Pondweed*, *Eurasian Water Milfoil*, *Hybrid Eurasian Water Milfoil*, *Yellow Iris*, *Yellow Floating Heart*, *Rainbow Smelt*, *Purple Loosestrife*, *Non-native Phragmites*, *Flowering Rush*, and *Viral Hemorrhagic Septicemia (VHS)*



←  
**Carleene Morien**  
**6<sup>th</sup>-7<sup>th</sup> Grade**  
**JWMS,**  
**Rhineland**  
**1st Place Winner**





# August, 2014



SUN	MON	TUE	WED	THU	FRI	SAT
27	28	29	30	31	1	2
3	4 ☾	5	6	7	8	9
10 ○	11	12	13	14	15	16
17 ☾	18	19	20	21	22	23
24	25 ●	26	27	28	29	30
31	1	2	3	4	5	6



2014 Partners

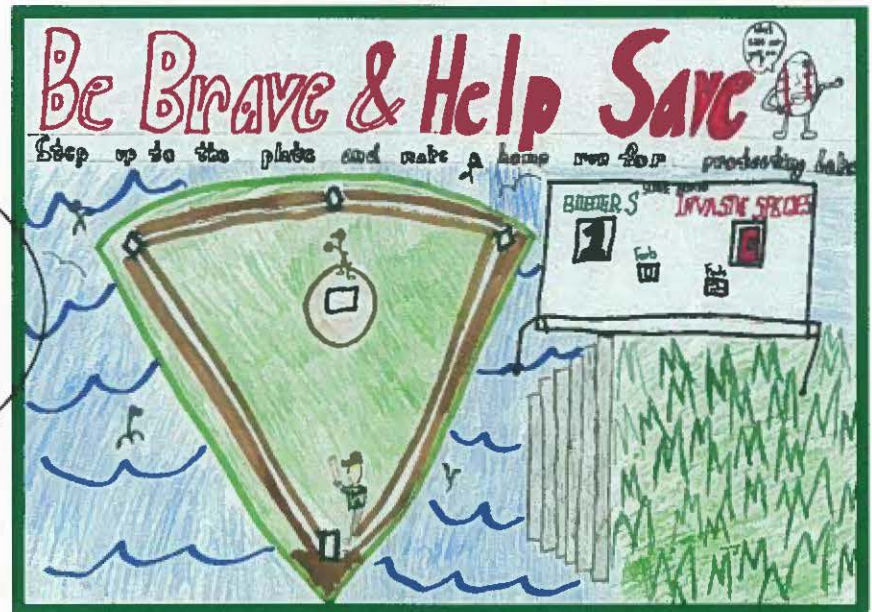
**Kyle Morien**  
 4<sup>th</sup> Grade -  
 Central,  
 Rhinelander  
 Honorable  
 Mention  
 →



**Audrey Schiek**  
 4<sup>th</sup> Grade -  
 Nativity,  
 Rhinelander  
 Honorable  
 Mention  
 →



**Annika Johnson, 4<sup>th</sup> Grade - Central, Rhinelander**  
 ↓ Honorable Mention



**I'LL BET YOU DIDN'T KNOW THIS!**  
 There are over 15,000 lakes in Wisconsin. While most of them are not contaminated, invasive species can easily spread to other lakes. If you like to explore and play in the water like I do, let's all work together to keep our lakes FREE of AIS!

Source: WDNR



# September, 2014



SUN	MON	TUE	WED	THU	FRI	SAT
31	1 Labor Day	2 ☾	3	4	5	6
7 Grandparents' Day	8	9 ○	10	11 Patriot Day	12	13
14	15	16 ☾	17	18	19	20
21	22	23	24 ●	25	26	27
28	29	30	1	2	3	4

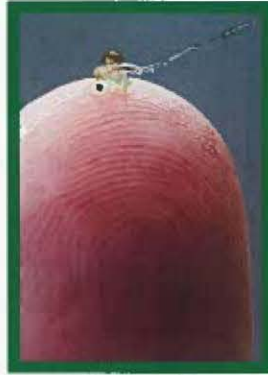


2014 Partners

## What Effect do Spiny Water Fleas Have on an Ecosystem?

- Spiny Water Fleas have sharp barbs on their tails which can get caught in the throats of small fish that eat them.
- Spiny Water Fleas can accumulate in clumps on fishing line and other equipment, creating a nuisance for anglers.
- Studies show when Spiny Water Fleas move in, there is a large decline of native water fleas. Fewer native fleas means less food for fish, an increase in algae and a decrease in water clarity.

Source: Wisconsin Dept. of Natural Resources



Picture: © Donn Branstrator



Picture: © Jeff Gunderson



Spiny Water Fleas have been reported in Dane, Door, Forest, Iron, and Vilas Counties.

DID YOU KNOW?  
Spiny Water Fleas  
only have one eye!



Isaac DeCarlo  
8<sup>th</sup> Grade -  
Hurley School  
District  
3<sup>rd</sup> Place →  
Winner



***Special Thanks to all the those who participated in the 2014 Northwoods' Aquatic Invasive Species Contest.  
Without the support and involvement of Teachers/Aides, Public School District Administrative Staff, Home, Charter and  
Parochial Schools' Staff, our 2014 Partners, Land & Water Conservation and Aquatic Invasive Species Staff, Parents, Judges, Participating  
Media Outlets, Local and District Libraries, the DNR, and the Community, this contest would not be a successful event.  
Only with the collective commitment from all of us will this and future events allow us to:***

**Live, Work, Grow and Learn Together**





Conservation & UWEX  
Education Committee  
Tom Rudolph, Chair  
Bob Mott, Vice  
Scott Holewinski  
Jim Intrepidi  
Robb Jensen  
Clint Zimbeck, FSA  
Members



Conservation & UWEX Education Committee  
Land & Water Conservation Department  
Oneida County Courthouse  
1 S Oneida Street, 2<sup>nd</sup> Floor  
PO Box 400  
Rhinelander, Wisconsin 54501  
Phone (715) 369-7835  
Fax (715) 369-6268

Jean Hansen  
County Conservationist

Michele Sadauskas  
AIS Coordinator

Kerri Ison  
Administrative Assistant

May 14, 2014

FOR IMMEDIATE RELEASE

TO: Local Area Media

FROM: Michele Sadauskas  
Oneida County Aquatic Invasive Species Coordinator  
Phone: 715-369-7835  
Email: [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us)

**3<sup>RD</sup> ANNUAL NORTHOODS AQUATIC INVASIVE SPECIES (AIS) POSTER CONTEST  
WINNERS ANNOUNCED**

The Oneida County Land & Water Conservation Dept. (LWCD) and Lumberjack Resource Conservation Development Council in partnership with Ashland, Douglas, Florence, Forest, Iron, Langlade, Lincoln, Price, and Vilas County Conservation Departments, wish to announce the winners of the *3rd Annual Northwood's Aquatic Invasive Species (AIS) Poster Contest*. Because AIS does not recognize county lines, the AIS Poster Contest was open to any student in fourth through eighth grades. Integrating AIS into science and biology classrooms is the perfect way to inspire young stewards of our lakes and rivers.

Medallions were awarded for first, second and third places, with ribbons provided for those students who received honorable mention. A classroom celebration was also held for each first place winner. Additionally, winning entries will become part of a traveling art exhibit and an AIS poster calendar will be designed for distribution throughout the Northwood's.

**CONGRATULATIONS TO THE WINNERS AND THEIR TEACHERS:**

**Grades 4-5 Winners**

1<sup>st</sup> Place: Reagan Hartman Grade 4 Central Intermediate School, Rhinelander  
2<sup>nd</sup> Place: Elise Tesch Grade 4 Central Intermediate School, Rhinelander  
3<sup>rd</sup> Place: Jeanna Lindquist Grade 5 Mellen School District, Mellen

**Grade 6-7 Winners:**

1<sup>st</sup> Place: Carleene Morien Grade 6 James Williams Middle School, Rhinelander  
2<sup>nd</sup> Place: Emma Moore Grade 6 Northwestern Middle School, Poplar  
3<sup>rd</sup> Place: Caitelyn Worth Grade 6 Northwestern Middle School, Poplar

**Grade 8 Winners:**

1<sup>st</sup> Place: Alex Nellessen Grade 8 Hurley School District, Hurley  
2<sup>nd</sup> Place: Alexis Swanson Grade 8 Hurley School District, Hurley  
3<sup>rd</sup> Place: Isaac DeCarlo Grade 8 Hurley School District, Hurley

**Grades 4-5 Honorable Mention:**

Annika Johnson Grade 4 Central Intermediate School, Rhinelander  
Mariah McCue Grade 4 Central Intermediate School, Rhinelander  
Kyle Morien Grade 4 Central Intermediate School, Rhinelander  
Kylee Hewitt Grade 4 Hurley School District, Hurley  
Audrey Schiek Grade 4 Nativity Catholic School, Rhinelander  
Jaden Shaver Grade 5 Central Intermediate School, Rhinelander  
Sienna Webber Grade 5 Central Intermediate School, Rhinelander  
Pyper Evensen Grade 5 Christ Lutheran School, Eagle River  
Mia Case Grade 5 Creative Minds, Minocqua  
Alysa McKinney Grade 5 Elcho School District, Elcho  
Mollee Gruszynski Grade 5 Elcho School District, Elcho  
Lena Symonds Grade 5 Home School  
Alexes Batiste Grade 5 Lac du Flambeau Public School, Lac du Flambeau  
Emily Gregesich Grade 5 Northwood's Community Elementary, Rhinelander  
Shyla Wickham Grade 5 Northwood's Community Elementary, Rhinelander

**Grades 6-7 Honorable Mention:**

Justin Orme Grade 6 Northwestern Middle School, Poplar  
Hunter Fronek Grade 6 White Lake School, White Lake

**Grade 8 Honorable Mention:**

Tori Anderson Grade 8 Hurley School District, Hurley  
Aiyana Nickel Grade 8 Hurley School District, Hurley  
Karissa Recla Grade 8 Hurley School District, Hurley

X X X