

**Oneida County Aquatic Invasive Species Control Grant:  
Education, Prevention, & Planning**

**Final Report**

*Grant/Project Number: AEPP-373-13*



Prepared for:  
**Wisconsin Department of Natural Resources**

Prepared by:  
**Michele Sadauskas**  
*Oneida County Aquatic Invasive Species Coordinator*  
*Oneida County Land & Water Conservation Department*

## **Sponsor**

**Oneida County Land & Water Conservation Department**

## **Project Title**

**Oneida County AIS Prevention & Control:  
Education, Prevention, & Planning**

## **Project Number**

**AEPP-373-13**

## **Oneida County Land & Water Conservation Department Staff**

Jean Hansen, Conservation Specialist  
Michele Sadauskas, Aquatic Invasive Species Coordinator  
Jonna Jewel, Administrative Assistant

## **Oneida County Conservation/ UWEX Education Committee**

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

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## **INTRODUCTION:**

This report provides documentation of the accomplishments achieved under AIS Control Grant AEPP-373-13 by the Oneida County Land and Water Conservation Department (LWCD). The grant was awarded to Oneida County by the Wisconsin Department of Natural Resources (WDNR), and the original project period, within the contract, was between October 1, 2012 and December 31, 2013. However, an extension was granted by the WDNR on November 4, 2013, and the new ending date of this project was set for June 30, 2014. This report also serves as the "Final Report" identified as a deliverable in the grant agreement.

The LWCD thanks the WDNR for their continued support of the County's AIS program. With assistance from the WDNR AIS control grant program, Oneida County has been able to develop an active and very successful local AIS program. Our program helps protect our invaluable water resources, creates a stronger and more connected community, and works towards a brighter future for our entire state. Without financial support from the WDNR grant program, Oneida County's AIS program efforts would be severely limited.

The concept of this project focused on collaborating and coordinating with interested entities working to protect our water resources within Oneida County. Along those lines, the project undoubtedly contributed to raising public awareness about AIS through a variety of different program activities described below.

This project was overseen by the Conservation/UWEX Education (CUW) Committee, with day-to-day activities developed and administered by Michele Sadauskas, AIS Coordinator. Additional support provided by Jean Hansen, Oneida County Conservationist, Kerri Ison, Administrative Assistant, and Jonna Jewell, LTE Administrative Assistant.

## **PROJECT OBJECTIVES AND BUDGET:**

The following includes a list of objectives, along with the monetary allocation originally budgeted (parentheses) for completion of Oneida County's AIS Control Grant (AEPP-259-11).

- 1A. One Land & Water Conservation Department (LWCD) staff and one Conservation/UWEX Education (CUW) Committee member's attendance at the 2013 Wisconsin Association of Lakes Convention. (\$1,298.00)
- 1B. Staff attendance at the Oneida County Lakes & Rivers Association (OCLRA) meetings. (\$126.00)
- 1C. LWCD staff attendance at AIS Coordinator meetings, local lake fairs, and miscellaneous AIS-related meetings. (\$838.00)
- 1D. Partner with management agencies, scientific organizations, and academia. (\$640.00)
- 2A. Hire three limited term employees (LTE's) for education and fieldwork. (\$35,950.00)
- 2B. Distribute and install AIS educational materials. (\$1,355.00)
- 2C. Host two Clean Boats, Clean Waters (CBCW) workshops. (\$890.00)
- 2D. Host one Citizen Lake Monitoring Network (CLMN) workshops. (\$1,006.00)
- 2E. Present to schools to promote prevention of AIS. (\$508.00)
- 2F. Purple Loosestrife biocontrol project and workshop. (\$349.00)
- 2G. AIS training workshop for resource professionals and educators. (\$253.00)
- 3A. Create and distribute a bi-annual AIS newsletter. (\$185.00)
- 3B. Explore avenues and possible partnerships to initiate the Oneida County AIS Strategic Plan. (\$0.00)
- 3C. Continue to write AIS updates and distribute them via the 'lakes contact list'. (\$0.00)
- 3D. Continue to update and improve Oneida County's AIS blog (\$0.00)
- 3E. Host an awards ceremony and partnership meeting. (\$700.00)
- 3F. Student poster/photo contest. (\$545.00)
- 3G. Print and distribute an aquatic native plant awareness brochure (\$75.00)
- 4A. Monitoring for invasive species (\$1925.00)
- 4B. Assist WDNR with point-intercept survey (s) and GLRI early detection monitoring. (\$160.00)
- 5A. Assist agencies and associations in restoration of ecosystems. (\$340.00)
- 5B. Support educational outreach materials for restoration (\$60.00)
- 5C. Compile information on restoration and rehabilitation efforts. (\$50.00)
- 5D. Extra activities and/or purchases. (\$252.78)

A complete description of accomplishments, along with the associated purchases within each project objective, are found in the following, respectively-marked tabs. Tab 5D represents extra activities and/or purchases that were not initially planned for in the grant application, but were approved afterward.

**1A. One Land & Water Conservation Department (LWCD) staff and one Conservation/UWEX Education (CUW) Committee member's attendance at the 2013 Wisconsin Lakes Association Convention (\$1,298.00)**

The Oneida County AIS Coordinator and one CUW Committee member attended the 2013 Wisconsin Lakes Association Convention.

Conference fees of \$300.00 and lodging of \$420.00, totaling \$720.00 were realized.



35<sup>th</sup> Annual

# 2013 WISCONSIN LAKES PARTNERSHIP CONVENTION *Agenda*



**WE'RE ALL IN THIS TOGETHER**  
*Celebrating Diversity*

**1B. Staff attendance at Oneida County Lakes and Rivers Association (OCLRA) meetings. (\$126.00)**

The Oneida County AIS Coordinator and/or staff member attended a number of OCLRA meetings throughout 2013. Copies of agendas have been included.

Minor expenses for printing (appendix G) and mileage (appendix E) were incurred.

attended 12-12

**ONEIDA COUNTY LAKES & RIVERS ASSOCIATION, INC.  
BOARD OF DIRECTORS MEETING  
AGENDA**

**DATE:** MONDAY, DECEMBER 9, 2013      **TIME:** 6:30 P.M.

**LOCATION:** FORMER RESTAURANT AREA (UPSTAIRS)  
RHINELANDER/ONEIDA COUNTY AIRPORT

**AGENDA:**

- ✓ 1. Call to order.
- ✓ 2. Approve agenda.
- ✓ 3. Reading and approval of Board minutes.
- ✓ 4. Communications.
- ✓ 5. Reports of Standing Committees:
  - a. Treasurer's report: Income \_\_\_\_\_ Bills: \_\_\_\_\_ Bank Balance: \_\_\_\_\_
- ✓ 6. Old business:
  - a. Results of the SPO work team.
  - b. Results of the bylaws work team meeting. \* SAT. Jan 18  
9-1 Strategy \*
- ✓ 7. New business:
  - a. New deadline (and our strategy) for NR115 Shoreline Protection Ordinance completion. building
  - b. Other issues from Board members.
8. Date for next meeting.
9. Adjournment.

**Michele Sadauskas**

Attended  
6-22 OCLRA

annual Meeting

**From:** "Bob Mott" <bobmott329@msn.com>  
**To:** "Michele AIS Coordinator" <msadauskas@co.oneida.wi.us>  
**Sent:** Friday, May 31, 2013 8:00 AM  
**Subject:** FW: OCLRA Annual Mtg Agenda Draft  
 Michele,

In a previous email you had mentioned that you would not be able to speak on the 22nd - OCLRA's Annual Meeting. You did say that you had an assistant who would be willing to speak. That would be great.

Here is the agenda for that meeting. I would think that a 15-20 minute overview of the AIS problem and the work being done in Oneida County would be great for our audience.

I am not sure how large that audience will be - we are hoping 15-20 people.

Let me know what you think.

Bob

---

Date: Thu, 30 May 2013 08:08:40 -0700

From: kvicmart@newnorth.net

Subject: OCLRA Annual Mtg Agenda Draft

To: norrisross@frontier.com; kathynoel@gmail.com; bobmott329@msn.com; crescentview@charter.net; boismens@newnorth.net; billjaeger@frontiernet.net; tbrown@co.oneida.wi.us; Hoppe@newnorth.net; rhagge@newnorth.net

Here are the items for the agenda as I remember them. Please edit or reformat as you see fit. Bob Martini. 1.) Welcome and introductions Bob Martini 2.) Election of board members 3.) Approval of revised bylaws Norris Ross 4.) Minutes of the 2012 Annual Meeting Connie Anderson 5.) Treasurer's report Rob Hagge 6.) President's Report Bob Martini 7.) AIS Report Michelle Sadauskas 8.) Issues From OCLRA Members 9.) Keynote Address: "Squash Lake AIS Control" Stephanie Boismenuue (Steph, please add your preferred title) 10.) Adjournment Note; Our thanks to Art Start, Inc. for the use of their facility on the opening weekend of their latest exhibit, "The Art of Hunting and Fishing".

Dec. 3-4-5-6  
OFF

MON  
Dec 3

8-8:45

12.75

working lunch

- attended VWEX-LW committee

- attended OCLRA Meeting

- worked on presentation for our committee. It was my month to give report.

- talked with Michael LaGoo regarding a possible phragmites report. This may be in Ular, but I will check location on way home to confirm. If so will talk with Ted Ritter.

- caught up on emails

Fri.  
Feb 15

7:45 - 8:30  
1/2 hr. lunch (12.25)

MON.  
Feb 18

work on survey

on Doyle fishing tabled event

s about in out

12.

ate

- attended OCLCA meeting. Very good! They worked on goals baby steps, and where to go 1st. Will work on getting our meeting summaries to me, web, and their mailing list. 2 hour meeting

- worked + sent out Ais update. New format takes a bit more time, but is well-liked. Bill Diskrow helped me reduce file size... print to file in Adobe. Works wonderful!

- caught up on emails

- worked on updating a contact list that was sent to me by Vilas County News Review. This took some time. Will save list for future reference

- did 360 review for Erica

**1C. LWCD staff attendance at AIS Coordinator meetings, local lake fairs, and miscellaneous AIS-related meetings. (\$838.00)**

The Oneida County AIS Coordinator and/or Team have attended the following events from January 1, 2013 through December 31, 2013.

W.H.I.P. invasive meeting-	January 18, 2013 (Eagle River)
CBCW refresher workshop-	January 23, 2013 (Stevens Point)
Lakes Partnership meeting-	February 21, 2013 (Boulder Junction)
W.H.I.P. annual meeting-	February 26, 2013 (Eagle River)
NR 40 listening session-	March 12, 2013 (Rhineland)
AIS spring coordinator meeting-	April 30, 2013 (Stevens Point)
Lakes team spring meeting-	May 28, 2013 (Rhineland)
Lac du Flambeau Lakes Fest-	June 22, 2013 (Lac du Flambeau)
Aquatic plant workshop-	June 25, 2013 (Kemp NR Station)
Hazelhurst AIS Lake Fest-	June 29, 2013 (Hazelhurst)
Oneida County Fair-	August 3, 2013 (Rhineland)
W.H.I.P. invasive meeting-	August 16, 2013 (Eagle River)
North Central L& W summer tour-	August 23, 2013 (Rhineland)
Minocqua/Kawaguesaga LPA Pig Roast-	August 31, 2013 (Minocqua)
Lakes team fall wrap-up meeting-	October 14, 2013 (Rhineland)
AIS Coordinator's fall meeting-	October 29-30, 2013 (Stevens Point)

The AIS team attended over 12 different lake association and/or town lakes committee meetings. These meetings were opportunities for the AIS team to introduce themselves, update associations/committees in which Oneida County and the WDNR were actively involved, and were excellent forums to exchange ideas, information, and program goals. Many times the AIS Team attended multiple meetings for a particular organization due to current projects or for providing additional technical assistance. Meeting agendas have been included as documentation.

**Expenses included:**

State AIS Spring Meeting—Stevens Point, WI

Lodging: \$70.00

Mileage: \$83.70 (Appendix E)

State AIS Fall Meeting—Stevens Point, WI

Lodging: \$140.00

Mileage: \$83.70 (Appendix E)

W.H.I.P. annual partnership meeting-Eagle River, WI

Registration: \$28.00

North Central L&W summer tour-Rhineland, WI

Registration: \$30.00

Attended

# Wisconsin Headwaters Invasives Partnership

## 2013 Annual Partner Meeting



**DATE:** Tuesday February 26<sup>th</sup>

**TIME:** 9am-12pm

**LOCATION:** Trees for Tomorrow, Natural Resource Specialty School  
519 Sheridan Street East  
Eagle River, WI 54521

### AGENDA

- ✓ 9:00 am Welcome & Introductions (Ted Ritter)
- ✓ 9:15 am Overview of all the Invasive Species Cooperatives in Wisconsin (Ted Ritter)
- ✓ 9:45 am WHIP History and Project Overview (Melissa Simpson)
- ✓ 10:05 am Break & Networking
- ✓ 10:20 am Fundraiser Internship in partnership with Trees for Tomorrow (Maggie Bishop)
- ✓ 10:30 am Wisconsin DNR County Forest Invasives Survey (Colleen Matula)
- ✓ 11:00 am Group Discussion
  - Each partner provide a 5 min. overview of their work with invasives
  - What can each partner do for WHIP?
  - What can WHIP do for their partners?
- 11:50 am Election of Officers (Ted Ritter)
- 12:00 pm End of meeting/ Optional \$5 Lunch and Networking at Trees for Tomorrow Cafeteria

Can we get the <sup>A13</sup> blog as a link on WHIP website?

Attended FEB 21 only

**Lake Partnership Team Meeting  
Trout Lake Station  
February 20-21, 2013**

**Theme:** Review of 2012, accomplishments, issues that need addressed and present work plans, initiatives and directions for 2013-15;

**Goal:** Inform the Partnership of activities future directions. Identify what members can do to help move things forward.

**Wednesday 20<sup>th</sup>**

**10:30 AM**

1. Introductions  
Gather and discuss agenda

**11:00**

2. Trout Lake Station - Noah Lottig  
What goes on here?
3. Evaporation Research and Lake Levels - Ken Morrison  
Recent Research

**Noon - Lunch (Catered)**

**1:00 PM**

4. AIS Prevention & Control - Van Egeren, McFarlane  
Directions and guidance update
5. Aquatic Plant Management - Provost
  - a. Permit Stream-lining
  - b. Training
  - c. Program Review
6. Lake Data / SWIMS
  - a. *New!* Lake Viewer demo - Wiese
  - b. Updates discussion

**2:30 Break**

**3:00**

7. Lake Research - Nault  
Research highlights and directions in Science Services
8. Lake Leaders - Becken  
Advanced session planning
9. Other

**Adjourn 4:30 6:00** - Carpool to Winter Park, Minocqua Skiing, Skating, Dining

**Aquatic Invasive Species Coordinator Meeting**  
**UW Stevens Point- University Center, Laird Room North**  
**Tuesday, April 30th, 2013**  
**9:30AM-4PM**

9:30-9:40

✓ **Introductions**

9:40-10:10

✓ **Spiny Water Flea Research (UW-CFL)- Jake Walsh**

10:10-10:40

✓ **SWIMS improvements/Customized AIS maps- Jennifer Filbert**

10:40-11:15

✓ **Statewide AIS Initiatives- Office Hours - All**

- CBCW-Erin McFarlane
- Wetlands/PL Biocontrol- Brock Woods
- Project RED- Laura MacFarland
- Draining Campaign/Observational Study/Bait Shop Project- Deborah Seller
- CLMN/Statewide Monitoring-Laura Herman, Erin Vennie-Vollrath, Maureen Ferry
- Youth Education Initiatives/AIS Group Checks/Water Guard- Christal Campbell
- AIS Fishing Tournament Outreach (Sea Grant)- Tim Campbell
- AIS Budget Initiative/Asian Carp/Everything AIS- Bob Wakeman

11:15-11:45

✓ **AIS SCUBA Survey - Christina Wolbers**

11:45-12:15

✓ **Successful AIS Outreach Efforts aimed at Pet owners - Todd Verboomen, Tim Campbell, and Jamie Kozlowski**

12:15-1:15

✓ **Lunch (provided)**

1:15-1:45

✓ **AIS Law Enforcement Partnerships - Diane Schauer and Andrew Karleigh**

1:45-3:45

✓ **Implementing Decontamination in WI**

- research and decon models- Decon Policy Team (1:45-2:15)
- questions (2:15-2:30)
- **BREAK (2:30-2:45)**
- small group implementation activity (2:45-3:15)
- group summaries (3:15-3:45)

3:45-4:00

✓ **Wrap-Up**

- Fall meeting plans - workshop format

→ offence / defense approach  
    ↑  
    shielding

Florence County  
 Robert ~~AIS~~ Coordinator (started Wed)  
 Ryan (started Fri)

Logan + Katrina } DNR interns

**Lakes Team Spring Meeting - May 28, 2013**  
**Rhineland Service Center (9:30-2:30) - Conf Rm 1**  
**AGENDA**

\* June 3-4  
 start middle  
 of June  
 for WVIC  
 positions  
 (CISCW +  
 monitoring)

- 9:30-9:45 Introductions and agenda repair
- 9:45-10:30 Lakes/AIS Program Discussion/needs/coordination

June 10 9 AM 2:30  
 disinfection protocols  
 AIS monitoring 16-17-18

AIS (aquatic invasive species)  
 -watercraft inspections/monitoring/tournaments/supplies (inspection and signage kits), sediment/concentration monitoring

LTT (long-term trends water quality sampling)  
 # of lakes/AIS monitoring/supplies

PI's (point-intercept aquatic plant surveys)  
 -as part of early response - none yet - vouchers (need to discuss this)  
 others - Rainbow (Oneida), Willow (Oneida), High (Vilas), Musser (Price), Allequash (Vilas), LTT lakes?, others?

CLMN (citizen lake monitoring network)  
 # of volunteers/supplies, County role in helping with CLMN

APM (aquatic plant management)  
 # of permits/administration/supplies  
 -Michelle DeBrock Owens from WDNR Environmental Enforcement will give a brief presentation on the Environmental Enforcement program

Grants  
 # of AIS, LPL, and LPT/administration/plan reviews

Shoreland JEAN (any state property)  
 For shoreline restoration

Boat and gear disinfection  
 Latest guidelines/supplies/equipment

Displays/Presentation/lake fairs

Public contacts/site visits  
 -overall demand (low water levels, AIS, aquatic plants, algae, other?)

10:30-10:40 Break

10:40-12:00 Lakes/AIS Program discussion continued...

12:00-12:30 Lunch

12:30-2:00 County, WVIC, Center for Limnology, GLIFWC Program Discussion/needs/coordination

2:00-2:30 Other items (needs/equipment/training?) - need to schedule a field training day - meeting wrap up

send schedule for P.I.'s over to Tim + Kevin

\* get the word out about water clarity to groups

Bolger?

that was best message from them?

\* send photo of AIS Board to Sandy/Laura also teacher/

Schedule CLMN workshop date, resource professional workshop. Email before end of summer

Attended 7-5-13  
SAT.

Main speaker

CALL TO ORDER

PROOF OF MEETING NOTICE

APPROVAL OF AGENDA

APPROVAL OF THE MINUTES FROM ANNUAL MEMBERSHIP MEETING HELD ON JULY 7, 2012

INTRODUCTIONS

Introduction of the board of directors

Welcome members & guests

OPENING REMARKS

INTRODUCTION OF SPECIAL GUESTS:

Town supervisor Steve Garbowicz

Chief of Police Scott Lea

FINANCIAL REPORT

ELECTION OF DIRECTORS FOR THE COMING YEAR

PLEA FOR WATER QUALITY VOLUNTEERS, FRED KNOCH

LAKE PLANNING (MAPPING) PROJECT EXPLAINED, NORRIS ROSS

INTRODUCTION OF Michele Sadauskas

Oneida County AIS Coordinator, AIS COORDINATOR FOR ONEIDA COUNTY

ONEIDA COUNTY NEW REGULATIONS DISCUSSED, DAVE HINTZ COUNTY SUPERVISOR.

QUESTIONS AND COMMENTS

CLOSING REMARKS

ADJOURNMENT

Youtube video on how to clean waders RIVER alliance

**Aquatic Invasive Species Fall Meeting**  
UW Stevens Point-University Center, Alumni Room (29<sup>th</sup>) and Laird Room North (30<sup>th</sup>)  
Oct 29-30<sup>th</sup>, 2013  
Tuesday, 10AM-5PM and Wednesday, 8AM-12PM

50-60 acre lake  
2.5-3 hrs

**Tuesday 10AM-5PM**

- 10:00-10:10 Welcome and Introductions 47 coordinators in state
- 10:10-10:35 Rapid Response Project- Yellow Floating Heart (L. Gordon)- John Preuss, Jenny Steltenpohl
- 10:35-10:55 AIS Statewide Monitoring Project-Maureen Ferry Black Earth Creek, NZMS
- 10:55-11:20 Partner Highlight- Golden Sands RC&D confirmed clone 1
- 11:20-11:35 Partner Recognition- All (Western states)
- 11:35-11:45 **BREAK**
- 11:45-12:05 Wisconsin's Wetlands Strategy- Brock Woods and Stacey Schumacher
- 12:05-12:30 Office Hours/Resource Sharing Table- All
- 12:30-1:15 LUNCH (provided)
- 1:15-1:30 Organisms In Trade Project-Next Steps- Chrystal Schreck
- 1:30-1:50 Review of 2013 Observational Study/Compliance Data Collection-Deborah Seiler
- 1:50-2:10 Clean Boats, Clean Waters Direction for 2014- Sandy Wickman/Christal Campbell
- 2:10-2:20 **BREAK** ID, removal + monitoring workshop
- 2:20-2:40 AIS Working Groups Introduction- Bob Wakeman
- 2:40-4:40 Break out- AIS Working Groups
  - Clean Boats, Clean Waters revisions/training implementation-Sandy Wickman/Christal Campbell
  - Wetland Mapping of Early Detection Species (emphasis-L. MI Phragmites)- Stacey Schumacher/Brock Woods
  - AIS Stream Monitoring- Maureen Ferry
  - Decontamination in WI- Erin Vennie-Vollrath/Deborah Seiler
- 4:40-5:00 **Wrap up**
  - plans for Wed
  - dinner

**WEDNESDAY 8AM-12PM**

- 8:00-8:15 Breakfast- Coffee/Pastries
- 8:15-8:35 AIS Coordinator Model- Bob Wakeman
- 8:35-10:00 Breakout into teams- AIS Coordinator Efforts (list existing efforts and suggest future priorities)
- 10:00-10:15 **BREAK**
- 10:15-11:15 Share results from teams and ideas for revised AIS Coordinator Position Description
- 11:15-12:00 Next Steps
  - OCUWEX pw hodag 715
  - \* training for self-sufficiency + lake group empowerment

**Michele Sadauskas**

**From:** <jcsnewbd@newboldtown.net>  
**To:** "Mike Barber" <mbarber@earthlink.net>; "JR Bartlett" <3811velvetlake@gmail.com>; "Sandy Ebben" <EbbenS@firstweber.com>; "Scott Eshelman" <scott.eshelman@gmail.com>; "Jeff Ewald" <whisperingpinelodge@frontier.com>; "Kim Gauthier" <Kgauthier@newboldtown.com>; "Bill Jaeger" <billjaeger@frontiernet.net>; "Dave Kroll" <dKroll@newboldtown.com>; "Connie Muckelberg" <littlepine@charter.net>; "Karyl Rosenberg" <karylfrosenberg@gmail.com>; "Michele Sadauskas" <msadauskas@co.oneida.wi.us>

**Sent:** Wednesday, December 18, 2013 12:27 AM

**Subject:** Lake Committee Agenda

**REGULAR MEETING OF THE TOWN OF NEWBOLD LAKES COMMITTEE AGENDA**

**FOR THURSDAY DECEMBER 19, 2013**  
**SPECIAL TIME 9:00AM**  
**NEWBOLD TOWN HALL, RT. 47 & APPERSON DRIVE**

**This agenda for this meeting is as follows**

- 1. Call to order**
- 2. Welcom and Introductions**
- 3. Approval of minutes—November 21, 2013**
- 4. Presentation from Mr. Kevin Gauthier on how you can boost your grant application.**
- 5. Lakes Association Report**
  - A. Lake Mildred**
  - B. Flannery/Velvet Lake**
  - C. Pickerel Lake**
  - D. Tom Doyle Lake**
  - E. Two Sisters Lake**
- 6. Discussion and possible action on future direction of the Lakes Committee.**
- 7. Administrative matters for review and discussion by the Lakes Committee, including future meeting schedules, agendas and project updates.**
- 8. Public comments and communication pursuant to Wisconsin Statutes whereby the Town Lakes Committee can discuss a matter raised by the public.**
- 9. Adjournment**

1/16/14

JAN. 16?  
Meeting  
may occur

**Jim Staskiewicz, Chairperson, Town of Newbold Lakes Committee**

**Notice is hereby given that pursuant to the Americans with Disabilities Act reasonable accommodations will be provided for qualified individuals with disabilities upon request. Please call the Town Clerk, Kim Gauthier at 715-362-1092 with specific information about your request allowing adequate time to respond to the request.**

**Notice is hereby given that a majority of the Town Board may be present at this meeting to gather information about a subject over which it has decision making authority. This constitutes a meeting of the Newbold Town Board. Pursuant to State ex rel. Badke v Greendale Village Bd., 173 Wis. 2d 553, 494 N. W. 2d 406 (1993), and must be noticed as such although the Newbold Town Board will take no formal action at these meetings.**

**Posted December 15, 2013**  
**By Jim Staskiewicz, Chairperson**

Nancy attended

Recap of Bolger Lake presentation  
June 29th, 11:00 am

Contact: Michael Heppel (board president) mheppel@frontier.com  
7855 Hixon Road

24 people in attendance.

Presentation took 45 minutes with discussion and questions.

I covered EWM 'invasion' and the surrounding lakes it is located in. This lake does not currently have a CBCW program in action at their landing, and the purpose of discussion was to decide if needed. I said I would come back for training if they decided to get it going.

I reviewed their lakes secchi readings. I talked about water testing and what it's purpose is, and what it tells us. Katie Roe, who is doing the secchi readings said she would do that also.

Discussed the brochure 'Protecting Your Waterfront Investment'

Nancy attended

Recap of Lake Thompson lake association meeting presentation  
June 28th, 5:30 - 8:30 pm  
Holiday Acres, Rhinelander, WI

Contacts: Paul Schreiber (board member, AIS coordinator for lake) 715-362-8990  
Frosty Smith (board president) 715-369-0520

52 attendee's

The outline of my presentation is located in separate document. This is brief summary of what I covered and what comments were made:

After introductions, I hold up a sample of EWM, then ask if anyone can tell me what it is. I then ask them if they can tell me where it is located on their lake. People are stunned for a minute, then someone usually says...'it isn't!!!!'...to which I answer 'that is correct...and we want to keep it that way'.

I discuss the ease at which zebra mussels traveled to our lakes, and the ease at which EWM can transfer to a lake. I tell them which surrounding lakes have EWM. I discuss the problems with EWM and chinese mystery snails.

I discuss ways to control and slow the spread. One of those ways is CBCW program. I talked about the details of that program. I also talk about their results from watercraft inspections from the previous year and the results of water testing from previous year. I am conducting CBCW training on Tuesday, July 2nd at 6:00 pm at the public boat launch on Lake Thompson.

I also covered the points in the DNR publication "Protecting Your Waterfront Investment".

Comments that came up at meeting:

- why aren't 'offenders' listed in the paper like OWI or seatbelt offenses. Maybe that would have impact on the severity of not complying with law?
- concern about changing their by-laws to comply with grant requirements.
- questions on if tribal members have to follow the same AIS laws

This presentation was 1 hour with lots of questions

Lake Association Pig Roast at Torpy Park in Minocqua, August 31, 2013 /

This was a really fun event to be part of. We arrived there at 9am to set up our table, which was way too early. It took about 5 minutes to put the table together and then we were in everyone's way until 10:30. They did not need any help setting up their displays and kind of wanted us out of their way, so we sat on the side.

For our display we brought; pencils, notepads, EWM/NM brochures, PL brochures, Shoreline Restoration information, bobbers, the two flags, a table and chairs, both shells and live specimens of Chinese Mystery Snails and Banded Mystery Snails, and shells of Brown Mystery Snails and Zebra Mussels. The snails were a hit and no one identified the CMS or BMS as invasives and all have seen the CMS.

There were more than 100 people that walked through the event and at least a third interacted with us. Many came seeking us to answer questions on PL or EWM. Everyone was pleasant and had a good base of knowledge on the subject already. They really focus on EWM between the two lake associations there.

The lake association members interacted with us quite a bit and were very nice and welcoming.

# Hazelhurst Lake Fair 6-29-13

**Michele Sadauskas**

Thank You

**From:** "Fred Felix" <bluelake73@gmail.com>  
**To:** "Barry Klatt" <kaubman@hotmail.com>; "Betty Cushing" <hazelwi@frontier.com>; "Betty Cushing" <tebe2506@frontier.com>; "Bill Bowden" <w.bowden4090@gmail.com>; "Bill Farmer" <cesfarmer@aol.com>; "Bruce Peterson" <mclake2@gmail.com>; "Cara Wanserski" <cwanserski@co.oneida.wi.us>; "Chris Briquet" <chrisbriquet@yahoo.com>; "Dean Brandow" <junesplayhouse@frontier.com>; "Dennis Deboer" <dmdboer72@aol.com>; "Evonne Harr" <ejharr12@gmail.com>; "Fred Felix" <bluelake73@gmail.com>; "Harland Lee" <leenorthwoods@frontier.com>; "Jack Wade" <jackwade1@frontier.com>; "Jim & Sherral Eshelman" <sherrale@comcast.net>; "Jon Hollander" <skilk17@sbcglobal.net>; "Michele Sadauskas" <msadauskas@co.oneida.wi.us>; "Mick Toben" <mickt@wnwinc.com>; "Myron Doman" <bdoman2@frontier.com>; "Nancy Socha" <njsocha@juno.com>; "Ned Greedy" <edgreedy@gmail.com>; "Ralph Graveen" <bigeyes4247@gmail.com>; "Rob Hagge" <rhagge@newnorth.net>; "Robert Coleman" <colemandeal@hotmail.com>; "Steve Zickert" <widgeon69@me.com>; "Tom Casadonte" <tcasadon@excel.net>; "Tom Collier" <tcollier@frontiernet.net>; "Vincent Rose" <rosevincent4@gmail.com>; "Woody Hagge" <loonman@frontier.com>  
**Sent:** Monday, July 01, 2013 10:35 AM  
**Subject:** Hazelhurst Unified Lakes Group

Last Saturday was our AIS Fair at Lake Katherine Park. Despite uncooperative weather we had a good time and success educating about AIS. Michele Sadauskas and Cara Wanserski did an excellent job explaining to members and the public who stopped to see us.

A very Special Thank You to Michele and Cara for early morning rising to collect fresh samples of lake plants and snails to display. Visit their website, <http://www.oneidacountyais.com/our-team.html> to leave a personal thank you. You can also see them on facebook at ONEIDA COUNTY AIS. They hope you will "LIKE" their page to get notices of their work and successes.

Thanks to all members and interested lake lovers who stopped to say "Hello" and learn more about what is going on with AIS.

**1D. Partner with management agencies, scientific organizations, and academia. (\$640.00)**

In 2013 and 2014, the Oneida County AIS team had multiple opportunities to partner with management agencies and academia.

During the 2013 field season, the Oneida County AIS Coordinator continued to serve as the coordinator for installing WDNR signage at boat landings throughout the county. Nine new signs were installed at local landings. Landings at Hodag, Spruce, Pelican (Keelers Landing), Ginty, Rocky Run Flowage, Horsehead, Creek, Rhinelander Flowage (Surf Dr.), and Moen Lake received updated WDNR signs.

The AIS team also worked with local and regional partners on many projects. Our team assisted in GLRI monitoring on Mud, Thompson, Hodag, and Big Stone Lakes. We also provided assistance with point-intercept field work on Willow Flowage (three days). A collaboration between Ted Ritter (Vilas County Invasive Species Coordinator) and Michele Sadauskas (Oneida County AIS Coordinator) resulted in the creation and distribution of fishing license holders to baitshops throughout Oneida and Vilas counties. The license holders carried the 'Inspect, Remove, Drain, Never Move' message and urged anglers to report invasive species.

Additionally, Oneida County participated in the '4<sup>th</sup> of July Landing Blitz', 'Draining Campaign', and a CBCW Observation Study that was led by Deborah Seiler. This study was conducted over multiple weekends at Sand/Dam Lake, Stacks Bay (Lake Minocqua), and the Rainbow Flowage.

Some mileage was incurred for the above projects (Tab 2A and appendix E).

**Expenses:**

License holders	\$563.26
-----------------	----------

ONEIDA COUNTY LWCD  
715-369-7835 • masdanskas@co.onida.wi.us  
VILAS COUNTY LWCD  
715-479-3738 • teritt@co.vilas.wi.us

Report It!

Spot It!

## Partnering With YOU To Stop Aquatic Hitchhikers!



Onida and Vilas  
County Land & Water  
Conservation Departments



### Together

we can prevent the spread of  
Aquatic Invasive Species!

- INSPECT** boats, trailers and equipment.
- REMOVE** all attached aquatic plants & animals.
- DRAIN** all water from boats, vehicles & equipment.
- NEVER MOVE** plants, animals or live fish away  
from a waterbody.

Onida County LWCD Website:  
[www.onidacountyais.com](http://www.onidacountyais.com)

Vilas County LWCD Website:  
[www.vilasconservation.org](http://www.vilasconservation.org)



**STOP AQUATIC  
HITCHHIKERS!**

Prevent the spread of Invasive species.  
Clean all recreational equipment.

Funded by WDMR Grant, AEPF-573-13

ONEIDA COUNTY LWCD  
715-369-7835 • masdanskas@co.onida.wi.us  
VILAS COUNTY LWCD  
715-479-3738 • teritt@co.vilas.wi.us

Report It!

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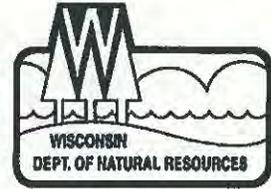
**STOP AQUATIC  
HITCHHIKERS!**

Prevent the spread of Invasive species.  
Clean all recreational equipment.

Funded by WDMR Grant, AEPF-573-13

**State of Wisconsin**  
**DEPARTMENT OF NATURAL RESOURCES**  
101 S. Webster Street  
Box 7921  
Madison WI 53707-7921

Scott Walker, Governor  
Cathy Stepp, Secretary  
Telephone 608-266-2821  
Toll Free 1-888-936-7463  
TTY Access via relay - 711



July 15, 2013

Dear 2013 Landing Blitz Participant:

With the 2013 Landing Blitz just completed, I wish to thank you for making it the most successful one so far.

In fact, success barely begins to describe what your dedication has accomplished: in just two years, the Landing Blitz has grown from covering 90 lakes in 2011 to 290 lakes and rivers this year. All told, you were part of a movement of 168 partner groups in 54 counties! These partners included dozens of lake associations and lake districts, local, county, and tribal governments, non-profit groups, scout troops, businesses, and the University of Wisconsin system all with a stake in passing on a healthy lake and Wisconsin's "good life".

Early reports tell of the popularity of the promotional towels and ice packs and the goodwill they engender. But the real success comes from each of you working with boaters to better understand the threat aquatic invasive species pose and, more importantly, what boaters can do to arrest the spread. Persuasive, one-on-one contact is the most effective way to stop the spread of AIS, and we couldn't achieve this sea change without your outpouring of support.

I wish to thank Mike Putnam and John Clementi for making this year's event another success. Mike has been our "Landing Blitz Master" for the last two years. He makes the contacts, puts in the orders for materials and tracks the progress of the event. Without Mike's hard work before the event there wouldn't be much to report on afterwards. John makes sure your publications, Clean Boats and Clean Waters apparel and towels got to you in time. John is the Department's Inventory Control Assistant and does a fantastic job of getting material to our partners. If you have a minute please thank both Mike and John for their excellent work. [Michael.Putnam@wisconsin.gov](mailto:Michael.Putnam@wisconsin.gov) and [John.Clementi@wisconsin.gov](mailto:John.Clementi@wisconsin.gov)

Thank you for again making the Landing Blitz a success. We hope to see you again next year!

Sincerely,

Bob Wakeman  
Wisconsin AIS Coordinator

Cc: Cathy Stepp, WDNR Secretary  
Ken Johnson, Water Division  
Susan Sylvester, Bureau of Water Quality

# Sign installation 2013

8/25/2013 8:00 AM	Ginty Lake -- Access	THERESE HUBACHER	<a href="#">Details</a>
8/19/2013 9:00 AM	Rocky Run Flowage -- Access	THERESE HUBACHER	<a href="#">Details</a>
8/14/2013 9:00 AM	Creek Lake -- Access	THERESE HUBACHER	<a href="#">Details</a>
7/28/2013 6:00 PM	Moen Lake -- Access at Lakeshore Dr	Nancy Sattler	<a href="#">Details</a>
7/13/2013 4:30 PM	Rhineland Flowage -- Access at Surf Dr	THERESE HUBACHER	<a href="#">Details</a>
7/13/2013 1:00 PM	Horsehead Lake -- Access	THERESE HUBACHER	<a href="#">Details</a>
7/13/2013 11:00 AM	Spruce Lake -- Access	Cara Wanserski	<a href="#">Details</a>
7/11/2013 3:00 PM	Pelican Lake -- Keelers Landing - Cth Q	THERESE HUBACHER	<a href="#">Details</a>
6/25/2013 3:00 PM	Hodag Lake -- Access	THERESE HUBACHER	<a href="#">Deta</a>

# Pi surveys

regarding hand pulling with scuba divers, and answered any other questions that he had regarding the two. Afterwards, we went back to the office and I updated social media, downloaded pictures from the past week, watered/checked on the PL plants, shopped around on the internet for our pens and pencils, and cleaned up the office a little bit.

7/10/13 Wednesday- Started in the office with Therese where we caught up on entering our CBCW data and data organizing things. We then packed up the vehicle and went to put out our Purple Loosestrife plants into the field because the beetle larvae were ready! We placed the larvae at Quality Inn, Hatchery, Stacks Bay, Big Carr, and Little Carr. While we were at Big Carr we conducted a snorkel survey. We found Chinese Mystery Snails that were not previously identified at the lake. We will be giving the snails to the DNR to validate.

7/13/13 Saturday - CBCW @ Oneida Lake, Horsehead and Willow. I met up with Therese at Horsehead and we located the private landing together and installed an AIS sign.

7/15/13 Monday - Michele, Therese, and I helped Lone Stone lake association members hand pull EWM until about 2pm. Afterwards Therese and I took down our 'real estate' signs in Three Lakes and at Hodag Park. We also placed another PL plant with beetles out in the field and tracked the location.

7/16/13 Tuesday - Michele and I were in the office today. I entered all the Lake Katherine data into the workbook. I then helped Michele with odds and ends-making pontoon reservation for upcoming workshop, ran to courthouse to drop off paperwork and GPS unit, tried to release beetles but I was unable to find any PL at location, and I caught up on entering mine and Lake Julia's SWIMS data.

7/17/13 Wednesday- Therese and I went out into the field today. We surveyed for invasives at 3 lakes- Nose Lake, Two Sisters Lake, and Tom Doyle Lake. We found and collected mystery snails at all three locations through snorkeling. We also canoed around the entirety of Nose Lake. We stopped at released PL beetles at a new designated location on Channel Road. In addition, we checked the signage on Spider Lake and checked out a reported new Purple Loosestrife stand from Nancy (it was Pickerel Weed).

7/20/13 Saturday - Observation CBCW @ Rainbow Flowage with Therese.

7/22/13 Monday - I assisted the DNR (Tim P.) with the PI survey on the Willow Flowage.

7/24/13 Wednesday - I assisted the DNR (Tim P.) with the PI survey on the Willow. We finished the survey in the early afternoon. After we were completed I came back into the office where I worked on paperwork, our sign for the fair, I watered our PL

# Pi survey, GLRI monitoring

Nokomis locations are much lower than 2 weeks ago. Hancock Lake landing area is full of lily pads now.

## 7/20/13 to 7/26/13

Saturday, July 20th

Carr for CBCW, checked on new volunteer staff at Mid Lake landing, Stacks for CBCW, office to make copies of CBCW forms, then to Crescent to cover their launch from 12 - 3 while the lake association volunteers were in a meeting. Talked with scuba divers at Crescent about cleaning their equipment properly after each lake use.

Tuesday, July 23rd

Went with Tim Plude from DNR, and Logan from Trout Lake to the Willow Flowage and did P.I. surveys.

Friday, July 26th

Spent time in office. Projects included: E-vite for Awards Dinner, press release for Northwoods Expressions, press release for CLMN, ordering pens/pencils for giveaways, modifying CBCW data form, EWM sign created for Manson, entered data in to SWIMS from previous weeks CBCW hours.

## 7/27/13 to 8/2/13

Saturday 7/27

Unseasonably cold and drizzly day. CBCW at Stacks and Indian Shores. Only 6 boats in/out the entire day. I asked the add-on question about how they transport their fish catch. Summary in separate report to Michele.

Thursday 8/1

Office day. Prep for the Fair. Work on pencil order. Visited beetle/loosestrife site to see progress. Also, went to Quality Inn and cut loosestrife blooms.

Friday 8/2

I spent the morning doing CBCW at Boom Landing. I tried to track down our missing boat buoys that were on the old pier. Many false leads and still have not located them! At noon I went to the Fair to 'man' the Land & Water booth. It was a slower afternoon, but it allowed me the time to talk with each interested party in depth. There was much interest in the purple loosestrife plants. I had one couple sign up for newsletter.

## 8/3/13 to 8/9/13

August 4th

Today I did CBCW at Stacks Landing to start then finished up at Indian Mound campground landing.

August 5th

I started with some CBCW at Julia and then on to Big Stone. I met up with DNR and Trout Lake people at 11:30 to conduct survey on Big Stone. It was pouring rain, and we were all soaked by 1 pm! We located areas of purple loosestrife on shorelines.

August 6th

I spent the day in the office with Michele. I worked on entering SWIMS data, following up on

# GLRI Monitoring

aggressive in his approach to boaters. Last I went to Lake Thompson. No pier and one parking spot for truck/trailer. Where do boaters park?? Kiosk up-to-date. I came back to the office and completed my weekly report from prior week and sent to Michele. I also entered in all the CBCW data in to SWIMS from previous week.

June 18th, 2013 (7:300 - 3:00)

I entered in all my CBCW hours in to spreadsheet and calculated where we were at for a team this summer. (295 CBCW hours in and 750 needed). I worked on the Manson Lake shoreline restoration project. Then Michele and I canoed on the Pelican River looking for Japanese Knotweed. A home owner very close to the river has a stand of it in their yard, and we were concerned that with run-off it may have migrated to the river. We did not find any on the riverbanks! Returned to the office to finalize Manson plans. Participated in final Northwoods Expression planning meeting which is this Thursday! Re-tied the beetle netting. I brought a kit to the home of the AIS coordinator for Lake Thompson. Spoke with him on the plans for their association meeting next Friday.

June 20th, 2013 (5:30 - 9:00)

Northwoods Expression event in Three Lakes. 16 attendee's total. Rained, so we moved inside gazebo and sat in a circle there. Almost everyone shared a story or poem. Despite the rain, we still were able to roast marshmallows and make s'mores!

## 6.22.13 - 6.28.13

Monday, June 24th: (8 - 9)

I spent time researching Manson Lake, which is where I'll be doing our Shoreline Restoration project tomorrow. I also assembled the packets of info I will be handing to homeowners, as well as the letter I will leave at the homes w/o contact. I created spreadsheet to document the addresses, names, email addresses, and comments of each homeowner I talk with.

Tuesday, June 25th: (8 - 3)

Manson Lake Shoreline Restoration project  
See attached summary, address sheet, and letter

Wednesday, June 26th: (12 - 1)

Recapped Manson lake project (one hour)  
Worked on presentations for Lake Thompspon, Nose, and Bolger

Thursday, June 27th: (7 - 3)

Mud Lake with DNR and volunteer. We meandered, did spiny flea net testing, d-net testing. Pulled mostly banded snails. No new invasives found. Volunteer (Abbey) is doing a paper for school on AIS, so it was interesting talking to her. Also spent 1.5 hours finishing presentations.

Friday, June 28th: (11:00 - 4:00 and 5:30 - 7:30)

CBCW at Boom  
Lake Thompson association meeting

# GLRI Monitoring

6/15/13 Saturday - CBCW/Draining Campaign at Willow Flowage. Therese and I did CBCW at the main landing and we also handed out ice packs and ice as part of the Draining Campaign. The ice and ice packs were well received. It was raining out most of the day so we did not get as much traffic as we would have liked.

6/16/13 Sunday - CBCW/Draining Campaign at Boom Lake (Hodag Park). Beautiful day! The boating traffic was slow in the beginning and really picked up around noon. There was a Walleye tournament on the lake and we caught many of the anglers as they came off the lake. Many really liked the ice packs. Therese and I also tried to catch crayfish with no luck. We shot some videos we needed for our upcoming Three Lakes Library presentation and then I finished the day in the office finishing up our power point for that presentation.

6/19/13 Wednesday - Michele, Therese, and I rented canoes and went to Stacks Landing where we worked on getting rid of the Yellow Iris. We canoed out into a bay and pulled and cut the iris and bagged it in garbage bags. The newspaper, Lakeland Times, and the news crew, Channel 12, were there and documented the experience. Therese and I collected Purple Loosestrife beetles from the area afterwards. Her and I then switched gears and went to the Three Lakes Public Library and hosted our presentation, "Malicious but Delicious."

6/20/13 Thursday - Therese and I hosted a program for the work experience students at Hodag Park. There were 7 students and one teacher that attended. John Pruess joined us, in Water Guard uniform, and assisted us teaching the kids about CBCW and the laws of the water (lifejackets, weeds, etc...). Afterwards Therese and I collected more Purple Loosestrife beetles (over 100!) I got back to the office, released the beetles into our plants, and packed some materials for Saturday.

6/22/13 Saturday - Lac Du Flambeau Lake Fest with Therese. Therese and I set up and worked a table at Lake Fest. It was great! We set up a display/game- "Guess Which is the Invasive." We set up a group of flowers (PL lookalikes and a Yellow Iris), tubs of aquatic plants (EWM, Clasp Leaf Pondweed, and Coontail), and an aquarium (tadpoles, Bladderwort, Chinese Mystery Snails, and mussels). Everyone seemed to really enjoy the tadpoles. We had a lot of great questions.

6/25/13 Tuesday - I met Jennifer from the DNR at Hodag Lake and her and I surveyed the lake. Afterwards I went back to the office and caught up on my SWIMS data entering. Michele and Therese were in and we planned out our next two weeks.

6/26/13 Wednesday - Therese and I attended a Plant ID Workshop at Kemp Station.

6/27/13 Thursday - Michele and I worked in the office in the morning. I got information ready for Saturday, updated social media, and uploaded pictures. I went to the DNR office to meet with Sandy to identify some plants. We then went and got a canoe from Mel's and proceeded to go look for plants for our presentation on

# GLRI Monitoring

chatted with him about his experiences at the landing and the surveys he had done on the WI River the previous week. He told us that the curly leaf pond weed can be found right off of the landing but that it had died back a few weeks ago. We dug up blue flag at my house and saw no difference in the tubers of yellow and blue flag. We went to Pioneer Park and finished our set up. The Fair started out slow but as the day progressed we had great interaction with all ages of Fair goers. The Purple loosestrife was a big draw. Several people stopped to share info on invasive they had seen.

## Sunday, August 4

Went to pick up the booth at the Fair around 2:30. They were releasing exhibitions at 4. When I arrived I found out the Fair was going until 6 pm. It was very busy and I had to park 3 blocks away. The informed me that I would be allowed to drive in and park near the tennis courts in order to load but all the flea market vendors would be also packing up and I would either park them in or they would park me in. I went home got a large garden cart and packed everything in it and hauled it down the street. Next year it might make more sense to pack up booth in the evening or on Monday morning.

## Monday, August 5 - Off

Tuesday, August 6 - Worked from home for 2.5 hours. Responded to Michele's emails and converted the documents that Cara had created in Notepad to Word documents and resent them to Michele. Completed weekly report and sent that to Michele.

Wednesday, August 7 Lake Thompson survey with Ryan of WDNR. We surveyed the shoreline including the 3 islands, took drag net samples and snorkeled the 3 landings and 4 points from previous year. There was an abundance of Chinese mystery snails and native brown snails. We needed to collect 30 which we did very easily. The lake also had a lot of mussels, especially at the landing.

Thursday, August 8 - Went to Channel Road to pull Purple loosestrife. Met up with Ed Weise who first identified and alerted us to the problem. On the way we stopped and picked up pot from beetles that we set on the corner of HWY 17 and A. On the way back to the office we stopped at Coolidge St. and removed more flower heads, then we went to find the plants that Michele had seen on HWY 17 S and bypass. We then went to quality Inn but realize that we would need more time to tackle that stand again but as we headed back to the airport we saw a patch on the corner of 8 and 47 and then some near the airport road, which we clipped.

Friday, August 9 - CBCW observation boater survey at the Willow with Cara. Located landing for the Rocky Run Flowage near cranberry marsh.

Saturday, August 10 - CBCW observations at Sand/Dam, Rainbow and Boom Lake. Sand/Dam was kind of crazy due to Polish Regatta and races. Couldn't really be inconspicuous after a while. Went to Rainbow and it was fairly quiet.

Fax: 715-365-2760  
msadauskas@co.oneida.wi.us

Original Message

From: Seiler, Deborah - DNR  
To: Michele Sadauskas (msadauskas@co.oneida.wi.us) ; Preuss, John A - DNR ; Ted Ritter (teritt@co.vilas.wi.us)  
Sent: Thursday, May 02, 2013 9:48 AM  
Subject: FW: UPS Shipment (Pickup) Notification, Tracking Number 401973832

Dear friends,

I was just contact by our ice pack supplier, and it seems an act of god has delayed the Rhinelander delivery date until Monday: For

John, do you know if tl to help?

Sorry to be the bearer Deborah

From: customerservic  
Sent: Thursday, May 1  
To: Seiler, Deborah L  
Subject: UPS Shipme

this notice alerts you that

Message

Shipment:

Status:

Status Date:

Status Definition:

Shipper:

Consignee:

www.oneidacountyais.com

Crawling Stone  
Oneida  
Tersey Flowage  
Shish burlack  
Berklin  
Squash  
Blue lake  
Botherant Schuur  
Indian Lake  
Cone Stone  
T.L. (3 landings)  
Mirocava (3 landings)

8 wardens  
3 LITE'S  
LK Nokomis  
Pelican

Crescent Swamp  
Lake George  
Men



Draining Annapaigu  
STOP AQUATIC  
HITCHHIKERS!

SHIPMENT HAS BEEN PICKED-UP.

IDM ENTERPRISES LLC  
SHIPPING  
315 LINCOLN CT  
FORT COLLINS, CO 80524

ONEIDA COUNTY UW EXTENSION

# Ice Packs ' Draining

**Michele Sadauskas**

**From:** "Seiler, Deborah L - DNR" <Deborah.Seiler@wisconsin.gov>  
**To:** "Michele Sadauskas" <msadauskas@co.oneida.wi.us>  
**Cc:** "john preuss" <johnpreuss@frontier.com>; "Campbell, Christal A - DNR" <Christal.Campbell@Wisconsin.gov>  
**Sent:** Thursday, May 02, 2013 10:45 AM  
**Subject:** RE: UPS Shipment (Pickup) Notification, Tracking Number 401973832  
 Haha, I'm glad there can be at least a little good news out of that...

**Campaign'**

We're shipping 2,000 to you because of your big outreach programs and to supply all those wardens. Dave Zebro has 34 wardens he'd like to supply, and I suggest giving them 10-20 packs apiece (340-680 packs total aka 14-27 boxes). I think they requested 600 packs (24 boxes) but you guys can adjust based on how many you want to keep.

That leaves you with somewhere between 550-440 packs each if you split 3 ways between you, Ted and John. That's a lot for one season, but we got such a good deal on the packs that we ordered *twice* the number we estimate needing this summer.

Of course, if Dave Zebro no longer wants them, you'll have... a lot. John, can you let me know what he says? If yes, I can ship some extra "drain your livewell" fliers to them, which go out with the packs.

-Deborah

---

**From:** Michele Sadauskas [mailto:msadauskas@co.oneida.wi.us]  
**Sent:** Thursday, May 02, 2013 10:18 AM  
**To:** Seiler, Deborah L - DNR  
**Cc:** john preuss  
**Subject:** Re: UPS Shipment (Pickup) Notification, Tracking Number 401973832

Whoooooo Whooooooo!!

I thought the message was going to say Friday:(((( Sorry about the delay for the wardens though, but I was running into not having anyone in the office tomorrow if the packs showed up....not a big deal if I was 5 minutes from my office, but I am 110 minutes away!

We received snow up where I live too, looking at our wetland....we are flooded and now back to a winter wonderland. You gotta love the North!

Oh, one other question. John and I are wondering if you have an estimated number of packs that each of us (including Ted and the wardens) are to be getting. Both of us have no idea what to take, and we wanted to ask you if you had some thoughts about who is getting how much?

Thanks!



*Michele*

Michele Sadauskas  
 AIS Coordinator  
 Oneida County UW-Extension  
 and Land & Water Conservation  
 3375 Airport Road Box #10,  
 Rhinelander WI 54501

Phone: 715-365-2750

5/2/2013

CONSIGNEE

CONSIGNEE MEMO

ONEIDA COUNTY UW EXTENSION

3375 AIRPORT RD  
RHINELANDER WI 54501  
02219208

DELIVERING TRAILER

SHIPPER 401 973 832

IDM ENTERPRISES LLC

SHIPPING  
315 LINCOLN CT

FORT COLLINS CO 80524  
06392476 (970)484-2275

FREIGHT BILL NUMBER

401 973 832

CITY RTE/BYD SCAC

1F

DEST

RLD

ADV CAR

PO# NMC00000922

UPS FREIGHT PHONE NUMBER

(800)333-7400

PICK UP DATE

05/01/13

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401 973 832

#PCS	HM	PT	DESCRIPTION OF ARTICLES AND SPECIAL MARKINGS	WEIGHT(LBS)	NMFC	RATE	CHARGES	
2			PIECE(S) COUNTED AND VERIFIED ON 2 SK HANDLING UNIT(S) SAID TO CONTAIN: (80 CS) SP612-B FREEZE-SOLID PACKS 25 PACKS CASE LTL FUEL ADJUSTMENT UPS WORLDSHIP * * * * * ATTENTION * * * * * MICHELE SADAUSKAS 2000 PIECES CUSTOMER # SHIPMENT 1 OF 4 CUSTOMER # BILL TO: 47682316 PAGE 1 OF 2	2580	000060-00			
CONTD <TTL PCS			PRINT NAME	TTL WT >	ODOM	ARRIVE	DEPART	TOTAL CHARGES
PIECES DLVRD 2			SIGNATURE	FIRM				
WRAP INTACT? YES NO?			RECEIVED THE ABOVE PROPERTY IN GOOD CONDITION EXCEPT AS NOTED		DATE	DRIVER NAME		CONTD
			RECORD EXCEPTIONS & DESCRIPTIONS OF GOODS IN BODY OF FORM ABOVE		5/6/13	[Signature]		

CONSIGNEE

CONSIGNEE MEMO

DELIVERING TRAILER

SHIPPER

401 973 832

FREIGHT BILL NUMBER

401 973 832

CITY RTE/BYD SCAC

DEST

ADV CAR

PO#

UPS FREIGHT PHONE NUMBER

PICK UP DATE

ORIG

BL#

AD

UF

BD

COLLECT THIS AMOUNT

\$ .00

UPS Freight <sup>SM</sup>



www.upsfreight.com

#PCS	HM	PT	DESCRIPTION OF ARTICLES AND SPECIAL MARKINGS	WEIGHT(LBS)	NMFC	RATE	CHARGES
			IDM ENTERPRISES LLC UPGF 6180 0401072 UPGF 560 07/16/12 C N 196012				

PAGE 2 DF 2

2 <TTL PCS	PRINT NAME	TTL WT >	2580	ODOM	ARRIVE	DEPART	TOTAL CHARGES
PIECES DLVRD	SIGNATURE	FIRM					PPD
WRAP INTACT?	RECEIVED THE ABOVE PROPERTY IN GOOD CONDITION EXCEPT AS NOTED			DATE	DRIVER NAME		
YES NO?	RECORD EXCEPTIONS & DESCRIPTIONS OF GOODS IN BODY OF FORM ABOVE						

Freight Packing List



WEB SITE: [www.ups.com](http://www.ups.com)

DATE: 05/01/2013

**SHIPPER**  
 IDM ENTERPRISES/CUSTOM ICE  
 Attention: SHIPPING  
 LINCOLN CT  
 FORT COLLINS, CO 80524  
 US  
 Phone: 9704842275

**CONSIGNEE**  
 ONEIDA COUNTY UW-EXTENSION  
 Attention: MICHELE SADAUSKAS  
 3375 AIRPORT RD  
 RHINELANDER, WI 545017201  
 US

# OF PIECES	PKG TYPE	HM *	DESCRIPTION OF ARTICLES & SPECIAL MARKS	WEIGHT <UOM>	NMFC	CLASS	UNIT PRICE
80	Case		SP612-B 'Freeze-Solid' Packs: 25 packs/case  2 pallets 40 cases / pallet	2540 LBS		60	0.00
80			<b>TOTALS:</b>	<b>2540</b>			

**SHIPPED AS: 2 PALLET AND 0 LOOSE**

<b>REFERENCE NUMBERS:</b>	<b>PRO #/SHIPMENT #</b>	401973832
REF # 1:	NMC0000922	
REF # 2:		
REF # 3:	2000 pieces	
REF # 4:	Shipment 1 of 4	

**SHIPPER MEMO:**

82401156	Cara Wans	7/6/2013	27/6/2013	21.50	0	1.50	Sand Lake - 10020272	Oneida	20	07/10/201.
84066010	THERESE H	7/6/2013	17/6/2013	42.50	0	2.50	Squirrel Lal 10018895	Oneida	4	09/03/201.
82581646	Nancy Sattl	7/6/2013	17/6/2013	22	0	2	Boom Lake 10018668	Oneida	13	07/15/201.
82401100	Cara Wans	7/6/2013	97/6/2013	15	0	5	Rainbow R 10018883	Oneida	51	07/10/201.
84065882	THERESE H	7/6/2013	87/6/2013	15	0	5	Lake Minor 10021427	Oneida	38	09/03/201. Lots of recr
82581381	Nancy Sattl	7/5/2013	17/5/2013	22	0	2	Rainbow Fl 10018907	Oneida	17	07/15/201.
83687775	THERESE H	7/5/2013	17/5/2013	34	0	4	Lake Nokor 10020280	Lincoln	23	08/21/201.
82581317	Nancy Sattl	7/5/2013	17/5/2013	11	0	1	Gilmore La 10018910	Oneida	7	07/15/201.
82400975	Cara Wans	7/5/2013	17/5/2013	18	0	8	Willow Flo 10018882	Oneida	85	07/10/201.
83687679	THERESE H	7/5/2013	87/5/2013	12.50	0	2.50	Lake Nokor 10018635	Oneida	23	08/21/201. Warm and
82581133	Nancy Sattl	7/5/2013	77/5/2013	14	0	4	Sand Lake - 10020272	Oneida	20	07/15/201.

37.5 hours

301 boaters contacted

'Feiny your catch' weekend #2  
July 5-6 Boater contacts

81828873	Nancy Sattl	6/16/2013	6/16/2013	1.50	0	1.50	Julia Lake - 10019132	Oneida	3	06/16/2013
81828866	Nancy Sattl	6/16/2013	6/16/2013	1	0	1	Lake Thom 10019950	Oneida	0	06/16/2013
83687860	THERESE H	6/16/2013	6/16/2013	14	0	14	Boom Lake 10018668	Oneida	77	08/21/2013
81828861	Nancy Sattl	6/16/2013	6/16/2013	1	0	1	Crescent Lr 10018915	Oneida	0	06/16/2013
81828856	Nancy Sattl	6/16/2013	6/16/2013	1	0	1	Squash Lak 10018917	Oneida	0	06/16/2013
81828793	Nancy Sattl	6/15/2013	6/15/2013	4	0	4	Sand Lake - 10020272	Oneida	26	06/16/2013
83490466	THERESE H	6/15/2013	6/15/2013	9.50	0	9.50	Willow Flo 10018882	Oneida	56	08/15/2013
81828727	Nancy Sattl	6/15/2013	6/15/2013	4	0	4	Rainbow Rr 10018883	Oneida	10	06/16/2013

36 hours

172 boaters contacted

ice anglers :  
 345 surveys  
 1000 people contacted  
 473 at landings

'Icing your Catch' WEEKEND #1  
 June 15-16 Boater Contacts

19-21 - SAT, SUNDAY



**STOP AQUATIC  
HITCHHIKERS!**

19-20-21<sup>SUN.</sup>

Observation Weekend

19 - Therese Stacks/Lt Tom

20 - Cara + Therese <sup>Nokomis</sup>  
<sup>SAT.</sup> (Wilcox)

21 - Sherese Stacks <sup>SAND/DA</sup>  
~~Rainbow~~ Rainbow

~~Lake Tomahawk Fair~~

[www.oneidacountyais.com](http://www.oneidacountyais.com)

9 DAYS CBCW + 40 HRS OBSERVATION

● Observation Training Meeting

5-30  
1:00 pm

Willow Therese	
Stacks Bay. Cara	
Rainbow. Therese/Cara	
Hobay Cara/Therese	
<u>LK Nokomis</u>	

<del>Hobay</del>	Willow	
Rainbow	Stacks	8 hrs.
Stacks	Rainbow	

FRI.	<del>SA</del> SAT.	<u>SUN.</u>	May 31	June 1	June 2
			rotation		
<del>Boon</del>	Rainbow (2)	Rainbow		Tag Team	
Stacks (3)	Stacks (1)	Stacks		} Therese/Cara	
Willow (2)	<del>Willow</del>	SAND/DAM			
LK Nokomis (1)	Lake Tom (3)	Boon			Cara (2 hrs)

Name(s) <u>Cara &amp; Threse</u>	Date <u>7/30</u>	Waterbody Name <u>Volokomis</u>
County <u>Oneida</u>	Landing Location/Name <u>east of road by dam</u>	

Boat Number 1

- What's your main reason for boating today?
  - a. Fishing
  - b. Cruising/Partying
  - c. Paddling
  - d. Swimming
  - e. Sking or Tubing
  - f. Jet sking
  - g. Other: \_\_\_\_\_
- Why do you usually go boating?
  - a. Fishing
  - b. Cruising/Partying
  - c. Paddling
  - d. Swimming
  - e. Sking or Tubing
  - f. Jet sking
  - g. Other: \_\_\_\_\_
- Did you feel crowded on the water at all today? Yes  No  Don't know
- Is there anything that could have improved your boating experience today? Yes  No  Don't know 
  - If yes, what? Better parking at landing - people park like idiots
- Overall, how satisfied are you with your trip today?  Positive  Neutral  Negative
- Have you boated on a different waterbody in the previous week? Yes  No  Don't know 
  - If yes, where? Waterbody: \_\_\_\_\_ County: \_\_\_\_\_
- Do you plan to boat on a different waterbody within the next week? Yes  No  Don't know 
  - If yes, where? Waterbody: \_\_\_\_\_ County: Oneida
- In which Wisconsin county do you use this boat most? County: Oneida
- On which one river or lake in (or bordering) Wisconsin did you use it most? Waterbody: Volokomis
- What state and county do you live in? (primary) County: Lincoln State: WI
- Do you mind if I ask how old you are? 72

12. AIS in conversation? Yes  No  13. AIS observation explained? Yes  No

Boat Number 2

- What's your main reason for boating today?
  - a. Fishing
  - b. Cruising/Partying
  - c. Paddling
  - d. Swimming
  - e. Sking or Tubing
  - f. Jet sking
  - g. Other: \_\_\_\_\_
- Why do you usually go boating?
  - a. Fishing
  - b. Cruising/Partying
  - c. Paddling
  - d. Swimming
  - e. Sking or Tubing
  - f. Jet sking
  - g. Other: \_\_\_\_\_
- Did you feel crowded on the water at all today? Yes  No  Don't know
- Is there anything that could have improved your boating experience today? Yes  No  Don't know 
  - If yes, what? \_\_\_\_\_
- Overall, how satisfied are you with your trip today?  Positive  Neutral  Negative
- Have you boated on a different waterbody in the previous week? Yes  No  Don't know 
  - If yes, where? Waterbody: \_\_\_\_\_ County: \_\_\_\_\_
- Do you plan to boat on a different waterbody within the next week? Yes  No  Don't know 
  - If yes, where? Waterbody: \_\_\_\_\_ County: Volokomis
- In which Wisconsin county do you use this boat most? County: Lincoln
- On which one river or lake in (or bordering) Wisconsin did you use it most? Waterbody: \_\_\_\_\_
- What state and county do you live in? (primary) County: Cook State: IL
- Do you mind if I ask how old you are? 44

12. AIS in conversation? Yes  No  13. AIS observation explained? Yes  No



**2A. Hire three limited-term employees (LTE's) for education and fieldwork. (\$35,950.00)**

Cara Wanserski (Spatz), Therese Hubacher, and Nancy Sattler were hired as AIS project assistants for the 2013 field season. Wanserski started work on April 8, 2013 and finished her 983 hours with the week ending March 14, 2014 (436.5 hours were claimed for AEPP-317-12). Hubacher began work on April 8, 2013 and completed her 736.75 hours with the week ending September 13, 2013 (371.75 hours were claimed for AEPP-317-12). Sattler began work on March 1, 2013 and finished her 517 hours with the week ending September 13, 2013 (237 hours were claimed for AEPP-317-12). Wages for Wanserski (Spatz) amounted to \$7207.91 (546.5 hours), Hubacher \$4818.00 (365 hours), and Sattler \$3696.02 (280 hours).

Oneida County LWCD is also claiming 2014 wages of \$5457.25 (Stephanie Boismenu, 415 hours), \$3156.00 (Alyssa Nycz, 240 hours), and \$3116.55 (Sara Mills, 237 hours) for AEPP-373-13. The 2014 wages of the above three employees will satisfy project 2A and AEPP-373-13. The remaining 2014 hours and wages for Boismenu, Nycz, and Mills will be claimed on grant AEPP-408-14.

Wanserski (Spatz) completed 183 CBCW hours, Hubacher 231.75 CBCW hours, and Sattler 312.5 CBCW hours. A total of 727.25 CBCW hours were performed in 2013. Most of these hours were spent at busy landings, lakes >500 acres, or at lakes that had EWM or CLP. While at boat landings, assistants monitored for invasive species along the shoreline, docks, and/or shallows of the lake. Collected data was then entered into SWIMS.

Wanserski (Spatz), Hubacher, and Sattler also helped conduct workshops, distributed and installed educational materials, presented at lake association meetings and/or tournament meetings, assisted at lake fairs and other community events, and monitored for AIS (12 lakes). Additionally, assistants managed Purple Loosestrife populations, worked with local lake groups to help monitor AIS populations, hand-pulled EWM at Lone Stone Lake, and assisted the DNR with both point-intercept surveys and GLRI early-detection monitoring. All assistants were required to write a weekly synopsis of accomplishments; these are included in tab 2A. Also included in tab 2A are synopses from the 2014 LTE's (activities through June 30, 2014).

Individual projects were also accomplished by each assistant. Hubacher designed and created 'real-estate' signs that were used at landings, events, and were placed in high traffic public right-of-ways during Labor Day and 4<sup>th</sup> of July weekends. Wanserski (Spatz) performed 112 hours of ice fishing outreach, and Sattler coordinated a restoration project with Manson Lake.

**Additional LTE expenses:**

LTE supplies (includes clipboards, pruners, shovel, hip boots, cooler, totes, misc.): \$96.93

Aquatic plant ID workshop: \$20.00

Misc. printing and office supplies (appendix G)

Wanserski (Spatz) mileage: \$1568.97

Hubacher mileage: \$1834.71

Sattler mileage: \$1471.74

Nycz mileage: \$142.60

Mills mileage: \$369.84

## **NANCY SATTLER – WEEKLY AIS REPORTS**

### **Week ending May 4th, 2013**

Thursday, May 2nd: (3:00 - 7:00 PM) I attended the CBCW meeting held at the Rhinelander airport. Sandy Wickman was able to help me identify milfoil differences.

Saturday, May 4th, 2013: OPENING DAY OF FISHING! (5:30 AM - 8:30 AM). Today was intended to be a CBCW day at the docks. We knew it would be difficult to find boaters/fisherman today due to late winter season.

I started at Manson Lake. Pier is in, ice is out about 40 ft from shore. Their kiosk needs all new AIS signage. No boats.

Stopped at Crescent. Ice still to shore. No boats. Their kiosk and signage was very well maintained.

Went to Hodag Park / Boom Lake. Piers are not in water yet. Ice is still close to shore, about 10' out. No boats.

Next stop Moen launch. Pier not in. No ice on lake, but no boats, no fishermen.

Went to The Fishing Hole bait shoppe. Talked with owner and also the man delivering minnows from truck. The delivery man said this shop was the only bait shop that took any minnows. He said no fisherman anyplace he saw. While I was in there I checked their AIS supplies (all fine). The owner said that the only place he knew of where people might be fishing was Pelican Dam. Spoke with a customer up from Milwaukee who has place on Thompson. He was bringing in ice fishing gear to be rewound, and indicated he was not fishing that day. However, he did say that he had a separate boat at his place here, and one he uses on Lake Michigan. He indicated that he did not want to spread invasives, so that's why he had the 2 boats.

Next stop was Lake George launch. Ice to shore there. No boats.

I headed south to Pelican Lake. Ice to shore at boat launch. Signage in good shape. No boats.

Stopped in at Musky Mart. Spoke with owner who said he knew of one guy on the west side of the lake that was going to be fishing, but was fishing off his shoreline. I stocked him with brochures.

I decided to call it a day and save the CBCW hours for later in the year when there are actually boats!

### **May 5<sup>th</sup> – May 11<sup>th</sup>**

May 7<sup>th</sup> – This day was devoted to judging the AIS poster contest. We had over 100 posters to judge from the different age groups. See website for winners and participating schools.

May 8<sup>th</sup> – Purple Loosestrife Beetle Workshop. Met at Quality Inn to identify the natives planted last year, as well as the dead loosestrife we wanted to pull this year. We had 4 participants at our workshop that helped us dig up the loosestrife, then re-plant it back at the office. We staked, netted and watered the plants to await introduction of beetles.

May 10<sup>th</sup> – CBCW. Started the day at Boom Lake/Hodag Park training Cara and Therese on CBCW procedures. Spent 1.5 hours there and contacted 3 boaters. Then I went to Willow Flowage/Dam. I stopped at Willow Wood Lodge to deliver Thank You from last year's participation in AIS. Also stocked him with brochures and a few key chains. There was pre-fishing being done that day for May 11<sup>th</sup> walleye tournament. In addition, it was the first 70 degree day since ice-out earlier in the week, so quite a few boaters were launching. I had contact with 18 boats entering the water, and 9 boats leaving the water. Good overall understanding of law from boaters. The biggest area of education needed was with the minnow bucket water. I also stopped at Fuzzy's, Nancy's and Willow Haven to deliver AIS napkins and placemats.

May 11<sup>th</sup> – CBCW. I got to the Willow Flowage/Dam launch at 6:00 am. The walleye tournament started at 7, so boaters were entering the launch as early as 6. The tournament had 27 boats entered. I was able to speak to the group along with the tournament organizer. The weather was inclement today for the casual boater. Cold (34 degrees) Windy (30 mph) and SNOW !!! 85 people were contacted today on 34 boats. Again, continuous communication of the bait bucket message is needed.

#### **Week Ending Sunday May 19th, 2013**

Tuesday, May 14th: Entered CBCW info from previous week. Since this was the first time this year to enter the info, it took some refreshing. Planned years hourly schedule, planned out boat bumper installation,

Thursday, May 16th: Presentation at Central Middle School, delivered placemats to Friendship House. Delivered 'Thank You' to Judy's Twin Pines, bar napkins to Lake George Hideaway, and Rockies Roadhouse. Made folders for interns. Assembled 75 information bags for boaters. We also had a productive team meeting, outlining future events and assignments.

Friday, May 17th: Went to Rainbow Flowage for CBCW. Installed boat bumper on dock off Hwy J. Then went to dock by the dam. Installed 2 bumpers there. Spoke with fishermen wading in water below the dam about washing their waders. Went to Sand & Dam lakes. The piers there will not take a bumper due to pier movement from piling. Went back to the office and made copies of screen shots for Sunday's training. I spoke with Bob from Three Lakes Association about Sunday's training. Recorded info for 13 boaters that day.

Sunday, May 19th: Townline Lake at 7 am. Spoke with Sheriff as he was emptying the new boat launch fee box. Then I was visited by Jim Bollmann, who was instrumental in the getting the new pier and launch project completed. (see attached photo) Did CBCW until 10:30. At that time I conducted training with Bob Agan and Jenna (one of the 3 lakes interns for summer 2013). We reviewed binder info, how to approach boaters, survey form, reporting instructions, how to get a password for SWIMS, boat info, etc...This pier does not need bumpers, as it has a new permanent dock with padded bumpers around the entire pier. I went to Spirit to attach bumpers but could NOT find the public boat launch. I attached bumpers on Big Lake public boat launch. I also went to public boat launch at Big

Stone, but the pier is not yet in there. I did CBCW at Big Lake. Recorded info for 13 boaters today. I entered CBCW info in to SWIMS.

### Weekly Report Week Ending May 26th, 2013

May 21st, 2013

We conducted a CBCW training session in Minocqua from 9 - noon. Michele covered invasive species. Sandy Wickman had samples of them and had a 'hands on' session with attendee's. We had a pontoon boat in the parking lot that we used for CBCW demonstration. The group was mixed. There were 6 attendees that had done CBCW at boat launches in previous years. There were also 6 attendees that were new to the program, so we were able to divide the group in to 2 for the hands-on sessions. Channel 12 came at the end of the workshop, and interviewed one of the attendee's, who demonstrated good knowledge of invasive species and how his lake group can help prevent the spread of them.

After workshop I went to Dam Road Landing to do CBCW inspections. Despite the rain, I was able to talk with 3 boaters launching. One of the boaters lives around the corner from the launch, and said that 'in all his years' he hadn't seen CBCW at that launch. He told me how his bay is choked with Eurasian Milfoil and is being chemically treated.

Then I went to Stacks Bay (zero boaters). I went to Tomahawk city landing with the intent to install bumpers. However, the type of pier there does not allow for bumpers and is actually set up so that bumpers are not needed. I made note of the weeds laying on the ground at the launch. No boaters launching or leaving when I was there.

May 22nd, 2013

Picked up dirt from Menards. Picked up invoice for bumper stickers. Attended staff meeting at office to plan upcoming projects. Then I went to Indian Lake for CBCW inspections. This launch has never had a pier, so I was unable to attach our bumpers. I spoke with the people that live next door to the launch, and they indicated they are out there each day doing inspections as CBCW volunteers. I gave them some info packets for the boaters. I looked at their signage and posted information. Interestingly they have an info box with sheets of pages in it describing fines if they do not comply with the laws regarding invasive species. Weather was 50 degrees and raining so I did not see any boaters launching. As I was entering the launch area a canoe was pulling away having just left the waters. Then I went to Thunder Lake for CBCW inspections. I only had one boat entering the waters while I was there. He used the time to complain about how fishermen are not complying with creel limits. I also spoke with the neighbor of the launch, and she also indicated they had never had a pier there. She told me that launch fills with boaters in the summer, and they have seen 30 trucks/trailers parked there on a busy day. Derek, intern from Three Lakes, came to the launch at 4:30 for CBCW training. He starts working the Chain this weekend.

May 24th, 2013

Started the day at Squaw Lake. Spoke with CBCW volunteer Mike Rutzen, who was putting his own boat in. He is going to be at the landing all weekend. He will monitor the bumper that I put up and call me when they are ready to take the pier out in fall to ensure I retrieve it. His number is 262-573-8502. 5 boat inspections were done. All signage is current at this landing. Pulled out Chinese mystery snails. Spoke about my approach with boaters with Mike.

Went to Buckskin Lake and did inspections on 2 boats. Signage is current here. Spoke with past lake association board member who indicated there was much turmoil in the ranks. Aerator markers from winter not picked up and are floating in lake. Someone's raft came off shore this winter and is against shore by landing also.

Went to Booth Lake. This lake needs a current b&w/red signage for watercraft inspection. It will need a post to put it on also. No boaters entering or exiting.

Went to Squirrel Lake. Signage all in place here. One boater confused on the live well being emptied there, but he complied and said he learned something. Lots of bass visible off the end of the pier that were nesting. I saw at least 20 of them there. Entered data in SWIMS when I returned home

**May 25th, 2013**

Spent the day at the Willow Flowage. Very busy Saturday of Memorial Day Weekend. The first boater I had was a man that Cara had the week previously. He stated that he was apologetic for his response to her questions last week, and said he understands the laws and knows she is trying to help. At one point during the day I spoke with the warden to let him know that some boaters were questioning the lack of walleye limit sign, and they believed this allowed them 5 walleyes if it wasn't posted. The parking lots were full by 8:00 am. 3 of the spots were taken by drivers without trailers, and this angered many boaters throughout the day who feel the spots should be marked for trailers only. Otherwise, it was an uneventful day. All boaters were curious and informed on the laws. On my way home, I stopped in at landing in Minocqua. This was the landing that 2 of the new interns were working for the first time that weekend. I checked in to see if they had any questions after the training, and to see if they needed any more supplies. 3 nasty ticks today!! Entered data in SWIMS when I returned home.

**May 27th - May 31st**

**May 27th, Rhinelander Flowage/Boom Lake**

A busy Memorial Day at Hodag Park. The other 2 piers are in the water, so there are now 3 piers there. There was also a Little League tournament going on so many people were competing for parking spaces. The spots are clearly marked for 'vehicles with trailers only', however, at one point 8 of the spots were taken with cars only. This made for angry boaters. When I went up to use the restroom, I mentioned it to the woman in charge of the facility that day. I'm not sure what she said or did, but shortly after those cars moved to the parking area and the trucks w/trailers were able to park in the lot again. The weather was iffy all day. When the sun shone and the wind died down it was pleasant, but for most of the day the wind was a factor in how long the boats stayed out. 99% of the boaters were appreciative and wanting to learn about invasives. I had one boater that came with a chip on his shoulder, due to a volunteer at Crescent that was 'touching his equipment and live well'. I briefly left this launch and went to the launch on Apperson Drive, however there wasn't anything happening there. I went back to Hodag for the rest of the day. I picked up a bag full of garbage there. I came back and entered my SWIMS data in to system.

**May 30th, Boom**

Started my day with observation training at the DNR. We then moved to Boom/Hodag Park to continue training. Once training was complete, I stayed to do watercraft inspections. However, the weather really got bad (tornado warnings/watches and severe storms). So I went to Menards to walk their greenhouse looking for Purple loosestrife. I did not find any,

but took pictures of plants that could possibly be confused for loosestrife.

#### **May 31st, Sand/Dam**

Spent the day doing CBCW at this location. Pre-fish was happening for 26 boat walleye tournament occurring June 1 & 2. I was able to talk with about 1/2 the boaters entered in tournament. I also went to the resort that is hosting the event, and gave some literature and key chains relating to invasive species. I put up a bumper on the dock. Entered data in SWIMS when I returned.

#### **June 1 - June 7**

##### **June 1**

I started the day at Crescent Lake. I spoke with 2 of the lakes board members (Roger & Mary). We reviewed their supply closet (in good shape), and talked about the form/questions. No boaters arrived while I was there. Mary indicated that Glen would be there at 1. He conducts the training for new CBCW volunteers on their lake. I left and went to Boom/Hodag Park. Sporadic day for boaters going in and out...depending on rain conditions.

I returned to Crescent to Glen, however I was told he would be there in the evening. I spent an hour a half with 3 other lake volunteers ( Ron, Mike, and Mary). Ron indicated he is at the landing 2 days per week (3 hour shifts). We all discussed how the species are transferred. We talked about the form. We had 5 boaters arrive while I was there, so we had the chance to do inspections together. They were able to see my approach, and vice versa. I am sending a list of invasives by lake to Mike to use . We stressed boater education on AIS. I repaired a bumper that had come un-done. I left them with my phone number in case they needed anything. Dead wolf in the middle of Hwy 8 this morning.

##### **June 4**

I spent the day doing monitoring training at Kemp today. Very informative and educational! I was able to bring samples of snails from Laura. The morning was classroom and the afternoon was spent on Lake Tomahawk doing meandering, snorkeling, and netting. I am anxious to get out and do this on Lone Stone later in June.

##### **June 5**

Half day was spent in the office getting supplies ready for CBCW training the next day. In addition, the bumper placement spreadsheet was updated. In the afternoon I went to Pelican Lake and installed bumpers at 2 of the landings. (The other 2 did not have piers). I stopped at Boondocks and delivered CBCW placemats to them. I went to Venus, Mars, Jupiter and Tank Lakes to install bumpers...however none of these landings have piers. I went to Holiday Acres resort on Lake Thompson and spoke with Gladys. She gave me the okay to install bumpers on their private landing. I went to my home office and prepared my presentation for the next day's training. In addition, I spoke with our contact on the phone from Manson Lake about the CBCW program and their landing kiosk.

##### **June 6**

I went to Nokomis and installed bumpers at 2 landings there. I ran in to a group of students from Treehaven that were doing shocking training that day, and we discussed the CBCW program. Then I went to the Town Hall to conduct CBCW training for Lake Nokomis citizens, Pelican Lake interns and WI River intern. 18 people were there for the 1.5 hour training session. I was very pleased with the responsiveness and turn out from this lake.

### 6-8-2013 to 6-14-2013

June 9th:

Today I went to Stella, Margaret, Ginty and Spur Lakes to install bumpers and do CBCW. Unfortunately, none of these lakes have piers. They are all very remote landings and I did not encounter one boater in 3 hours. Then it started to rain, so I made my way back towards Rhinelander. On the way back, I stopped at Moen landing (they need a b & w DNR sign, and they still have no pier in the water). I also stopped at Boom, but it was raining much harder then and there were zero boats entering the water, and zero trailers in the lot. I returned to my home office to enter in CBCW info, and to respond to an attendee's question from last week's Nokomis training. I completed my weekly report and sent it to Michele.

June 12th:

Office Day. Worked on PowerPoint presentations for Moen and Bolger Lake Association meetings. Worked on Shoreline Restoration project plans for Lake Manson. Updated the bumper list for 2013.

June 13th:

CBCW on Lake Nokomis (2 locations) and Manson Lake. Spoke with team from EnviroSciences that is doing Weevil study on the EWM on this lake.

June 14th:

CBCW at Boom Lake (Hodag Park). Trained summer intern for Moen Chain that will be doing CBCW there. I called Bob Robinson from Manson Lake and reported to him on the EnviroSciences team that is on his lake.

### 6/15/13 to 6/21/13

June 15th, 2013 (6:30 - 3:00)

CBCW at Rainbow and Sand/Dam today. It was also our "Ice Your Catch" campaign. I put up yard signs at the landings with the kids CBCW entries, as well as the 'Free Ice' sign. Rainy morning, so slow at Rainbow. I spent 4 hours at Rainbow and 4 at Sand/Dam in the afternoon. Sand was busier as the weather got nicer. Spoke with boaters and pedestrians about the "Ice Your Catch" campaign. Talked about invasive species with 5 kids that were fishing by the bridge. Picked up garbage, and assembled more 'kits' to hand out on invasives.

June 16th, 2013 (6:30 - 11:30)

Started the day at Squash Lake landing. 2 volunteers from the lake were already there when I arrived. This location has no pier so make note not to put it on the bumper list for next year. However, they do have a fully stocked CBCW hut, filled with t-shirts, fact cards, and other supplies for the volunteers. They did not have the ice packs for the give-away today, nor did they know about it. We talked about what we are stressing with the ice packs. I left them with 6 ice packs. After Squash I stopped in at Crescent to see how the Ice Your Catch campaign was going. 2 volunteers on duty. They were not aware of it, nor did they have supplies in the closet for it. I left them with 6 ice packs and explained the campaign to them. We also discussed how things were going and the approach with the boaters. Lake Julie was next. No pier at this landing, but kiosk is up to date. Spoke with a boater that told me about a gentleman volunteer from the lake association last year that was very

aggressive in his approach to boaters. Last I went to Lake Thompson. No pier and one parking spot for truck/trailer. Where do boaters park?? Kiosk up-to-date. I came back to the office and completed my weekly report from prior week and sent to Michele. I also entered in all the CBCW data in to SWIMS from previous week.

June 18th, 2013 (7:30 - 3:00)

I entered in all my CBCW hours in to spreadsheet and calculated where we were at for a team this summer. (295 CBCW hours in and 750 needed). I worked on the Manson Lake shoreline restoration project. Then Michele and I canoed on the Pelican River looking for Japanese Knotweed. A home owner very close to the river has a stand of it in their yard, and we were concerned that with run-off it may have migrated to the river. We did not find any on the riverbanks! Returned to the office to finalize Manson plans. Participated in final Northwoods Expression planning meeting which is this Thursday! Re-tied the beetle netting. I brought a kit to the home of the AIS coordinator for Lake Thompson. Spoke with him on the plans for their association meeting next Friday.

June 20th, 2013 (5:30 - 9:00)

Northwoods Expression event in Three Lakes. 16 attendee's total. Rained, so we moved inside gazebo and sat in a circle there. Almost everyone shared a story or poem. Despite the rain, we still were able to roast marshmallows and make s'mores!

### 6.22.13 - 6.28.13

Monday, June 24th: (8 - 9)

I spent time researching Manson Lake, which is where I'll be doing our Shoreline Restoration project tomorrow. I also assembled the packets of info I will be handing to homeowners, as well as the letter I will leave at the homes w/o contact. I created spreadsheet to document the addresses, names, email addresses, and comments of each homeowner I talk with.

Tuesday, June 25th: (8 - 3)

Manson Lake Shoreline Restoration project  
See attached summary, address sheet, and letter

Wednesday, June 26th: (12 - 1)

Recapped Manson lake project (one hour)  
Worked on presentations for Lake Thompspon, Nose, and Bolger

Thursday, June 27th: (7 - 3)

Mud Lake with DNR and volunteer. We meandered, did spiny flea net testing, d-net testing. Pulled mostly banded snails. No new invasives found. Volunteer (Abbey) is doing a paper for school on AIS, so it was interesting talking to her. Also spent 1.5 hours finishing presentations.

Friday, June 28th: (11:00 - 4:00 and 5:30 - 7:30)

CBCW at Boom  
Lake Thompson association meeting

**6.29.13 to 7.5.13**

**Saturday, 6/29/13:**

**Nose Lake Presentation**

**Bolger Lake Presentation**

**(information on both these presentations are available in separate summary)**

**CBCW Stacks**

**Tuesday, 7/2/13: (12 - 7)**

**CBCW Three Lakes (Burning Bridge, Thunder Lake). Note: Maps show a second boat launch on the north side of Thunder Lake. It is no longer there. I pulled a milfoil from boat launch area that I was unsure if it was native or invasive. On 7/6/13 I showed the sample to Tim from DNR. After much study, it was determined to be native.**

**Lake Thompson CBCW training 6 to 7. 18 volunteers!**

**Thursday, 7/4/13**

**CBCW Boom. Al, who works for Keith, was present. He will be at Boom for most Sat./Sun. this weekend.**

**Friday, 7/5/13**

**CBCW Rainbow, Sand/Dam**

**Saturday, July 6th**

**Presented at Mid Lake Meeting.**

**Then CBCW at Boom Landing**

**7.6.13 to 7.12.13**

**Saturday, July 6th**

**Presented at Mid Lake Meeting.**

**Then CBCW at Boom Landing**

**7.13.13 to 7.19.13**

**Saturday, July 13th**

**I trained 5 new CBCW volunteers at the Thoroughfare from the Mid Lake Association group. Then I went to Stacks Bay landing on Minocqua. Busy day there for CBCW. All parking spots were full by 1 pm. Boaters were parked in car spots and in the road. 90% of the trailers came out of the launch area with plants draped on their equipment (trailers, boats).**

**Sunday, July 14th**

**I returned to Stacks with a hoe, and proceeded to rake out mounds of milfoil, grasses, and pondweed. Continued with CBCW for a few hours then went to Carrol Lake. Talked with users of the launch, as well as campers. One of the bumpers is hanging under pier, but I did not have cutters with me to repair it. I went to Gilmore for more CBCW time.**

**Friday, July 19th**

**Today I conducted CBCW at Manson, Hancock, and 2 Nokomis locations. The Rice River flowage was the busiest of the locations today despite the wind. Water levels at both**

Nokomis locations are much lower than 2 weeks ago. Hancock Lake landing area is full of lily pads now.

7/20/13 to 7/26/13

Saturday, July 20th

Carr for CBCW, checked on new volunteer staff at Mid Lake landing, Stacks for CBCW, office to make copies of CBCW forms, then to Crescent to cover their launch from 12 - 3 while the lake association volunteers were in a meeting. Talked with scuba divers at Crescent about cleaning their equipment properly after each lake use.

Tuesday, July 23rd

Went with Tim Plude from DNR, and Logan from Trout Lake to the Willow Flowage and did P.I. surveys.

Friday, July 26th

Spent time in office. Projects included: E-vite for Awards Dinner, press release for Northwoods Expressions, press release for CLMN, ordering pens/pencils for giveaways, modifying CBCW data form, EWM sign created for Manson, entered data in to SWIMS from previous weeks CBCW hours.

7/27/13 to 8/2/13

Saturday 7/27

Unseasonably cold and drizzly day. CBCW at Stacks and Indian Shores. Only 6 boats in/out the entire day. I asked the add-on question about how they transport their fish catch. Summary in separate report to Michele.

Thursday 8/1

Office day. Prep for the Fair. Work on pencil order. Visited beetle/loosestrife site to see progress. Also, went to Quality Inn and cut loosestrife blooms.

Friday 8/2

I spent the morning doing CBCW at Boom Landing. I tried to track down our missing boat buoys that were on the old pier. Many false leads and still have not located them! At noon I went to the Fair to 'man' the Land & Water booth. It was a slower afternoon, but it allowed me the time to talk with each interested party in depth. There was much interest in the purple loosestrife plants. I had one couple sign up for newsletter.

8/3/13 to 8/9/13

August 4th

Today I did CBCW at Stacks Landing to start then finished up at Indian Mound campground landing.

August 5th

I started with some CBCW at Julia and then on to Big Stone. I met up with DNR and Trout Lake people at 11:30 to conduct survey on Big Stone. It was pouring rain, and we were all soaked by 1 pm! We located areas of purple loosestrife on shorelines.

August 6th

I spent the day in the office with Michele. I worked on entering SWIMS data, following up on

E-vites for banquet, pen & pencil orders, photo presentations for banquet, etc....

August 7th

CBCW at Willow Flowage. Ran in to the WI River people that were doing PL surveys on the lake (Courtney, Ben & Carol)

**8/17/13 to 8/23/13**

Saturday 8/17/13

Trained 5 new CBCW volunteers from Lake Nokomis. Very enthusiastic and very eager to learn more about AIS. I spent the morning there doing CBCW, then I went to Willow Flowage and did CBCW for the rest of the day. I stopped at Willow Haven bait shop on the way and re-filled their AIS brochures/stickers.

Wednesday 8/21/13

I went to Alva, Long, Etienne lakes today (and one more I can't remember the name of!!) We did not find public access on Alva or Etienne. We spoke with a homeowner on Alva who said we can put in at his house (John, at end of S. Doe) when we want to. He indicated no AIS on lake that he knows of.

Thursday 8/22/13

Banquet day. Cut plants for centerpieces. Menards for door prize buckets. Worked on slide show presentation.

Friday 8/23/13

CBCW at Boom. Zero boats! I was surprised because of upcoming bass tourney. They were busy setting up for it though. Went to Pelican to do CBCW, and when I pulled in landing found 40' of purple loosestrife! I cut it and threw it in my trunk. Then I went to Rhinelander and went on the WI River Cruise!

**8/31/13 to 9/6/13**

Saturday August 31<sup>st</sup>:

One hour of CBCW time at Stacks Landing. Then Minocqua Pig Roast at Torpy Park. Set up only took a few minutes. We spent 5 hours talking with attendee's that came to our table. Lots of good contact, lots of good questions. The lake association was collecting for EWM removal costs, so I placed info on EWM by the table the ladies were at. I also put info on all the tables in the food area. Then I walked around and talked with people at their tables. Good interest and good questions.

Friday September 6<sup>th</sup>:

I pulled boat bumpers from 20 lakes in Oneida County. Bumpers were missing from a couple of the launches we'd placed bumpers at in the spring. I recorded this on the Bumpers Spreadsheet for next year. I also talked with boaters and did watercraft inspections when I was at each launch.

Saturday September 7<sup>th</sup>:

I pulled boat bumpers from 2 lakes, but then my car died and my day was over!

**9/9/13 to 9/13/13**

**Wednesday, 9/11/13**

- wrestled large box of boat bumpers to storage area from my truck!
  - Spoke with kate at chamber. Got info on how many boaters and took new brochures to her for stuffing the bags.
  - prepared for tabling at musky tournament
  - completed the cbcw write-up (emailed you a copy)
  - completed mileage form. Keri has it for signature
  - completed weekly report
  - ordered needed wildlife cards from DNR. (you were copied on email)
  - moved equipment, etc...to storage room
  - took Sandy Wickmans check to her at DNR office
- Worked 8 - 1 today so that I can work at musky tournament 5 - 9

**Thursday, 9/12/13**

Pick up the remaining 5 bumpers (at 4 lakes), CBCW. Worked 8 - 4 this day.

**Friday, 9/13/13**

CBCW for 7 hours

## Cara Wanserski- Daily Reports

4/8/13 Monday- Orientation day- I worked with Michele, Nancy, and Therese. We filled out new employee paperwork, met office staff, set up the office and materials. Michele and I met and planned out my next two days.

4/9/13 Tuesday- Bait Shop Outreach- I traveled around Oneida County visiting bait shops that have been working with us. I distributed copies of the thank-you that was published in WI Outdoor News and refilled their hand-outs. In the afternoon, I returned to the office and researched new blog sites and a Facebook account for us.

4/10/13 Wednesday- Bait Shop Outreach- I traveled again in Oneida County to finish the bait shop visits from yesterday. The remainder of the afternoon was spent in the office, setting up the Facebook account, typing meeting notes, and starting the blog.

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4/15/13 Monday- The morning consisted of two meetings; the office meeting and the board meeting. In the afternoon, I went to the courthouse to retrieve items from the forestry dept. that we plan to use in an upcoming educational event, and correcting my employee information. I returned to the office and sent requests to websites to post information regarding our upcoming workshops. I also, reached out to and spoke with a lady in hopes of her presenting to the 5<sup>th</sup> graders on our April 24<sup>th</sup> Earth Day event.

4/16/13 Tuesday- Michele and I were in the office today. I spent time assisting her with data organization collected at the ice fishing tournaments, working on an activity for the 5<sup>th</sup> graders on April 24<sup>th</sup>, and arranging a pontoon rental for an upcoming educational event. We also were involved in two meetings today; one for Northwoods Expressions and a second for our April 24<sup>th</sup> Earth Day event at CAVOC.

4/17/13 Wednesday- Michele, Nancy, and I were in the office today. Nancy and I started brainstorming and creating a program for the CHAMPS afterschool program that we are hosting on May 22<sup>nd</sup>. I got Nancy up to date on the projects that Michele and I have been working on.

4/18/13 Thursday- Michele, Nancy, and I were in the office today. I updated Facebook, assisted Nancy with creating a website, and prepared for next week. The majority of my day was spent recounting the 344 ice fishing surveys; I tallied all the responses to all the questions and was very careful to be 100% accurate. Michele would like to use the information obtained from this survey for printed materials.

4/22/10 Monday- Michele, Therese, and I were in the office today. Michele and I had a meeting out at CAVOC in preparation for our Earth Day after school program on Thursday of this week. We also attended a meeting for Northwoods Expressions and a meeting for the Earth Day presentation with all involved. The remainder of the

day I worked with Therese- got her up to speed on our current projects, we worked on getting material ready for the Earth Day program, and I finally finished the ice fishing survey data! I finished the count and updated the presentation that was created with the incorrect numbers.

4/23/13 Tuesday- Michele and I are in the office today. I finished creating "AIS trading cards" for Mrs. Werner's school. I assisted Michele with the work program kids that started today. We had them work on some projects for us and they did very well! I went to the courthouse to use the copy machine then asked for a donation (for our speaker tomorrow) at Trig's and at Golden Harvest. I returned to the office, updated Facebook and discussed the 5/22/13 CHAMPS program with Michele.

4/24/13 Wednesday- Michele, Therese, and I spent the morning in the office. I got our website up to date and added more information on it. Therese and I got things prepared for our Earth Day program that was held in the afternoon at CAVOC. The program took the rest of our day.

4/25/13 Thursday- Michele and I attended a meeting with the three high school students (Braxton, Bryce, and Vince) that will be creating a PSA and a YouTube video on aquatic invasive species. We helped direct them on what kinds of messages we would like to get out and gave them resources. When we got back to the office, I updated our Facebook to include information about yesterday's event and underwater videos from last year. I then assisted Michele with making give-aways for our 5<sup>th</sup> grade class.

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4/29/13 Monday - Michele, Therese, and I were in the office today. We had a meeting with the three of us to start working on schedules and get organized with all of our current projects. Therese and I organized our white board following the meeting and divided some of the tasks. We did quite a few of project organizing things; I ordered new hand-out stickers, helped Therese prepare to visit the bait shops, sent out reminder email for upcoming workshops, and prepared items for the poster contest.

4/30/13 Tuesday - I was in the office for most of the day. I worked on cleaning up and learning the "Rusty Crayfish Game." It had been damaged so I created new pieces for it. We plan to use this game for a class on May 17<sup>th</sup>. I also worked on ideas for the "real estate" signage and made more buttons for students. In the morning the work experience kids came and I helped them with their project. After they left I went to the courthouse to make copies, the DNR office to get the button supplies, and to Feight's Trophies to order medals for the poster contest.

5/1/13 Wednesday - Today was another office day...can't wait for the nice weather to come so we can get outside!! Michele, Therese, and I worked on some of our ongoing projects; cleaning the storage area, getting information gathered for our Vilas/Oneida project (I called radio stations for remote broadcast info), made new button badges for a class, showed Therese the Rusty Crayfish game, and sewed the Purple Loosestrife nets.

5/2/13 Thursday - The work experience kids were here today. Therese and I helped them start on their projects for the day (CBCW binder revisions and bumper cleaning). We made them name badges that they loved! The remainder of our day was preparing for the CBCW workshop, cleaning/organizing the storage area, and attending the CBCW workshop here at the Rhinelander Airport.

5/7/13 Tuesday - Michele, Therese, Nancy, and I were in the office. I first set up the project of bumper cleaning for the work experience kids. They were excited to be here when they got in. They (not unlike ourselves) are really looking forward to the outside projects that are right around the corner. John P. came to the office and we started with our poster contest judging. We had many entries and it took us a while because they were all wonderful. Then I changed gears and focused on the Purple Loosestrife workshop for tomorrow. I retrieved pools from Sandy at the DNR office and Therese, Michele, and I worked outside to get a set up plan. Therese and I worked on getting hand-out material prepared.

5/8/13 Wednesday - Michele, Therese, and I are in the office. The day started with a Northwoods Expressions meeting with ourselves, John P., Jean, and Tim. Afterwards I typed up the notes, typed the rules, and researched banners. At 11:30 Michele, Therese, and I headed over to the Quality Inn to set up and host our workshop. We returned to the office where I updated our website and Facebook pages. I caught up on office paperwork and then we went to our workshop!

5/11/13 Saturday - CBCW- Stacks Bay

5/15/13 Wednesday - In the office with Michele and Therese. We talked about our presentation tomorrow for the 5<sup>th</sup> graders and I spent a majority of the day preparing a power point and other materials for it. I caught up on emails, helped Therese with some of the storage area organization & the yard sign designs, and also finalized the design for the Northwoods Expressions banner.

5/16/13 Thursday - In the office with Michele, Therese and Nancy for the morning. We had a team meeting. I worked on finishing the power point presentation for the afternoon and walked Michele and the team through it. Michele and I went to the Wisconsin River to collect mussels for the presentation. Then we went to Central Intermediate School for Mrs. Hunter's 5<sup>th</sup> grade class. Our presentation went well. We talked to the kids about Zebra Mussels and Sea Lampreys. They enjoyed the hands-on things (preserved Sea Lamprey, live mussels, buttons, and hand-outs). The class was very aware of invasives and were thrilled to learn more info about

specific ones, plus we brought treats! Michele and I finished our day in the office where I started to work on a presentation for the Three Lakes library.

5/17/13 Friday - Therese and I went to CAVOC for an event for area 3<sup>rd</sup> graders. We hosted a station where we played the crayfish game. Our station went smoothly. The kids enjoyed running around and took away at least the idea that Rusty Crayfish are bad in our waters. Afterwards we went to Boom Lake, Hodag Park landing and completed our day doing CBCW.

5/26/13 Sunday - CBCW @ Willow Flowage

5/28/13 Tuesday - Office day with Therese. We prepared for the 5<sup>th</sup> grade class that we are hosting an outing for tomorrow. We needed to find a boat to use, prepare a written activity, go out and find aquatic plants, make more buttons, pack all materials.

5/29/13 Wednesday - Today we had Mrs. Werner's 5<sup>th</sup> grade class out at Hodag Park from 10am-2pm! I got to the landing at 8 am to get the rental pontoon from Schroeder's set up. It was a blast! There were 25 students and we split them into 3 groups. We had one station on the pontoon boat looking for weeds, on station (mine) that had a played the Plant Detective game that I created and also the Crayfish game, lastly we had a station with John Preuss doing DNR warden/CBCW. The kids seemed to have a lot of fun and they learned quite a bit. The games went over really well. They loved the boat ride, and seemed to enjoy CBCW inspections.

5/30/13 Thursday - Started the day by digging up more Purple Loosestrife plants with Therese at Quality Inn. We returned to the office to prepare for our work experience kids. When they arrived we finished sewing the PL nets, put together some citizen monitoring packets, and threw them a small graduation party. They were so excited to tell us all about graduation and how much fun they had working here. After they left, Therese and I blew up the bumpers and then met with Michele and Nancy for a team meeting. In the afternoon we had a training session at the DNR office/Hodag Park for the observation monitoring that we are starting this weekend.

6/2/13 Sunday - CBCW with Therese. We did the observation study at Rainbow Flowage, Sand and Dam, and Stacks Bay. We worked as a team, I asked the boaters to participate in the Recreation Boaters Survey as Therese observed their AIS prevention steps.

6/3/13 Monday - Office day with Therese. We attended a Northwoods Expressions meeting with Jean and Tim where we discussed our media outlets. Afterwards, I created a press release for the event. Therese and I finished planting and setting up all the remaining Purple Loosestrife roots. We completed the list of office work that was left to us on the board. (ordering supplies, writing activity reviews, etc..) I

finished my day with working on making buttons for the kids to color in at Family Fishing Fun day.

6/4/13 Tuesday - Early Detection Workshop at Kemp Station with Michele, Therese, and Nancy.

6/5/13 Wednesday - Office day with Michele and Nancy. We got together and made a plan for placing the rest of the bumpers out. Then the work experience students got here and I helped them get together with Anna and finish the project they were working on with her. Afterwards, I met with Shelley and get her a plan for the next few days- they are going to place some bumpers for us! I got her all the supplies and made sure she knew how to use all of them. She also took some Northwoods Expressions posters to place around town using the list of places that Therese had made for her. Michele and I updated social media and the website. I then worked on the poster contest traveling board and a new board for our program to use at Saturday's event.

6/8/13 Saturday - Family Fishing Fun Day! We participated in this community event by having our own station. We got there early and set up. We had preserved specimens, microscopes, live specimens in aquariums, purple loosestrife plants, and a button maker to share with everyone. All the kids loved the button maker, we had buttons that they could color themselves and nearly every kid participated. The families really enjoyed learning more about the AIS in the area and looking at all the specimens.

6/9/13 Sunday - CBCW at Willow. Boating traffic was pretty slow for this landing today- it was cold and rainy most of the day. By the time the weather cleaned up most campers were long gone!

6/10/13 Monday - In the office with Michele and Therese. Therese and I started by organizing the office and putting away everything from Saturday's event. We worked on getting some materials gathered for the event this weekend, our presentation for Three Lakes next week, and working with Deb S. with our results from the observation study. I ran to Schroeder's to finish things up from our rental the other week.

6/11/13 Tuesday - In the office with Michele and Therese. The Northwoods Expressions banner arrived today! Michele and I put it together and took pictures to share with the group. I was working on the Three Lakes Library power point presentation on and off throughout the day. We had a team meeting with Nancy on speaker phone and set our plans for the next few weeks. Therese, Michele, and I went out into the field (Quality Inn yard) and collected some beetles for our Purple Loosestrife plants. Therese and I placed them on our plants after returning from Menards where we purchased a cooler and other supplies for the Draining Campaign on Saturday.

6/15/13 Saturday - CBCW/Draining Campaign at Willow Flowage. Therese and I did CBCW at the main landing and we also handed out ice packs and ice as part of the Draining Campaign. The ice and ice packs were well received. It was raining out most of the day so we did not get as much traffic as we would have liked.

6/16/13 Sunday - CBCW/Draining Campaign at Boom Lake (Hodag Park). Beautiful day! The boating traffic was slow in the beginning and really picked up around noon. There was a Walleye tournament on the lake and we caught many of the anglers as they came off the lake. Many really liked the ice packs. Therese and I also tried to catch crayfish with no luck. We shot some videos we needed for our upcoming Three Lakes Library presentation and then I finished the day in the office finishing up our power point for that presentation.

6/19/13 Wednesday - Michele, Therese, and I rented canoes and went to Stacks Landing where we worked on getting rid of the Yellow Iris. We canoed out into a bay and pulled and cut the iris and bagged it in garbage bags. The newspaper, Lakeland Times, and the news crew, Channel 12, were there and documented the experience. Therese and I collected Purple Loosestrife beetles from the area afterwards. Her and I then switched gears and went to the Three Lakes Public Library and hosted our presentation, "Malicious but Delicious."

6/20/13 Thursday - Therese and I hosted a program for the work experience students at Hodag Park. There were 7 students and one teacher that attended. John Pruess joined us, in Water Guard uniform, and assisted us teaching the kids about CBCW and the laws of the water (lifejackets, weeds, etc...). Afterwards Therese and I collected more Purple Loosestrife beetles (over 100!) I got back to the office, released the beetles into our plants, and packed some materials for Saturday.

6/22/13 Saturday - Lac Du Flambeau Lake Fest with Therese. Therese and I set up and worked a table at Lake Fest. It was great! We set up a display/game- "Guess Which is the Invasive." We set up a group of flowers (PL lookalikes and a Yellow Iris), tubs of aquatic plants (EWM, Clasp Leaf Pondweed, and Coontail), and an aquarium (tadpoles, Bladderwort, Chinese Mystery Snails, and mussels). Everyone seemed to really enjoy the tadpoles. We had a lot of great questions.

6/25/13 Tuesday - I met Jennifer from the DNR at Hodag Lake and her and I surveyed the lake. Afterwards I went back to the office and caught up on my SWIMS data entering. Michele and Therese were in and we planned out our next two weeks.

6/26/13 Wednesday - Therese and I attended a Plant ID Workshop at Kemp Station.

6/27/13 Thursday - Michele and I worked in the office in the morning. I got information ready for Saturday, updated social media, and uploaded pictures. I went to the DNR office to meet with Sandy to identify some plants. We then went and got a canoe from Mel's and proceeded to go look for plants for our presentation on

Saturday. We went to Goodyear (the storm was coming in)...we then went to Hancock Lake which was really mucky and stained....then we tried Oneida but there were not the weeds that we wanted....so we went to Nose Lake and we were going to survey it while we were there, I jumped in and started to snorkel and the storm started again ☹ We grabbed some plants and went back to the office.

6/29/13 Saturday - Katherine Lake Fest with Michele. Michele and I met up at Stack's Bay to finish collecting our specimens for the day. Afterwards, we went to Lake Katherine for the Lakes Fest where we met up with their Lake Association (who was hosting the fest.) The weather was rainy, cold, and overcast all day. We didn't get as much attendance as we hoped for. The visitors that we did get were very interested in all we had to show them, I feel that those that stopped learned quite a bit and it made us being there worth it!

7/1/13 Monday - Hand pulling EWM @ Lone Stone Lake. Michele, Therese, John P., Katerina (DNR), Logan (DNR) and I hand pulled Eurasian Watermilfoil all day at Lone Stone Lake. Therese and I brought two of the "real estate" signs to Three Lakes and put them up for the week of the 4<sup>th</sup>. (Intersection of A and 47)

7/4/13 Thursday - CBCW- @ Manson & Hancock. I stopped at Squash Lake after I had been at Manson to drop off the give-a-way towels. Stephanie B. and Jean were there doing CBCW. As soon as I stepped out of the truck they alerted me to a situation that they were dealing with- a jet ski that had come directly from Minocqua Sport Rental was attempting to launch with EWM on it. Stephanie/Jean had stopped the renters from launching and were quite upset at the situation. There was another man from the lake association present that was assisting the renters in removing the vegetation. Stephanie took me aside and asked what could/should be done. I called Michele and John Preuss- we then got a hold of warden, Jim Jung. I explained the situation to Jim and he was immediately on his way. Jim was on scene within 10 minutes and took over from there. A ticket was issued to Minocqua Sports Rental and the renters received a lecture from Jim. Jim, Stephanie, Jean, and I were very satisfied with the outcome.

7/5/13 Friday – CBCW - Willow Flowage- beautiful day! No excitement today ☺

7/6/13 Saturday - CBCW @ Rainbow Flowage, Sand & Dam, Chain Lake, then back at Rainbow

7/7/13 Sunday - CBCW @ Willow Flowage

7/9/13 Tuesday - Michele and I went to Horsehead Lake and met with property owner, Dennis, regarding their EWM. Dennis took us out on his boat so we were able to verify the coordinates of EWM reported. Michele and I snorkeled some to look at the EWM stands but were unable to see much due to all the algae in the lake. We talked with Dennis and gave him a brief EWM info session, went over info

regarding hand pulling with scuba divers, and answered any other questions that he had regarding the two. Afterwards, we went back to the office and I updated social media, downloaded pictures from the past week, watered/checked on the PL plants, shopped around on the internet for our pens and pencils, and cleaned up the office a little bit.

7/10/13 Wednesday- Started in the office with Therese where we caught up on entering our CBCW data and data organizing things. We then packed up the vehicle and went to put out our Purple Loosestrife plants into the field because the beetle larvae were ready! We placed the larvae at Quality Inn, Hatchery, Stacks Bay, Big Carr, and Little Carr. While we were at Big Carr we conducted a snorkel survey. We found Chinese Mystery Snails that were not previously identified at the lake. We will be giving the snails to the DNR to validate.

7/13/13 Saturday - CBCW @ Oneida Lake, Horsehead and Willow. I met up with Therese at Horsehead and we located the private landing together and installed an AIS sign.

7/15/13 Monday - Michele, Therese, and I helped Lone Stone lake association members hand pull EWM until about 2pm. Afterwards Therese and I took down our 'real estate' signs in Three Lakes and at Hodag Park. We also placed another PL plant with beetles out in the field and tracked the location.

7/16/13 Tuesday - Michele and I were in the office today. I entered all the Lake Katherine data into the workbook. I then helped Michele with odds and ends-making pontoon reservation for upcoming workshop, ran to courthouse to drop off paperwork and GPS unit, tried to release beetles but I was unable to find any PL at location, and I caught up on entering mine and Lake Julia's SWIMS data.

7/17/13 Wednesday- Therese and I went out into the field today. We surveyed for invasives at 3 lakes- Nose Lake, Two Sisters Lake, and Tom Doyle Lake. We found and collected mystery snails at all three locations through snorkeling. We also canoed around the entirety of Nose Lake. We stopped at released PL beetles at a new designated location on Channel Road. In addition, we checked the signage on Spider Lake and checked out a reported new Purple Loosestrife stand from Nancy (it was Pickerel Weed).

7/20/13 Saturday - Observation CBCW @ Rainbow Flowage with Therese.

7/22/13 Monday - I assisted the DNR (Tim P.) with the PI survey on the Willow Flowage.

7/24/13 Wednesday - I assisted the DNR (Tim P.) with the PI survey on the Willow. We finished the survey in the early afternoon. After we were completed I came back into the office where I worked on paperwork, our sign for the fair, I watered our PL

plants, and released some PL beetles in a stand behind the courthouse in Rhinelander.

7/25/13 Thursday- Therese and I went out into the field today. We surveyed Lake Dorothy and Dog Lake for invasives by canoe and snorkel. Chinese Mystery snails were found and collected at both locations, and Banded Mystery snails were also found at Lake Dorothy. The samples were collected, recorded and preserved to be sent in for verification and for the parasite research. We returned to the office with the threat of bad weather- in addition to preserving and recording our samples I work on the information for the fair and cleaning our equipment from the day.

7/28/13 Sunday - "Icing your Catch" campaign- CBCW at Squirrel and Squaw.

7/30/13 Wednesday - I was in the office with Michele and Therese. I finished creating the fair display board for this weekend. I then created the invitations for the award recipients for the banquet. Therese and I went and cut heads off of Purple Loosestrife behind the courthouse and at the Quality Inn site. When we returned to the office, I worked on securing a boat rental for our CLMN workshop, worked on banquet details, and started creating a slideshow for the banquet.

8/1/13 Thursday- Michele, Nancy, and I were in and out of the office today. We started by getting together what we needed to take to the fair, then we took it out there and set it up. We checked on the PL stand off of Coolidge so Michele could check on our beetle damage and document the progress. We also checked on the progress out at the Quality Inn site. We returned to the office where we created some informational signs to use at the fair and cleaned up the beetle rearing area at the airport. Then Nancy and I returned to the fair to complete the set up. Afterwards, we went to the Quality Inn site and finished cutting flower heads off of the PL plants. I returned to the office and worked on putting together some more info to use at the fair.

8/2/13 Friday - Therese and I went into the field today. We started by doing a survey of Curtis Lake by canoe. It was a very nice lake and we did not find any invasives. We looked very hard to find any snails and we did not find a single one. We saw many bryozoans that were the size of footballs. The lake had a secchi disk reading of 10 ft., a very clear lake! After we left Curtis we stopped at the Thoroughfare Landing to look for specimens to take to the fair, we found a couple but there was too much boat traffic and wind to go out and get more in the canoe. While we were there we took the heads off of the Purple Loosestrife plants that were around the landing. Next, we visited Stacks Bay landing to look for specimens. We found a couple more things and took the heads off of the PL plants there. Then, we went to Little Carr Lake and did a survey there. We found more specimens there and we took heads off of the PL plants around the shoreline off the hwy. This was a big stand of PL, it was about 300 ft long. We also checked on the PL plants on Big Carr (only a few) we took off what flower heads were there. Therese and I came back into Rhinelander- we stopped at the DNR office to turn in our collection of snails that we

had preserved for verification. We came into our office, unloaded our equipment and I got a few more things ready to go to the fair with us tomorrow.

8/3/13- Saturday- Therese and I worked together today. We finished collecting live specimens for the fair in the morning. We got to the fair by 9:30 am and had everything set up and ready for viewing when the fair started at 10 am. We sat at our booth until 4 pm. We had quite a few people stop by our booth and engage in conversation with us regarding our specimens. Half the people wanted to see and hear about the mussels, snails, bladderwort, and Water Shield the other half wanted to learn how to properly identify Purple Loosestrife and to hear about our efforts to eradicate it as well as what they can do. Overall, I feel people enjoyed visiting our booth and walked away learning something from it!

8/7/13- Wednesday - Michele and I were in the office for the first part of the day. I caught up on my office paperwork, worked on organizing our PL data, planned out the rest of this week and next week, and got things prepared for the banquet.

8/8/13- Thursday - Therese and I worked in the field today. We stopped at HWY A & 17 to get our PL pot and to check the stand. There was PL there so we cut the heads. Then, we took the canoe out to Channel Road where we worked on cutting PL, what a job! We met homeowner, Ed Weise out there and he stood by and offered us encouragement and carried our full trash bags to the truck for us so we did not have to get out of the canoe. We also met a man, Jerry Z., who had a cabin across the creek from Ed. Jerry was very interested in what we were doing and asked us all kinds of questions. He did not have any previous knowledge of PL but he said he would cut the heads off the plants he saw next year (this was the last visit up north for a while) and if he were around when we came out next year he would give us a hand. We took over seven bags of PL out and we figure we are only about 1/3 done with the job.

8/9/13 Friday- Therese and I worked in the field together today. We checked the PL stand by the bridge on 47 near Stacks, it has really grown and will need to get cut ASAP. We stopped in at Walmart, Rollie and Helen's, Hoggie Doggies, and Minocqua Brewing Co. for donations for the banquet. We received a gift certificate from MBC, a hat and mug from Rollie and Helens, and Walmart said they would consider us. We located where we need to go for access to Rainbow Flowage and then went to Willow Flowage. We did observation CBCW there. I brought Therese back and did some observation CBCW at Hodag Park. Afterwards, I came to the office to bring back equipment, set things out for Nancy for tomorrow, and clean some equipment.

8/10/13- Saturday- Observation CBCW at Willow. Very Slow!!

8/12/13- Monday- Michele and I were in the office for the first part of the day. I got things ready and set out for tomorrow's workshop. I also collected at packed equipment for this afternoon. We then went out and surveyed Shish/Gunlock, I

collected what I believe to be Chinese Mystery Snails- could be Japanese Mystery Snails that I will be bringing to the DNR to check out. I returned to the office and got a few more things together for the workshop tomorrow. I also sent out the E-vites to the award winners for the banquet.

8/13/13- Tuesday- Michele and I hosted the CLMN workshops out at the Thoroughfare. We had 3 sessions, a great turnout, and everyone seemed to enjoy it. Afterwards, I brought all our equipment back and put it away.

8/14/13- Wednesday- Therese and I did field work. We went out to Channel Road to do some more cutting of the Purple Loosestrife. We met landowner, Ed Weise, out there again and he was helping by bagging up all of the cuttings and putting the bags by the truck. We also had another neighbor stop and ask what we were doing. After we explained everything to her, she decided to go home, get her boots on and come out to help!! It was very rewarding to be able to educate someone and then turn around and feel empowered to help. On our way back to the office, Therese and I stopped to re-cut a patch of PL at the corner of HWY 17 and HWY A. This was our second time out there cutting and there were only a handful of plants. Then...we looked across the street. There was another stand of PL that was 400'x200'- our hearts sank and we devoted a half hour to cutting there. We saw 4 other patches off of HWY 17 on our way back. We stopped and cut one (one plant) that was across the highway from Jenny Webber Lake. We noted the other locations and Therese plans to visit and cut those tomorrow while she is out with Nancy. We did make one more stop at Coolidge Road where we cut for the third time. There was only one blossom there ☺!! When I got back to the office, I helped Michele with a few things (updating social media, making banquet invites, and making a couple phone calls.)

8/19/13- Monday- Therese and I went out and surveyed Rocky Run Flowage via canoe. We had found Chinese Mystery Snails that were not previously reported. We stopped at Menards on the way back to get some supplies that were on the list. When we came back to the office we assisted Michele with some things that she needed done for the upcoming banquet.

8/20/13- Tuesday- I started out in the office. Michele and I prepared for my day then I went out and did bait shop visits and stopped at places to ask for donations for our banquet. I also drove HWY 47 and also HWY 17 looking and GPSing stands of Purple Loosestrife. I did stop and cut heads off of two small stands.

8/21/13- Wednesday- I started at the office today, I needed to grab a few things for Michele's and my snorkeling out at Two Sisters Lake. We met up with Ken Mack, who reported seeing EWM out there while scuba diving. He took us out on the water to show us what he saw- Michele and I snorkeled while he was scuba diving. It took him quite a while to find it, and it turned out to be a Bladderwort. Afterwards, Michele and I went out to snorkel at a landing out on Shishebogama Lake. Then, we headed back to the office. On the way we stopped at GPS'd and cut two stands of

PL. We returned to the office to have a team meeting with Therese and Nancy and to work on banquet things.

8/22/13- Thursday- Today we had our banquet! I started the day by collecting invasive plants at Quality Inn for our centerpieces. I returned, created the centerpieces and helped Michele load everything we needed for the banquet into our vehicles. We then headed over to Holiday Acres and set up the banquet hall for the evening. The dinner, the speakers, the audience; everything was great! I received a lot of positive feedback regarding the event from those that attended!

8/31/13- Saturday- Nancy and I met at Torpy Park in Minocqua for the Pig Roast put on by the lakes associations. We set up a table with brochures, snails (Chinese, Banded, and Brown Mystery Snails both shells and live specimens of CMS), stickers, pencils, pads, and hung our flags out for people to see. Nancy mingled out in the crowd and talked to quite a few people and I was at the table where quite a few people came to me looking for information or had questions. It was very nice to be there, the association members seemed to really appreciate it. Afterwards, I went to do CBCW at Madeline Lake. It was a very pretty landing. I talked with one boater and one shore fisherman. I also collected Chinese Mystery Snails and Banded Mystery Snails along the shoreline to turn into the DNR for their snail parasite study.

9/3/13- Tuesday- Michele, Therese, and I were in the office today. We planned out the rest of our week and started making a plan for next week. I updated social media and re-did a lot of our website. I worked on finishing our poster contest calendar.

9/4/13- Wednesday - Therese and I went out to Washburn Lake and to Lake Julia to survey the lake and specifically to look at the Purple Bladderwort. Michele, the DNR, and Lumberjack RC&D have been fielding many calls of concern from property owners on both lakes regarding this plant. We mapped out the areas on each lake that had bladderwort either on the surface, the bottom, or both. We also tried to document the density of the plants that were present. While we were on each lake we also monitored for other invasive plants/animals but did not find anything but Chinese Mystery Snails that were already reported at both. We also harvest seeds of Pickerel Weed and Blue Iris plants for Michele to use for another project of hers. We returned to the office in late afternoon, made a plan for tomorrow with Michele and prepared to be out of the office again.

9/5/13- Thursday - Therese and I met at the office to gather equipment for the field and the canoe for the field today. We then drove to Minocqua to meet Michele and John Pruess at Dam Landing. We pulled what Flowering Rush plants that we could until we had to leave to meet Sandy Wickman and Stacks Bay landing to do the same there. In total, we pulled over 10 garbage bags full of Flowering Rush between the two locations. Therese and I disposed of the plant material via the Highway Department, who took the bags to incinerate them. We then sampled and

monitored the invasive Phragmites stand off of HWY 8. We returned to the office to prepare the samples and ship them out. Then Michele had us go to Quality Inn to cut PL heads and mark plants for next year.

9/7/13- Saturday- CBCW @ Dam Landing, and Lake Nokomis

9/9/13 Monday- Michele, Therese, and I started in the office with a quick team meeting where Michele gave us the "to do" list for this week. Therese and I talked with Nancy and figured out a game plan for this week. Therese and I then went to Menards to pick up supplies, out to Sand Lake/Dam Lake landing where we looked again for the EWM (this time by canoe), flagged Bog Goldenrod in Monaco, collected native seeds for a project, and returned to Rhinelander to cut PL heads at Quality Inn.

-Sand/Dam Landing- we canoed all around and through the different weed beds between the resort and the landing where EWM is reported to be. We did not find a single plant of EWM. We found; Bladderwort, Coons Tail, Water Marigold, some pond weeds, lily pads, sparganium, Bur reed, but NO EWM!

9/11/13- Wednesday - Nancy and I were in the office today. I worked on getting things done from the final list. I created an end-of-season newsletter, ordered the pens (which took a very LONG time because the computers were not cooperating!), got all of this summer's pictures and videos organized onto USBs, tidied up the office, and wrote a report on our experiences out at Sand/Dam landing.

9/12/13- Thursday - Therese and I were working together today. We started the day by going out to find and map the reported Phragmites stand in Price Co. We were given the approximate location and GPS coordinates by Michele. We found the stand, mapped it with the big GPS, and took a sample to bring back to Michele. The stand appeared to have been cut and treated with something as the leaves were dead/dying and there was not much of a seed head on any of the plants. We returned the large GPS to Art at the courthouse so he would be able to complete mapping the data. On our way back to the office, we stopped and pulled some more of the Flowering Rush by Dam Landing Road. We returned to the office to do our exit interviews with Kerri. Afterwards, we went out into the field; marked some more plants for seed collecting, and cut Purple Loosestrife at the Quality Inn site.

9/13/13- Friday- Therese and I started the day in the office where we finished entering the SWIMS data from the Lake Julia volunteers. We made sure all the reports that needed to be in where in. We then went out to Stacks Bay and videotaped the area where we cut the Yellow Iris. While we were there we found more Flowering Rush beds and documented that as well. We cleaned up the outside area, cleaned up the storage area, and tidied up the office.

## **Therese Hubacher – Daily Reports (2013)**

April 8 - Orientation with Michelle, Cara and Nancy. Discussed schedules, projects and general goals of AIS program. Laminated county maps for each of us to carry on our outings.

April 22 - Helped with preparations for the Champs afterschool program including enlarging photo to poster size for Ledi the speaker from the Teaching Drum to use.

April 24 - Completed preparations for Champs after school program; including getting song bird calls for Ledi to use. Assisted Cara with the "woods" presentation for the kids. Went to Signs and Designs to discuss new stickers for bumpers. The new stickers will reflect the current grant and be more visible (orange backgrounds).

April 25 - Went to Menards to pick up supplies for prepping the bumpers. Spent a little time with Michele and Cara reflecting on the kid's activities from previous day. Discussed ways to improve similar upcoming programs.

Worked with the School to Work kids. Jason has an interest in any outdoors activities and would be excited to participate in time at the boat landing or any special projects. Anna had helped inventory the bumpers earlier in the week and was well acquainted with where things were and what to do was needed. Shelly, the teacher was extremely accommodating and willing to transport the kids to any locations that we need.

May 6 - Received ice packs for giveaway. Moved Oneida and Vilas County's to the basement storage area and left remaindering the lot for John to pick up and distribute to WDNR and Lumberjack Association. DNR received 600 (24 cases of 25/case). Met with Gary from Airport Maintenance about removing old items from our storage area. Contacted Libraries (Three lakes, Rhinelander and Minocqua) and Elcho school about poster submissions that were due on 5/3. Went to Minocqua to pick up entries and John went to Elcho School. Prepped stuff for Nancy to distribute to restaurants and bait shops. Organized work for School to Work kids for Tuesday morning.

May 7- Helped with poster judging and laminated the winners. Met with Michele and crew to discuss schedule and go over "message" for the boat landings. Worked with Cara on updating Web site with report on opening weekend and reviewing the Northwood's Expressions rules.

May 8 - Northwoods Expressions meeting, finalized rules and venue location. Prepared for purple loosestrife workshop including purchasing soil. Helped Nancy with details on distributing napkins and placemats. Discussed boat landing schedule. Workshop ran from 4:30-6:30 p.m.

May 9 - Helped kids get started on bumpers –completed 30 and have about 8 to finish cleaning. Finished weekly reports and mileage report.

May 10 - CBCW, began at Boom Lake with Nancy demonstrating her approach for Cara and I. Moved to Stacks Bay landing and had 8 boats put in. We encountered all different attitudes. The first boater was knowledgeable but seemed initially a little annoyed with having to answer questions. After talking to him we discovered he had had a number of bad experiences with a volunteer at Flambeau flowage who actually got in his boat and started inspecting his boat. He told us he appreciated our approach and believed in the program just didn't like the "Weed Nazi". A guide from Boulder Junction expressed displeasure in the program and said he did not follow the laws. Most of the boaters were supportive and well educated in the subject matter. Showed Cara the way to landing on Mid Lake and checked out the landings at Indian Shore and Lake Tomahawk. The bay at Indian Shores was still iced over and no docks were in. Dropped off medal for one of the contest winners.

Sunday, May 12 - CBCW at Stacks Landing. Only one boat and 2 docks were launched. Snow on the ground and flurries in the air. Ice was finally out at the landing at Indian Shores.

Tuesday, May 14 - Entered data into SWIMS. Made corrections and checked every 10<sup>th</sup> entry into the Lake Katherine AIS survey from 2012.

Wednesday, May 15 - Finished organizing the storage unit. Worked on signs that will be placed near landings on busy Holiday weekends. Organized the bumper project for the kids to work on Thursday and gathered info for distributing the bumpers to landings.

Thursday, May 16 - Had a staff meeting to discuss hours, projects and landing schedules. Went to Central School to distribute the winners of the poster contest. Michele and Cara did presentations on mussels and lampreys. Finished the mock up for the signs and incorporated changes that Christal Campbell of the WDNR would like to see.

Friday, May 17 - Participated in the 3<sup>rd</sup> grade class at CAVOC. Cara and I played the Rusty Crayfish game. We learned a few valuable lessons, keep the information very basic, simplify the game so that there are less rules, the graphing portion of the game is lost on this age group, and the closer you get to lunch time the less of an attention span the kids have. Overall the game was a big hit and will have peaked the kid's interest in some way. They may not get the concepts but they will remember the name Rusty Crayfish.

Spent the remainder of the day at Boom Lake landing. We put one bumper on so that we can explain it to the HS work study kids and prepare them for helping with this project. We talked to several people about the CBCW program including Jim Jung (who had just ticketed one of our survey people). Gunder Paulsen, Rhinelander Parks Director informed us that the landing will be redone this summer which will impact our surveys and the traffic at this landing. CBCW.

Saturday, May 18 - CBCW at Boom Lake Landing (Hodag Park). 8 hours

Tuesday, May 21 - CBCW training in Minocqua. Caught up with some office work. 1.25 hours CBCW at Boom Lake

Wednesday, May 22 - Prepared for CHAMPS program. Inventoried the supplies for PL beetle project. Worked with CHAMPS kids on a Public Service Announcement on AIS.

Thursday, May 23 - Planted purple loosestrife plants that we gathered on Wed. and rearranged planting. Prepared for distributing the poster winners awards at MHLT. Worked with students from work experience program and met with Shelley to discuss schedule for the summer students. They have 2 full weeks of summer school and will be looking for projects.

Friday, May 24 - Presented awards for the poster contest winners at MHLT. CBCW at Stachs Bay, Lake Tom and Indian Shores. Stopped at Little Carr to take call from Cara and talked to a canoe putting in at landing. On way back to town checked out dock locations on the Wisconsin River to see if the bumpers could be installed. No docks that were on our list were in the water and neighbor said these are carry-in landings and no docks will be installed. There is a dock on Bridge Road right off of HWY47 that would work well for bumpers.

Saturday, May 25 - CBCW at Boom Lake Landing (Hodag Park). Very busy morning and early afternoon. Met with Shelley with plans of having Student workers install bumpers but no students showed and landing was too busy to do that work. We discussed bumper placement and schedule for the summer. Went to Apperson Drive at end of day when Boom had been quiet for a long time and installed one set of bumpers and talked to one boater. (8 hours)

Tuesday, May 26 - Prepared for the program with the 5<sup>th</sup> graders. Collected plants from Manson and Crescent Lake for use with kids.

Wednesday, May 27 - Spent the day at Hodag Park with 5<sup>th</sup> grade class. Very well organized and a big success!

Thursday, May 28 - Last day for graduating girls with the School Work program. Prepared the kits for early detection training. Helped sew the remaining nets for use on the purple loosestrife beetle project. Had observation training in the afternoon with Deb Seiler of WDNR and practiced at Boom Lake. Ordered signs for landing blitz from Signs on the Cheap. Signs should be in office by June 15. They will then be placed at various locations thru out the area.

Friday, May 29 - Clean Boats observations on Nokomis and the Willow (8 hours). Willow was busy but not a lot of boaters leaving the water until a storm rolled in late afternoon. One landing on Nokomis is no longer in use. The other landing off of N was busy but only a few boats were leaving. Observation work requires a good location to sit both in the vehicle and out of the vehicle. Main landing at Willow not great for car work but excellent for observations from various locations outside (fishing pier, sitting

area and other side of dam), landing on Willow Dam road landing good from many vantage points. Landing on N on Nokomis has a great picnic area and parking spot.

Saturday, June 1 - CBCW observations at Rainbow flowage, Stachs Bay, Indian Shores landing and Lake Tomahawk. Found a lot of boaters exiting Pickerel Lake right before the storm blew in so added this lake to the list of surveyed lakes. (9 hours)

Sunday, June 2 - CBCW observations using recreation questionnaire with Cara at Rainbow flowage, Stachs Bay, Indian Shores and Sand and Dam (10 hours). Very quiet boating day so there were not a lot of people to interview at any of the landings.

Monday, June 3 - Northwoods Expression meeting, caught up on weekly reports and updated hours. Met with Shelley to discuss the work experience kids help by fill the 400 bags for Family Fishing Funday. Worked with Cara to finish write ups on the 3<sup>rd</sup> graders at CAVOC and the 5<sup>th</sup> graders at Hodag Park. Finished planting the Purple Loosestrife plants. We have a total of 36 plants in pools.

Friday, June 6 - Discussed the preliminary results of the Observation study with Michele and made a few notes of things to discuss with Deb about the forms. Field work collecting samples for the Family Fishing Funday: including collecting plants on the WI River and muscles. Loaded up for the supplies for Saturday.

Saturday, June 8 - Family Fishing Fun Day at Hodag Park.

Sunday, June 9 - Distribute bumpers to Bridge Road (WI River), Horsehead Lake, Willow (replaced), Dorothy, Hasbrook, Stachs (Lake Minocqua), Carrol, Madeline, Woodruff Fish Hatchery (off J), Clear, Hancock. (9 hours)

Monday, June 10 - Worked on Icing Campaign and presentation for Three Lakes Library.

Tuesday, June 11 - Collected beetles for purple loosestrife plants. Team meeting. Purchased a large ice chest for icing campaign for the weekend. Team meeting. Worked on entering data into SWIMS. Figured out the number of hours spent on CBCW (80.75).

Wednesday, June 12 - Responded to Deb Seiler's evaluation of the Observation form. Worked on presentation for the Three Lakes Malicious but Delicious. Updated the weekly board. Collected beetles. Helped Nancy with her questions. Entered data into SWIMS.

Thursday, June 13 - Off

Friday, June 14 - Off

Saturday, June 15 - Icing campaign at Willow with Cara. Cold and rainy (9.5 hours)

Sunday, June 16 - Icing campaign (8hours) at Boom Lake (Hodag Park) Slow start but got crazy due to Musky Tournament. While at lake we made a couple videos, one for catching crayfish, Iris and lakeshore and one for caching beetles.

Monday, June 17 – Off

Tuesday, June 18 – Off

Wednesday, June 19 - Did a few hours of CBCW at landing before Cara and Michele arrived. Then we pulled yellow iris on Stachs Bay after that we collected beetles in the Woodruff area. Did **Malicious but Delicious** presentation at Three Lakes Library in evening. Not many attended but they were already familiar with Yellow Iris due to Michele's Channel 12 news story from earlier in the day. We put up the Northwood's Expressions banner at the park in Three Lakes for the next evenings program.

Thursday, June 20 - Had a program for Shelly Lehman's Work Experience kids. It went well but their attention was pretty short. They loved working with John on CBCW. They also enjoyed lunch and trying the Rusty Crayfish. After we finished Cara and I went and collected specimens and prepared for Saturdays program.

Friday June 21 - June 22- 28, 2013

Saturday, June 22 - Attended Lakes Fest in Lac du Flambeau. Cara and I collected both native and non-native specimens . We set up a fish tank with tad poles and mussels. This was the biggest draw to our display with children coming over to look and opening up opportunity for us to discuss invasive with them and their parents. We also had yellow iris and blue flag, purple loosestrife look a likes and our beetle project. The attendance was great but we were surprise how many attendees did not know about invasive. Our handouts were a hit especially the pads of paper and the pens. (10 hours)

Sunday, June 23 - CBCW. Started at Horsehead then hit small landing just down the road to talk to 1 boater, went on to Stacks Landing and saw my first weeds on a trailer. Did several quick visits to landings that are all on route back home. Finding out that many of these landings have non-motorized boats and many the operators are not even familiar with the laws or the CBCW program. These landings are great for outreach since so many people are there swimming and hanging out. I spoke to dozens of people at these little landings and while the numbers are not reflected in the Inspection Report (because they aren't actually boating) these contacts have been really positive and upbeat and a welcome change from the too often crabby responses I had earlier form the busy landings. (9 hours)

Monday, June 24 - Off

Tuesday, June 25 - Worked with Michele to do a survey of Goodyear. We followed up on a report from an employee from Mel's who was concerned about plants are the outlet

of the lake. We saw the plants that did in fact resemble purple loosestrife but it was water willow. We found a nice mix of large leaf pond weed, coonstail, bladderwort, lilies, and Cara. The only plant of concern was a water forget-me-not that is growing in the inlet and is actually starting to form mats in some locations. Put up new sign at Hodag Lake landing.

Wednesday, June 26 - Plant Id workshop at Kemp Stations. The training was great, lots of information, fast paced and very detailed. Our breakout session was with Brock Woods of the WDNR. He was so interesting I wish that I had 8 hours of just his training. We stayed after the training and discussed the loosestrife beetle and our Iris problem. (10 hours)

Thursday, June 27 - Off

Friday June 28 - Off

Saturday, June 29 - Off

Sunday, June 30 - Off

Monday, July 1 - Lone Stone Lake (EWM pulling). Put up roadside signs in Three Lakes for CBCW for the busy weekend. (10 Hours)

Tuesday, July 2 - Off

Wednesday, July 3 - Office work, went to Northwoods Expressions meeting, helped with scheduling the month and upcoming weekend, started marking DO meter, collected beetles.

Thursday, July 4 - CBCW and started collecting trailer data (roller vs Bunker) Apperson, Horsehead, Stachs, stopped at Big Carr on way home to look at trailers. (8 hours)

Friday July 5 - CBCW at Nokomis (8 hours).

Saturday, July 6 - CBCW Started at Stachs much quieter than the 4<sup>th</sup>! The wind has brought in a lot of weeds and as boaters are leaving they are dragging a lot of weeds. Found EWM on several trailer. Went to Squirrel after it was really quiet at Stachs. The main landing off of Kolbart was quiet possibly due to a Lake Association party I saw advertised coming in to the landing. Couldn't find the landing at Squaw (I think the sign had been removed) I had no cell phone coverage so couldn't even call anyone to ask. I went to the landing off of Squirrel Road it was strange and crazy busy. One side is a private landing manned by a guy directing traffic. The road is mostly private parking and I couldn't even get close to the landing to even stop. (8 hours)

Sunday, July 7 - CBCW Started at Stachs super quiet! Moved on to Clear had good conversation with group of boaters who had never heard of CBCW. Went to Carroll

which had a lot of boats but not a lot of people moving. I and ended the day at Apperson. (8 hours)

Monday, July 8 – OFF

Tuesday, July 9 - OFF

Wednesday, July 10 - Started out day in office organizing stuff and figuring out schedules. Had a team meeting. Went with Cara to put 13 Loosestrife plants that were had beetles and larva ready. Went to areas where we originally collected beetles (fish hatchery, Quality Inn, Stachs near the HWY bridge). Also put them at the Stachs landing, Big Carr and Little Carr landings. Surveyed Big Carr near landing and shore. We found what appears to be Mystery snails. Collected the snails and filmed the minnows that were swarming near shore (and biting us). Cara found rocks she thinks has gold in it ☺ (10 hours)

Thursday, July 11 - Talked to Laura Herman about preserving specimens we collect from lakes we are surveying and sending in for identification. She was super helpful and gave us supplies (specimen bottles and bags, 2 gallons of 95% ethanol, labels for bottles, solution for hydrating the lamprey eel specimens we have). Watered purple Loosestrife plants and combined them into 3 pools, went to Pelican Lake landing off of CTY Q and replaced old sign. (4 hours)

Friday July 12 - Off

Saturday, July 12 - CBCW Started at Horsehead. Not a lot of activity. Went to Hasbrook right outside of Lake Tomahawk. The landing had a few trailers but only one trailer came out while I was there. Checked on Bryozoan on the dock and it was still attached. Went back to Horsehead to install sign at private landing. Couldn't find the landing because I wrote down the wrong road so called Cara (who was scheduled to come to Horsehead later in the day) she met up with me at Horsehead main landing and we were able to locate the landing on Trout Road and hang sign. Went back towards town in hopes of having some office time to catch up on weekly reports but after stopping to hang sign at Charlie's Landing on WI River and talking with a couple of boaters I only had an hour to work on paperwork and water PL plants. (7 hours CBCW, 1 hour other)

Sunday, July 13 - Off

Monday, 14 - Pulled EWM at Lonestone with Cara, Michele and 2 lake association members (Jim and Bob). Put out PL beetles at the intersection of HWY 45 and CTY A near AVCO. Picked up signs at Three Lakes and Hodag Park Landing. Stopped in town and got coordinates for Dames Rocket and Burdock on Evergreen Court and Doyle Street.

Tuesday, July 15 - OFF

Wednesday, July 16 - Started morning with Cara and Michele planning the weekend schedule. Went to Nose Lake to survey the landing and canoe the shore looking for invasive. Found mussels near landing. Stopped at Perch Lake shelter to check it out for the Northwood's Expressions on 8/7. Cara took pictures. Stopped at Townline Lake to check out Nancy's possible PL sighting by beach (it was pickerel weed). Went to Two Sisters and then Tom Doyle and did a survey of the landing/beach. Cara filmed at Two Sisters. Stopped at Spider Lake landing to see signage. Went via Spider Lake Road to D to Channel Road and dropped off PL beetles at big stand on the channel. Came to office and Cara wrote up reports on the lakes we surveyed.

Thursday, July 17 - Office hours. Cleaned off the board and updated information for scheduling and things to do to prepare for the upcoming events such as the lakes we need to monitor, where signs need to be put up and which ones are complete, updated CBCW totals and made list of things we need to catch up on ( such as the sign info in SWIMS). Put together Jean's fancy weed puller. Talked to Michele briefly about the banquet and the Fair. Worked on my mileage report from May 8 on and entered it into spreadsheet (still need to complete a few totals). Took care of plants and finished unloading stuff from my car from previous weeks work. Got forms for weekends observations CBCW. Made copies of forms we need to complete and hung them on the board.

Friday July 18 - CBCW observations at Stachs and Lake Tom. Lake Tom city landing was unmanned in the morning and I was able to catch a few boats coming out. Stachs difficult because there was a tournament going on and little room in the lot after 1 hour and 45 minutes no one had left...not even when we had huge down pour. Went to Indian Shore across the lake and was more successful. The weather was scary and waves huge but still the boaters kept going out! (8 hours)

Saturday, July 20 - CBCW Observation data/Boater survey. Cara and I started at Nokomis off of CTY N. The landing had several trailers when we arrived but was pretty quiet. We moved to the landing off of Y and it was loaded with trailers. Not a lot of traffic leaving water until early afternoon when a mass of people left and we got super busy. It was a good location for seeing if the boaters were inspecting and following other rules. (10 hours)

Sunday, July 21 - Started out at Rainbow off of D. Very few trailers and only 2 boaters came out while I was there. Moved to Sand/Dam and there was only one trailer so I backtracked and went up to the landing off of J. Better luck there that landing but still only ended up with 4 trailers. Went back to Sand/Dam and ended day there. The beginning of the season it had been very busy at these landings. It must be fishing issue. Watered PL plants at Airport. (8 hours)

Monday, 22 - Off

Tuesday, July 23 - OFF

Wednesday, July 24 - Off

Thursday, July 25 - Met with Michele in the morning to discuss plans. Surveyed Dorothy and Dog Lake. Dorothy was a beautiful clear hard bottom lake with a rocky shore on one side and sand on other. Took a secchi disc reading of 17.5 feet. We surveyed the shoreline and the landing. There were several blue flag iris in bloom and possibly a yellow iris that had set the seed pod. We found Chinese Mystery snails on the shoreline and collected for preservation and identification. Went on to Dog Lake landing which required 4-wheel drive and even then was a bit scary! The landing was a long sand road that I got stuck in a couple times. It was well worth the effort. The lake was full of a variety of vegetation and dark water. Secchi disc reading of 3.5 feet. We found several samples that looked like curly-leaf pond weed and EWM. But after looking closer we decided that we were looking at native but we brought them in for verification. At the landing we found Banded Mystery Snails and Chinese Mystery Snails. We collected them for preservation and verification. The outlet to the lake was one of the most incredible finds of the summer. Not only was it beautiful we also discovered a shore of dozens of large bryozoans that looked like rocks. Cara also found and collected a sample of a fresh-water sponge. Of course our camera was back in the truck! The inlet to the lake was lined with a healthy stand of cattails and swamp milk weed. We found a strange snake-like critter that we brought back and after much debate by our office and the WDNR we decided was a rubber lure!

Friday July 26 - Office work. Worked on list that Michele had put together. Updated SWIMS with sign information for (Pelican, Hodag, and WI River) contacted Jennifer to add the Horsehead private landing off of Trout Road. Couldn't enter the info for Hildebrand because it is in Lincoln County. Filled out SWIMS for the lakes we have surveyed for AIS (Goodyear, Big Carr, Nose, Two Sisters, Tom Doyle, Dorothy, and Dog) Filled out the Aquatic Invasive Animals form from the CLMN web site ([www4.uwsp.edu/cnr/uwexlakes/clmn/](http://www4.uwsp.edu/cnr/uwexlakes/clmn/)). Nose, Big Carr, Dorothy and Dog all had Chinese Mystery Snails which previously had not been identified in the lake. Dog also had Banded Mystery Snails. Finished 2 write ups for our lake survey for Dorothy and Dog lakes. Finished Weekly Report

Saturday, July 27 - CBCW very quiet at the landings. Started out at Manson, it was the first time I had been there in an official capacity. It was cold and wet only 2 boats went out and one was already at landing. No interest in the lovely ice I offered them but they did take an ice pack. I think they thought I was crazier than them being out on this unseasonably cold morning, so they kindly accepted the ice packs. Went to Hancock and saw one boater! So on to Oneida which had no one. Feeling a bit like I was not hitting the hot spots I headed to the busy landing at Nokomis. Not one car or trailer. I even took a picture and sent it to Cara because she knows how busy that landing can be! (8 hours)

Sunday, July 28 - Started out determined to "earn my keep" on this 49F morning, drove into Boom and it was already manned by Al of the WDNR. He was checking the one trailer in the lot....normally there are a dozen on a Sunday morning. On to Sand/Dam and talked to 3 boaters. After no more traffic for a few hours I went to Rainbow landing on D. Not one trailer only a lowly sad looking person I assume was the CBCW person from WDNR sitting huddled on the dock. I moved on to the landing on J and hit it big with 4 boaters. Ended the day checking out Holbrook and sadly realizing the Bryozoan I have been watching were no longer attached to the dock....but I talked to 2 boaters. (8 hours)

Monday, 29 - Off

Tuesday, July 30 - OFF

Wednesday, July 31 - Finished up with the samples that Laura Herman will be taking to LaCrosse next week. Responded to request for more info on Horsehead Lake landing on Trout Road. Sent a Google map with arrow on it showing the location of the landing. Sent email to Hext Theater asking for someone to volunteer to entertain at our banquet. Went out to cut purple loosestrife with Cara by the Court House on Coolidge Street, then we went to check out the spot on River Road where we can put new sign and collect loosestrife look-a-likes. Since we have our pruners and were driving right by us stopped at a patch of 5 foot tall Burdock on Evergreen Court and cut it down. Then on to Quality Inn to cut more purple loosestrife....it was overwhelming and we cut till we couldn't stand it anymore.

Thursday, August 1

Friday August 2 - Met with Michele to discuss the day, weekend and banquet. Loaded up and went first to Curtis Lake off of HWY 70 outside of Minocqua. Did a survey of the shore and around all the docks, as well as the landing. There are no signs at the landing so I got GPS readings so we can locate it and get a sign installed. No invasive were found at the lake. Went on to the Mid Lake landing to look for samples for the Fair. The lake was very busy and it was windy so we didn't put in the canoe. We just walked the landing. We removed the flower heads off of as many purple loosestrife as we could near the landing. Next we went to Big Carr and Little Carr on HWY D. We did a survey at the landing of Little Carr and then pulled flower heads off of about 300 feet of purple loosestrife on the North side of the road. We then went to Big Carr and cut all the flowers off the Purple loose strife near the shore. This site needs to be revisited in next week or two. On the way back to town we stopped to see if purple loose strife was growing along the road. Then we dropped off the snail samples at Laura Herman's office.

Saturday, August 3 - Started out in the morning collecting purple loosestrife look-a likes and iris. Cara and I went to Hodag Park to dig up some of the yellow iris roots that we had seen earlier in the year. We met Alan the AIS Specialist with the WDNR who wondered what we were up to and why we were digging up roots at the landing. We

chatted with him about his experiences at the landing and the surveys he had done on the WI River the previous week. He told us that the curly leaf pond weed can be found right off of the landing but that it had died back a few weeks ago. We dug up blue flag at my house and saw no difference in the tubers of yellow and blue flag. We went to Pioneer Park and finished our set up. The Fair started out slow but as the day progressed we had great interaction with all ages of Fair goers. The Purple loosestrife was a big draw. Several people stopped to share info on invasive they had seen.

#### Sunday, August 4

Went to pick up the booth at the Fair around 2:30. They were releasing exhibitions at 4. When I arrived I found out the Fair was going until 6 pm. It was very busy and I had to park 3 blocks away. The informed me that I would be allowed to drive in and park near the tennis courts in order to load but all the flea market vendors would be also packing up and I would either park them in or they would park me in. I went home got a large garden cart and packed everything in it and hauled it down the street. Next year it might make more sense to pack up booth in the evening or on Monday morning.

#### Monday, August 5 - Off

Tuesday, August 6 - Worked from home for 2.5 hours. Responded to Michele's emails and converted the documents that Cara had created in Notepad to Word documents and resent them to Michele. Completed weekly report and sent that to Michele.

Wednesday, August 7 Lake Thompson survey with Ryan of WDNR. We surveyed the shoreline including the 3 islands, took drag net samples and snorkeled the 3 landings and 4 points from previous year. There was an abundance of Chinese mystery snails and native brown snails. We needed to collect 30 which we did very easily. The lake also had a lot of mussels, especially at the landing.

Thursday, August 8 - Went to Channel Road to pull Purple loosestrife. Met up with Ed Weise who first identified and alerted us to the problem. On the way we stopped and picked up pot from beetles that we set on the corner of HWY 17 and A. On the way back to the office we stopped at Coolidge St. and removed more flower heads, then we went to find the plants that Michele had seen on HWY 17 S and bypass. We then went to quality Inn but realize that we would need more time to tackle that stand again but as we headed back to the airport we saw a patch on the corner of 8 and 47 and then some near the airport road , which we clipped.

Friday, August 9 - CBCW observation boater survey at the Willow with Cara. Located landing for the Rocky Run Flowage near cranberry marsh.

Saturday, August 10 - CBCW observations at Sand/Dam, Rainbow and Boom Lake. Sand/Dam was kind of crazy due to Polish Regatta and races. Couldn't really be inconspicuous after a while. Went to Rainbow and it was fairly quiet.

Sunday, August 11 - CBCW observations at Rainbow in morning and Boom Lake afternoon. Spent part of the time in my Kayak, which was a great vantage point for this landing. Saw WDNR warden put in and a few hours later take out, people seemed much more attentive to their boats when he was present.

Monday, August 12 – Off

Tuesday, August 13 - 2.5 hours doing reports and checking email.

Wednesday, August 14 - Replaced sign on River Road on Lake Creek. Went to Channel Road to pull Purple loosestrife. Met up with Ed Weise and he assisted us for a few hours. We were later joined by another neighbor who donned a pair of boots and climbed into the water with us. We finished most of the channel and left only a little that is in the water. On the way we stopped at the corner of HWY 17 and A. And then noticed that the other side of the HWY was loaded with about 2 acres of wet lands full of PL. We also notice several patched on 17 on the way back to town. Stopped at Coolidge St. and removed more flower heads. Saw a large patch near Grace Lodge on the HWY 17 by-pass.

Thursday, August 15 - Cut Purple Loosestrife at Little Carr and Big Carr with Nancy. Tried to GPS the new stands on HWY 47 near Fawn Lake Road and Bridge Road but GPS was dead. Office work.

Friday, August 16 - OFF

Saturday, August 17 – Off

Sunday, August 18 - Off

Monday, August 19 - Surveyed Rocky Run Flowage with Cara. Much of the flowage is very weedy and has an oily residue on it, possibly due to the cranberry marsh. Went to pick up supplies for banquet. Worked on getting stuff ready for the banquet.

Tuesday, August 20 - Wrote bio for Tina Van Zile and Theresa Werner. Updated Bios for Sandy Wickman and Tom Rudolph. Started on awards for banquet.

Wednesday, August 21 - Nancy and I went to Long Lake and surveyed the landing. Tried to find the landing on Alva but it was not usable any more. Stopped where the landing showed on the map and gentleman said we could use his are to launch next time. No access on Elna or Liege Lake. Stopped at Harshaw Road near Bearskin Creek to cut lone PL plant. Came back to the office and did some SWIMs.

Thursday, August 22 - Finished prep for the banquet. Finished writing the award info for Ed Weise.

Friday, August 23 - Stopped at office to dispose of the plant material from Thursday and pick up stuff for the weekend.

Saturday, August 24 - CBCW in Three Lakes area. Also did a roadside survey for PL along HWY 45 to Monico and HWY 8 to RHI. Found one large patch on HWY 45. Cut 2 garbage bags full on west side but didn't do anything on eastside because there was a "dead thing" there and it was a very wet area (and almost 90F) Got coordinates for the site.

Sunday, August 25 - CBCW in Three Lakes area. Went to the boat lift on the edge of Vilas County. No boats went over the lift while I was there. Talked to one canoe group portaging. Spent most of my time at Big Lake landings. Stopped and hung sign at Ginty Lake.

Monday, August 26 - Office work. Worked on reports and SWIMS.

Tuesday, August 27 - Went to Sand and Dam Lake with Courtney of the WDNR. We were sent to map the EWM. After monitoring the shoreline and spending time walking the beach areas looking for the reported Japanese Mystery snails we were called Michele to tell her of our findings. Went to cut and map purple loosestrife.

Wednesday, August 28 - Off

Thursday, August 29 - Off

Friday, August 30 - Off

Saturday, August 31 - Off

Sunday, September 1 - OFF

Monday, September 2 - Off

Tuesday, September 3 - Office work with Cara.

Wednesday, September 4 - Went to Washburn Lake to map the bladderwort, took samples, got DO readings, Secchi disc and collected snails. Went to Lake Julia to map the bladderwort, took samples, got DO readings, Secchi disc and collected snails.

Thursday, September 5 - Met John Preuss and Michele at Dam landing in Minocqua to pull flowering rush. Went to Stachs Landing and met Sandy Wichman and pulled flowering rush at that landing until around noon. Took bags of plant material to Highway Department and then headed back to office. Went to HWY 8 Phragmites stand to sample and map the stand. Prepared the samples for shipment via FEDEX. Wrote up report for the work we did on Washburn and Julia. Then went to Quality Inn to cut the never ending purple loosestrife.

Friday, September 6 - Off

Saturday, September 7 - Off

Sunday, September 8 - Off

Monday, September 9 - Took snail samples to Laura Herman at DNR. Went to Menards to get supplies. Went to Sand/Dam Lake to look for EWM. Spent several hours in canoe going through out the bays as described by WDNR employees, but did not find any signs of EWM. Drove to Monico to mark the bog goldenrod for seed collection. Collected fireweed and steeple bush seeds. Went to Hanson Lake Road to check out a report of purple loosestrife but it turned out to be native wildflowers. We collected seed from many of those plants. Went to Quality Inn and recut the purple loosestrife (8 full bags!)

Tuesday, September 10 - Off

Wednesday, September 11 - Worked on reports, mileage and SWIMS.

Thursday, September 12 - Picked up the GPS at the Courthouse. Went to pull more flowering rush at the Dam site. Went to the phragmites site on FS land on the edge of Oneida County and Price. The site is being managed by cutting and herbicide application. Returned GPS to Courthouse. Cut more purple loosestrife at Quality Inn and marked some asters near the gas station. Put some of the stuff away in the storage area. Did exit interview with Kerri.

Friday, September 13 - Worked in the office on SWIMS and filing. Did a little picking up in office and behind the shed. Went to Stachs and checked on the yellow iris. Much of the iris on the islands were under water and not visible. The iris near shore that we managed looked pretty beaten down. We also noticed a lot of flowering rush near the landing point. We videotaped all the areas. Finished clean up around office and shed. Submitted final mileage and turned in key.

SARA MILLS

Weekly Update for 5/19/14 – 6/28/14

**Monday, May 19<sup>th</sup> 2014**

Alyssa and I wrote an article for "Living on the Lake" in the June 2014 edition.

**Tuesday, May 20<sup>th</sup> 2014**

Alyssa and I attended a Clean Boats Clean Waters Workshop session at the University of Wisconsin – Stevens Point. We were given binders containing Aquatic Invasive Species information and the CBCW handbook. We were shown how to use the watercraft inspection report forms and how to log them into the SWIMS database.

**Wednesday, May 21<sup>st</sup> 2014**

Alyssa and I were trained on how to use the GPS for monitoring and prepped presentations for EcoTrek and CAVOC. We assembled our CBCW tool kits with stickers, wildcards, and brochures to hand out at landings. Alyssa, Stephanie, and I went to Lake Thompson to train three young boys how to perform watercraft inspections for their lake group.

**Friday, May 23<sup>rd</sup> 2014**

We went to CAVOC to speak to a third grade class about Aquatic Invasive Species and how to prevent their spread. We then performed CBCW watercraft inspections at the Boom Lake boat landing for the rest of the day.

**Saturday, May 24<sup>th</sup> 2014**

Alyssa and I performed CBCW watercraft inspections at the Boom Lake boat landing all day.

**Sunday, May 25<sup>th</sup> 2014**

I performed CBCW watercraft inspections at the Sand/Dam, Pickerel, and Gilmore boat landings all day.

**Wednesday, May 28<sup>th</sup> 2014**

I entered my Clean Boats, Clean Waters data into the SWIMS database. I wrote my weekly updates. Michele, Stephanie, Alyssa, and I had a weekly meeting to catch up and plan for future events. Alyssa and I prepared supplies for Mrs. Werner's 4<sup>th</sup> grade class. We made laminated cut outs of snails, mussels, and weeds for the kids to tape to a boat that they draw. We laminated information sheets of invasive species as a tool so the kids can draw posters on the invasives. Then we prepared supplies for visiting bait shops the next day.

**Thursday, May 29<sup>th</sup> 2014**

I visited bait shops in Rhinelander and Three Lakes to hand out brochures and flyers about invasive species. I checked out some of the boat landings in Three Lakes to see if they had docks out, volunteer inspectors, or boaters. After that I inspected boats at Crescent Lake for CBCW.

**Friday, May 30<sup>th</sup> 2014**

I inspected boats for CBCW at Pelican Lake

**Saturday, May 31<sup>st</sup> 2014**

I inspected boats for CBCW at the Willow Flowage

**Tuesday June 3<sup>rd</sup> 2014**

I entered my Clean Boats, Clean Waters data into the SWIMS database. I update my monthly mileage forms and turned them in for the committee meeting. I wrote my weekly updates for 5/28 – 5/31. Alyssa and I updated the contact information for bait shops in the county because the one we had been using was outdated. Michele, Stephanie, Alyssa, and I had a weekly meeting to catch up and plan for future events. Michele, Stephanie, Alyssa, and I hand pulled purple loosestrife plants near HWY 8 and potted them for beetles to be raised on. We retrieved boat bumpers and plant potting supplies from UW-Extension. I wrote a summary for the 3<sup>rd</sup> grade CAVOC event we attended. Alyssa and I started writing our articles for the newsletter.

**Wednesday June 4<sup>th</sup> 2014**

Alyssa and I finished our articles for the newsletter. Stephanie, Alyssa, and I then attended training with the DNR where we learned to back boat trailers, use zebra mussel and spiny water flea nets, monitor for aquatic plants, and disinfect our watercraft equipment.

**Thursday June 5<sup>th</sup> 2014**

Michele, Stephanie, Alyssa, and I held an event at the Boom Lake boat landing for Mrs. Werner's 4<sup>th</sup> grade class. Alyssa and I videotaped the kids doing public service announcements regarding Aquatic Invasive Species. After the event, Alyssa and I converted some of the videos so we could put them on our facebook page. Then Michele, Alyssa, and I gathered materials for the CAVOC event the next day.

**Friday June 6<sup>th</sup> 2014**

Michele and I attended an event at CAVOC with approximately 136 4<sup>th</sup> graders. Afterwards, I helped Stephanie gather supplies for Family Fishing Fun Day at Boom Lake the next day.

**Saturday June 7<sup>th</sup> 2014**

Stephanie, Alyssa, and I attended Family Fishing Fun Day at Boom Lake.

**Tuesday June 10<sup>th</sup>**

Alyssa and I retrieved the ice packs to be handed out at boat landings from the stairwell and counted how many we had. I wrote my weekly update for 6/3 to 6/7. Michele, Stephanie, Alyssa, and I attended first aid training at the health department where we learned how to bandage wounds, recognize diseases such as Lyme's, and what to do for other various events that could happen at boat landings. After we returned from the health department we had our weekly meeting. Then, Alyssa and I worked on the pictorial article for the newsletter. I contacted local libraries to see if they would showcase the posters from the poster contest. I wrote a summary for the CAVOC event that Michele and I attended with 4<sup>th</sup> graders on June 6<sup>th</sup>. Then Alyssa and I finished making the first draft of the newsletter.

### **Wednesday June 11<sup>th</sup>**

I uploaded the videos of Mrs. Werner's 4<sup>th</sup> grade class from Boom Lake to facebook. Alyssa and I printed posters from the poster contest. I updated the Oneida County website with information about the drain campaign. Alyssa and I laminated most of the posters until we ran out of laminate paper. I contacted more libraries about showcasing winning posters. We uploaded pictures that Michele and Stephanie took at the poster contest award ceremony to facebook. Alyssa and I researched prices for stickers, napkins, pens, bracelets, and can coolers. Then I went to Rouman Cinema to contact Mr. Rouman about showcasing posters at the cinema.

### **Thursday June 12<sup>th</sup>**

We had a meeting about upcoming events and then Alyssa and I went to collect beetles from purple loosestrife plants. We also checked Hancock Lake for curly leaf pond weed. We stopped at a hardware store to get zip ties for the netting around purple loosestrife plants. Then Alyssa and I went to a volunteer's, Ed Wiese, house to put the beetles on his plants. We returned to the office and I researched the prices of stickers for outreach materials.

### **Friday June 13<sup>th</sup>**

I went to Stack's Bay on Minocqua Lake to do CBCW inspections and handed out ice packs for our drain campaign.

### **Saturday June 14<sup>th</sup>**

Stephanie, Alyssa, and I went to Hazelhurst for an event near Lake Katharine. After setting up, I went to Boom Lake to do CBCW inspections during a muskie tournament while handing out ice packs for our drain campaign.

### **Tuesday June 10<sup>th</sup>**

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**Tuesday June 17<sup>th</sup>**

I entered my Clean Boats, Clean Waters data from the prior weekend into the SWIMS database. Michele, Stephanie, Alyssa and I had our weekly meeting to discuss upcoming events. I wrote my update summaries for 6/10 to 6/14. Alyssa and I went to Minocqua to collect more purple loosestrife beetles for our volunteer, Ed Wiese, to raise on his plants. Alyssa and I went to Menards to purchase supplies such as telescopic rakes.

**Wednesday June 18<sup>th</sup>**

I finished printing and laminating posters for the poster contest that needed to be sent out to libraries and gave them to people to deliver. I called more libraries and Mr. Rouman to see if we could showcase them.

**Thursday June 19<sup>th</sup>**

I printed and laminated the final posters that we are showcasing at the Oneida County Courthouse. Alyssa and I made a presentation of them on foam board and displayed them on easels near the entryway. I ordered 6,000 stickers as outreach material. I transferred pictures and videos that Alyssa and Stephanie took of yellow iris to a portable drive.

**Friday June 20<sup>th</sup>**

I conducted Clean Boats, Clean Waters watercraft inspections on Lake Kawaguesaga at the Dam Landing.

**Saturday June 21<sup>st</sup>**

I conducted Clean Boats, Clean Waters watercraft inspections on Sand Lake at the Sand/Dam Landing.

**Tuesday June 24<sup>th</sup>**

Michele, Stephanie, Alyssa, and I had our weekly meeting to discuss upcoming events. I entered my CBCW data into the SWIMS database. I wrote my weekly update for 6/17 to 6/21. I converted the videos of yellow iris that Stephanie and Alyssa filmed to mp4. Alyssa and I started making a calendar of the poster contest winners. I went to the UW-extension office to pick up the comb binder for our poster contest calendar.

**Wednesday June 25<sup>th</sup>**

Alyssa and I worked on the poster contest calendar. I started making a list of all Aquatic Invasive Species in Wisconsin by county.

**Thursday June 26<sup>th</sup>**

Alyssa and I attended a plant identification workshop at the Kemp Natural Resource Station.

**Friday June 27<sup>th</sup>**

I performed CBCW watercraft inspections at the Willow Reservoir.

**Saturday June 28<sup>th</sup>**

I performed CBCW watercraft inspections at Stack's Bay.

**ALYSSA NYCZ**

**Weekly Updates 05/19/14 – 06/28/14**

**Monday, May 19<sup>th</sup>, 2014**

Sara and I worked on writing an article for the June 2014 edition of "Living on the Lake."

**Tuesday, May 20<sup>th</sup>, 2014**

Sara and I attended a Clean Boats Clean Waters training session at the University of Wisconsin Stevens Point. We were given binders with the CBCW handbook, were shown how to use the updated watercraft inspection forms, and learned how to enter information into the SWIMS database.

**Wednesday, May 21<sup>st</sup>, 2014**

I spent the morning preparing for our presentations at EcoTrek and CAVOC. Additionally, I prepared my tool kit with the necessary brochures to be handed out at boat landings this summer. Later in the day, I went to Lake Thompson with Steph and Sara to teach three middle school boys about performing CBCW boat inspections.

**Thursday, May 22<sup>nd</sup>, 2014**

Steph and I gave seven presentations to seventh graders at the EcoTrek event. Afterwards, we traveled to both Stacks Bay and Lake Tomahawk to perform watercraft inspections at the boat landings.

**Friday, May 23<sup>rd</sup>, 2014**

I spoke to third graders about AIS at CAVOC. Afterwards, I assisted with watercraft inspections at the Hodag Park boat landing.

**Saturday, May 24<sup>th</sup>, 2014**

Sara and I performed watercraft inspections at the Hodag Park boat landing and spoke with boaters about AIS.

**Sunday, May 25<sup>th</sup>, 2014**

I talked to boaters about AIS and performed watercraft inspections at the Hodag Park boat landing, at Manson Lake, and at Hancock Lake.

**Wednesday, May 28<sup>th</sup>, 2014**

I entered all of my weekend CBCW data into the SWIMS program. I also typed up my weekly update for the previous week. Once this information was recorded, Sara and I brainstormed a project for Mrs. Werner's fourth grade class. We decided to use our one hour rotation to film a "movie" of what the kids have learned about invasive species. We prepared all the materials and tools we will need to film each of the four fourth grade groups.

After we finalized our project for Mrs. Werner's class, Sara and I planned our trip to various bait shops in Oneida County for the following day.

#### **Thursday, May 29<sup>th</sup>, 2014**

I traveled to eight boat shops in Oneida County to hand out AIS brochures and draining campaign signs. Afterwards, I went to Lake Nokomis for CBCW hours.

#### **Friday, May 30<sup>th</sup>, 2014**

I traveled to the Willow Flowage and Lake Nokomis for CBCW hours.

#### **Saturday, May 31<sup>st</sup>, 2014**

I traveled to the Sand/Dam boat landing for CBCW hours.

#### **Tuesday, June 3<sup>rd</sup>, 2014**

Our AIS team began the week by meeting to discuss our upcoming events in the month of June. Following the meeting, we picked purple loosestrife plants near Hwy 8 and placed them in pots surrounded by netting. I entered my CBCW information into the SWIMS database and wrote an update report for the previous week. Afterwards, I wrote a summary for the EcoTrek event, as well as a student education article for our summer newsletter. Sara and I updated the list of bait shops in Oneida County and filled out a table to report which bait shops we visited so far this summer.

#### **Wednesday, June 4<sup>th</sup>, 2014**

Our AIS team attended a training day with the DNR. We spent the morning in a conference room listening to powerpoint presentations, and the afternoon on Boom Lake to practice using sampling equipment.

#### **Thursday, June 5<sup>th</sup>, 2014**

We spent the majority of the day at Hodag Park with Mrs. Werner's fourth grade class. Sara and I led one of the stations. During each hour-long station, we presented an AIS topic to the group of students, allowed the students time to make a poster on their assigned topic, and then filmed the students giving a short presentation on their topic. The first group we spoke with focused on common AIS, the second on the purpose of inspecting watercraft equipment for AIS, and the third on why it's important to drain live wells and bait buckets. We filmed the students presenting a short advertisement for the draining campaign in the third group as well.

#### **Saturday, June 7<sup>th</sup>, 2014**

We spent the morning at Hodag Park for Family Fishing Days, but ended up leaving early due to weather conditions. After unloading our presentation supplies at the courthouse, I spent some time at the Lake Nokomis boat landing for CBCW.

#### **Sunday, June 8<sup>th</sup>, 2014**

I spent the morning at the Lake Nokomis boat landing for CBCW.

**Tuesday, June 10<sup>th</sup>, 2014**

I entered my CBCW data into the SWIMS database and wrote my weekly updates for the previous week. Sara and I brought up boxes of ice packs for the draining campaign to be sorted and packaged for lake associations. We attended first aid training at the health department, and in the afternoon, we finished the rough draft of the newsletter.

**Wednesday, June 11<sup>th</sup>, 2014**

Sara and I finished proofreading the rough draft of our newsletter, and I wrote an update for Family Fishing Fun Days. Afterwards, Sara and I printed and laminated posters to be displayed at local libraries. We uploaded videos of Mrs. Werner's class to facebook, as well as pictures from the poster contest awards ceremony. Sara and I updated the Oneida County AIS website with pictures from the 2014 poster contest. We also deleted posts from over a year ago and changed a few grammatical errors on the site. We spent the afternoon pricing out stickers, napkins, pens, silicon bracelets, and can coolers. Before leaving work for the day, we stopped at the Rouman Cinema to talk to George about displaying posters. He was in the middle of a conference call, but we were given his phone number.

**Thursday, June 12<sup>th</sup>, 2014**

Sara and I collected purple loosestrife beetles from off of Highway 8 by the Quality Inn, by the Manson Lake boat landing, and on Hatchery Road by the culverts. We stopped at the Hancock Lake boat landing to check for curly-leaf pondweed, but did not see any growing weeds off of the dock. We dropped the purple loosestrife beetles off at Ed Wiese's house.

**Friday, June 13<sup>th</sup>, 2014**

I collected CBCW information at the Willow Flowage.

**Saturday, June 14<sup>th</sup>, 2014**

I helped Stephanie set up for our booth at the Hazelhurst Craft Fair. Since it was raining and there were not a lot of people at the event, I left to collect CBCW information. I was at Katherine Lake, Lake Nokomis, and Manson Lake.

**Tuesday, June 17<sup>th</sup>, 2014**

Sara and I wrote our weekly updates for the previous week and entered our CBCW data into the SWIMS website. Our AIS team had a meeting to discuss upcoming events for the week. Afterwards, Sarah and I traveled to various sites to collect additional purple loosestrife beetles for Ed Weise. We were able to find beetles for two more of the potted plants. Only plant does not have purple loosestrife beetles.

**Wednesday, June 18<sup>th</sup>, 2014**

I finished writing the June newsletter by adding articles about lake monitoring and flowering rush. Stephanie and I used a canoe from Mel's to monitor Long Lake #1001300. We did not find any invasive species on the lake.

**Thursday, June 19<sup>th</sup>, 2014**

Stephanie and I traveled to Stack's Bay on Lake Minocqua in the morning. We took the canoe out to a location under the bridge on Highway 47 where there are colonies of yellow iris plants. We took pictures and videos of the plants, and then reported back to the office. I helped Sara with the poster contest display to be set up in the courthouse, and I also wrote a summary of our monitoring on Long Lake that includes our Secchi disk and dissolved oxygen readings. I tried calling the McDonald's donation line to inquire about free ice cream cone certificates, but was not able to reach anyone. I left a message on their donation line.

**Friday, June 20<sup>th</sup>, 2014**

I collected CBCW data at Stack's Bay, Manson Lake, Hanson Lake, and Lake Nokomis.

**Saturday, June 21<sup>st</sup>, 2014**

I collected CBCW data at Lake Kawaguesaga and Clear Lake.

**Tuesday, June 24<sup>th</sup>, 2014**

Our team had its weekly meeting to discuss events for the upcoming week. I wrote my weekly update and entered CBCW data into SWIMS. I called McDonald's donation line to ask for certificates for free vanilla ice cream cones. We wanted to hand these out to kids at boat landings over the 4<sup>th</sup> of July weekend. I was told that we need to request these certificates two to three weeks in advance, so this is something that we should ask for in early June next summer. I also checked our inventory and then ordered CBCW sticks and "Fishing with Bait" brochures. I counted towels to be handed out over the 4<sup>th</sup> of July weekend. Afterwards, I called Ed Weise to ask how the purple loosestrife plants were, and he said they still seemed to be in good condition. I finished the day by working on the poster contest calendar.

**Wednesday, June 25<sup>th</sup>, 2014**

Sara and I worked on the poster contest calendar all day, but it is now finished and ready for editing.

**Thursday, June 26<sup>th</sup>, 2014**

Sara and I went to the Kemp Research Station for a plant identification workshop.

**Friday, June 27<sup>th</sup>, 2014**

I collected CBCW data at Lake Nokomis.

**Saturday, June 28<sup>th</sup>, 2014**

I collected CBCW data at the Willow Flowage.

**Stephanie Boismenu**  
**Update 4-10-14 to 6-30-14**

**Thursday 04-10-2014**

My first day on the job. Completed paperwork, Michele gave me a tour of the office, introduced me to staff, settled me into my new office area, and orientated me with the computer system. Michele and I went over schedules and the "White Board" which is the list of tasks and projects waiting for me to dig into as well as upcoming events to prep for and attend. A few examples include:

- Create the Ice Angler Survey Poster Presentation for the WI Lakes Partnership Convention held on April 24<sup>th</sup>-26, 2014.
- Contact printers about time frame and cost of printing poster
- Prep for and attend April 17<sup>th</sup> Envirothon at Treehaven,
- Update power point presentation for April 29<sup>th</sup> CBCW Workshop
- Review annotation of videos for lake Sihseh
- Develop 500 kids stickers
- Order various lake books as they become available
- Update AIS lake list

The rest of the day was spent adding up the Oneida County 2014 Ice Angler Survey results. I created a raw data-master list of the survey results on an excel spread sheet.

**Friday 04-11-2014**

Paper work day: I finished compiling the Ice Angler survey results. Once the survey data was finalized, I double checked the survey numbers against the numbers in the 2011-2014 Ice Angler Power Point Presentation and made corrections to the presentation as needed. With the Ice Angler Survey data now complete and the power point presentation updated, I was able to start developing an Oneida County Ice Angler Poster Presentation for the WI Lakes Partnership Convention. I phoned Copy Cat Printers in Minocqua to get a price and printing time frame for the poster - \$60.00 and can print it in 24 hours. I had a telephone delivered to my desk today.

**Monday 04-14-2014**

I continued working on the poster presentation. I finished writing the text, contents of the text, integrated the survey data, started formatting, and searched for pictures to use in the poster. Having problems opening power points on the "lcs share network" and online. Someone from IT will be here to fix it.

Michele asked Jean and I to meet with her for a brainstorming session to start formulating plans and organizing the Teachers Education Workshop to be held June 30<sup>th</sup> at Kemp Station's boathouse. Cesa 9 in Tomahawk is assisting with the workshop as well. The reason for the workshop is to provide teachers, from all over with area, with knowledge and tools to help them integrate AIS into their curriculum. The workshop will be a "professional development day" (will count as continuing education) and they will

receive a certificate for attending. Michele had lots of great ideas and Jean and I helped expand them. We had a productive meeting and planned a great workshop. Our brainstorming session resulted in coming up with the following: We decided on a time of 8:00am-3:30pm and broke down time slots for each class/activity including lunch. We developed 4 unique educational stations that the participants will rotate through during the day, such as: Station #1 is dry mustard, worms, and how to build and install worm frames in the school forest; Station #2 is "Water Walker" – walk the point along the lake and discuss/look for AIS; Station #3 "Patrick Goggin Station" – lake shore habitat/buffers; Station #4 Native Plant Restoration and the important roll natives play to help reduce AIS. At the end of the day there will be a class that explains how to implement these projects into classrooms. This is going to be a fun day!

#### **Tuesday 04-15-2014**

Yeah, finally got my email account set-up. I continued to work on the poster presentation. Michele, Jean, and Carrie (the grammar wizard) proof read the poster for me and help with editing. Michele and I worked on tweaking the posters text and text formatting.

#### **Wednesday 04-16-2014**

Paperwork day, tweaked poster presentation and I'm the only one working in LCW today (which went well). Michele called me this morning with a situation that she needed me to work on. She had just found out from Matt Cook, of the WDNR Ice Pack Program, that the pallets of ice packs are being delivered at the Rhinelander airport tomorrow rather than the scheduled date of 4-30-14. Michele explained that is a big problem because 1) she is working elsewhere tomorrow and will not be able to come to Rhinelander, 2) I'm working at Envirothon at Treehaven all day tomorrow, 3) someone from the county will need to be present with a forklift to unload the pallets, 4) we are due to get a whopping snowstorm tomorrow and 5) The following day is Good Friday and since we are not working that day, there is concern about the pallets sitting outside of the airport until Monday.

#### **Problem Solving the Ice Pack Dilemma:**

Michele directed me to Matt contact information, asked me to call him with the following questions: 1) Are the ice packs truly being delivered tomorrow - even in the snowstorm? 2) What time is the shipment arriving? 3) How many pallets are being delivered?

I'll say this, contacting Matt Cook made for an interesting morning! His phone number at the DNR was no longer his number. I searched the DNR's employee website – his name appeared but did not list a phone number or email. So, I called Kevin Gauthier and asked if he had contact information for Matt. Kevin searched the system and found an email address. Kevin suggested that since there is big turnover in Madison, it would be wise of me to send a Cc email to AIS Educations Specialist, Christal Campbell. However, Kevin said she was gone for the week. The second back-up person was also gone for the

day. The third contact person was Robert Wakeman and Kevin gave me his contact info. I emailed Matt and Cc'd Mr. Wakeman and Michele. I also called Mr. Wakeman, but his answering machine said he was out for the day, but would be checking messages, so I left a detailed message.

At 11:50am, I texted Michele to give her an update: that I was hitting a dead end.

At 3:45pm, Matt Cook called. He apologized for being hard to reach and explained he's a full time student. Anyway, Matt called UPS and yes the shipment is arriving tomorrow (4-17-14), time of delivery is unknown. Matt provided the following:

- Number of ice bags arriving is 1,500
- Pallet count is 1 ½
- 1,000 ice bags packaged in 40 boxes and fills an entire pallet
- 500 ice packs packaged in 20 boxes and fills a ½ pallet.

#### **Thursday 04-17-2014**

I spent the day at UWSP Treehaven helping with the WI Envirothon (from 7am to 4:30pm). I was originally signed-up to be a Runner. However, due to the snowstorm, one of the Team Leaders was unable to attend resulting in the Envirothon organizers changing my position to Team Leader, and now in charge of 15 students for the day. My position as a Team Leader was a much better task for me than a Runner. I had a ton of fun and it was a great experience!

#### **Friday 04-18-2014**

Off today – Good Friday

#### **Monday 04-21-14**

I finished the poster presentation and after everyone in the department proofed it, I emailed it to Copy Cat Printing in Minocqua. I instructed the printer that we had to pick up the poster by late morning on Wednesday, the poster is 3' high by 4' wide, and provided billing instructions. Michele and I went over schedules and we talked about upcoming projects and events.

#### **Tuesday 04-22-14**

I called the printers and they did not receive my email of the poster - yikes - so I resent the email and confirmed that they did receive it. I printed and collated various Ice Angler Survey data for Michele to take to the WI Lakes Partnership Convention. I started working on the new CBCW Prompt Sheet,

#### **Wednesday 04-23-14**

I was off all day to prep for and drive to the WI Lakes Convention in Stevens Point. However, on my way to point, I drove up to Minocqua to pick-up the Ice Angler Poster Presentation.

#### **Thursday 04-24-14**

Off work: at WI Lakes Partnership Convention (on my own time not county time)

**Friday 04-25-14**

Off work: at WI Lakes Partnership Convention (on my own time not county time)

**Saturday 04-26-14**

Off work: at WI Lakes Partnership Convention (on my own time not county time)

**Sunday 04-27-14**

Off today

**Monday 04-28-2014**

Spent time preparing for tomorrows CBCW Workshop and updated the CBCW power point presentation by added several new slides, researching information for new slides, and updated data and dialog. Long day today as I worked on the presentation until 6:30pm.

**Tuesday 04-29-2014**

Tonight is the CBCW presentation in Committee Room 2, from 5pm-7:30pm. I spent the day preparing for tonight's presentation. Michele had brought her home-grown pepper plants for door prizes - I put CBCW stickers on the plant containers and used CBCW pens as plant stakes (very cool looking plants). I made final changes to the power point presentation, printed off and collated hand-outs, helped Michele set-up the committee room (move tables, get more chairs, decide on using the white board, put last year's poster contest posters on the wall, set-out the snacks, etc). At 4pm, Michele and I finally had a chance to sit in the committee room and practice running through the power point presentation. However, at about the 5<sup>th</sup> slide, folks started arriving for the presentation....

The presentation was a full house (somewhere around 50 participants) and it went very well. The participants got a bit hung-up on the sticker for the boat trailer, which lead to a big discussion, but overall it went well. Lots of positive comments about the new CBCW form! After everyone left, Michel, John Preuss and I clean-up the committee room.

**Wednesday 04-30-2014**

I put away supplies that we used last night and spent the day customizing the new CBCW Prompt Sheets for the following area: Minocqua's Lakes Region, Three Lakes Region, and Rhinelander Region. Squash Lake's CBCW Coordinator, Bill Akan, came in and asked to for help to customize the prompt sheet for Squash Lake - Michele sent him my way. Bill and I worked together and came up with good dialog, which I wound-up using on the regional sheets as well.

**Thursday 05-01-2014**

Michele and I went over the poster contest tasks that I needed to complete tomorrow for Tuesdays poster judging. I worked on the prompt sheets. The Three Lakes Region

was the most difficult because there are not a lot of sever AIS in that areas waterbodies. In the process of researching that area, I used Michele's list of Waterbodies with AIS. However, I ran into a snag because there are a few lakes in the county with the same name (i.e. there are two Cranberry Lakes in the county and both have AIS). In order to figure out which of those waterbody were in that region, I needed to have the waterbody ID. This lead to downloading, from the DNR's website, an excel spreadsheet that list the county waterbodies with AIS that list includes the waterbody ID's. I phoned IT to report a problem of not being able to open PDF's. They will come tomorrow to fix it.

#### **Friday 05-2-2014**

It was a busy half day today. Cade from IT was here and fixed my PDF issue. I also had him install MS Silverlight so I can interact with SWIMS Maps. I emailed Bill Akan his Squash Lake Prompt Sheet. Today was the last day to turn in posters for the Northwood's AIS Poster Contest. I made calls to the following to see if they had posters that we needed to picked-up:

- Antigo Public Library (not sure, they will call me back – but never did);
- Demmer Library (none);
- Minocqua Library (yes);
- Rhinelander Library (yes);
- Florence County (left message to call me)
- Iron County Land and Water (yes, but the poster pick-up has already been arranged with Mellen);
- Langlade County (left message for them to call me back)
- Price County Land and Water (none)

At 1:00, I left to go to both Rhinelander and Minocqua Libraries to pick-up posters. *Round trip was 52.8 miles (end ODO 72962.7)*

#### **Saturday 05-03-2014**

Off

#### **Sunday 05-04-2014**

Off

#### **Monday 05-05-2014**

I was off – at my uncles' funeral in Chippewa Falls

#### **Tuesday 05-06-2014**

Poster Judging Day Today! I helped Michel get committee room 2 ready for the poster judging, which started at 9am. Lots of poster! After the judging, I tallied up the total number of posters and the total submitted from each teacher's class. This afternoon, Michele and I went to the airport to transport the ice packs in the basement of the airport. However, Michel decided that since us LTE's are the ones retrieving the ice

packs, it would be easier if the ice packs were at the court house. I loaded up the boxes of ice packs into my suburban and unloaded them at the back entrance at the courthouse (under the steps).

#### **Wednesday 05-07-2014**

I ordered the medals and ribbons for the poster contest winners and then searched for books that were appropriate for 4-5<sup>th</sup> graders (for poster contest kids). Had a very nice lady names Judy from Mole Lake, stop by to inquire about AIS. She explained that she is a student at Nicolet College and had to write a 5 minute presentation about the ecological and economic impact of AIS. She did not have prior knowledge of AIS so spent about 45 minutes giving her an AIS education, loaded her up with various educational materials and gave her Michele's business card. She was a happy lady when she left! I helped Jean carry supplies to her car. I drove to the DNR office to pick up a box for Jean and then went to Roman Cinema and helped unload Jeans presentation materials.

#### **Thursday 05-08-2014**

Paperwork day today. I did more research to find books relating to lakes, rivers, or ponds that would be appropriate for the 4<sup>th</sup>-5<sup>th</sup> grade classrooms that participated in the Poster Contest. I spent time researching and starting to develop my May 23<sup>rd</sup> AIS program at CAVOC, which I will be presenting to the 3<sup>rd</sup> graders from Pelican School. I got caught-up on my weekly updates...yeah. I started unpacking boxes that were brought over from the airport office. However, as I was unpacking, I decided I had better wait to do this project when Michele is here, so she can direct me as to where she wants stuff moved to.

#### **Friday 05-09-2014**

Michele and I went over schedules, upcoming events, and tossed around ideas for the CAVOC-3<sup>rd</sup> grader projects. We went over the boxes that needed to be unpacked and she directed me to where the contents should be moved to. I organized CBCW supplies and found homes for some of the gear, such as waders, swim fins, and poster boards. We defiantly need some large totes (Rubbermaid containers) for the large, bulky items, to both store the gear in and haul the gear around while we are out in the field—especially since most of the gear has the potential to be wet when we return it to the office after a day on the water. I began organizing the other LTE's desk area. Later in the day, I printed off 20 copies of the 2014 CBCW Watercraft Inspector Handbook and will have the high school students insert the new handbooks into the old handbooks when they are here next week.

Michele received a message from Rhinelander Library that they had more posters for the AIS poster contest waiting to be picked-up. Evidently they were dropped off at the library sometime after 4pm last Friday. I went to the library and picked-up the posters. Upon returning, John Preuss, Michele, and I judged the posters.

While at the library, I checked out several children's books that combine stories and education about lakes, rivers, and ponds. We will take a look at the books to see if any interest us and consider purchasing a book of interest online for the 4-5 grade classrooms who participated in the Poster Contest.

**Saturday 05-10-2014**

Off today

**Sunday 05-11-14**

Off

**Monday 05/12/14**

The other LTE's desk and area was consumed by boxes that had been moved here from the old office location at the airport. I unpacked boxes and found homes for their contents and cleaned the desks off. I organized the CBCW supplies and wildcards. I had to leave several things in boxes because I wasn't sure how or where Michele wanted those items stored.

I worked on updating and organizing the three LTE Outreach Kits and included in each one: 2014 CBCW handbook, clipboards, pencils, extra inspection forms, violation forms, wildcards, the 3 regional prompt sheets, maps, and the new 2014 list of Oneida County lakes with AIS.

At 1:15, Jean and I left to attend the Oneida County Land and Water Conservation Department/UWEX Committee Meeting at the extension office at the airport. I was there from 1:30-3:30pm. I returned to the office and compared the Oneida Co AIS lake list with the DNR's AIS lake list.

**Tuesday 05/13/14**

I showed Michele where I had stored/organized the supplies and had her direct me as to where the rest of the supplies should be stored. I then finished unpacking and organizing. I spent the rest of the day working on the public service announcement for the 2014 poster contest winners. I composed a letter to the teachers and media announcing the winners of the poster contest.

**Wednesday 05/14/14**

Michele picked-up an injured chickadee on the way to work and brought it in. I drove the chickadee to Wild Instincts for rehab. Michele and I discussed CBCW, boat landings, and various projects. We also discussed the 4<sup>th</sup> grade worm watch program, which she is attending this afternoon at Central School. Since I am attending the worm watch study at the end of the month, she wanted me to attend today's program too. However, since Jean and Carrie were both out of the office today, it was more important for me to stay here and keep the department open. I continued working on the letters to teachers and

media announcing the winners of the poster contest. I added a few additional items to the LTE's outreach boxes (ziplock bags, exam gloves, toilet paper, and trash bags).

**Thursday 05/15/14**

I spent the morning working on paperwork and prepared for tomorrow's boat landing monitoring.

**Friday 05/16/14**

I performed CBCW watercraft inspections at the Willow Flowage today. It was very slow, which I'm sure was a direct result of the nasty bitter cold weather today (wind, rain and flurries). I had intended to work 8 hours, but I left early due to bad weather.

**Saturday 05/17/14**

Off today

**Sunday 05/18/14**

I performed CBCW watercraft inspections at the Rainbow Flowage. The Rainbow was a bit slow, so I traveled to North Nokomis Lake and Sand/Dam landings. Both landings were slow, so I returned to the Rainbow landing.

**Monday 05-19-14**

Steph off today

**Tuesday 05-20-14**

Completed paperwork in the morning and prepared for the afternoons CBCW workshop that Michele, Sandy and I presented at the Minocqua Public library.

**Wednesday, May 21<sup>st</sup> 2014**

Alyssa, Sara, and I attended GPS training provided by Art from the Oneida County Land Information Department. I spent the afternoon preparing for the upcoming Lake Thompson CBCW training, EcoTrek CAVOC events. Alyssa, Sara, and I went to Lake Thompson to provide CBCW training the Lake Thompson's three hired inspectors.

**Friday, May 23<sup>rd</sup> 2014**

Alyssa, Sara and I spent the morning at CAVOC teaching third graders from Pelican School about Aquatic Invasive Species. I spent the afternoon training Alyssa and Sara on the CBCW watercraft inspections at the Boom Lake boat landing.

**Saturday, May 24<sup>th</sup>, 2014**

I performed watercraft inspections at Willow Flowage.

**Sunday, May 25<sup>th</sup>, 2014**

I performed boat inspections at Lake Minocqua's Thirsty Whale Landing, Kawagusaga (by the dam), and Lake Minocqua's Stack Bay Landing I also checked on the boat inspectors at Lake Minocqua's School House Landing.

**Monday May 26<sup>th</sup>, 2014**

Off – Memorial Day

**Tuesday May 27<sup>th</sup>, 2014**

Off

**Wednesday, May 28<sup>th</sup>, 2014**

Entered watercraft inspection data and worked on paperwork. Michele, Alyssa, Sara, and I had our weekly team meeting and discussed upcoming events and projects. I prepared supplies for tonight's CBCW Workshop at the Reiter's Center in Three Lakes. The workshop was from 5:00 – 7:30pm and included a plant presentation by Sandy Wickman and a power point was presented by Michele and I.

**Thursday, May 29<sup>th</sup>, 2014**

What a fun day! Today I got to assist with the Worm Watch Study performed by Mrs. Werner's 4<sup>th</sup> grade class from Central Intermediate School. The basis of the study is to document the presence of earthworms in WI. All earthworms in WI are non-native invasive species and affect/alter the health of our forests. Using specific sampling supplies and protocol, the students had to identify the three types of earthworms as well as the volume of type; Epigeic which are the surface dwellers, Endogic which live in the topsoil and the big fat Anecic's which live deep in the soil. The morning's site location was at Germain Hemlock State Natural Area. After lunch we moved to our second site location at Lake Tomahawk's boat landing. Assisting with this project was and Rosie Page from WHIP, Michele and myself. This was a great day!

**Friday, May 30<sup>th</sup>, 2014**

Michele, Alyssa, Sara and I had a team meeting to discuss our plans for next week's events: Next Tuesday's Boom Lake AIS Fun Day with Mrs. Werner's 4<sup>th</sup> grade class, Wednesday's field training workshop at the DNR, and Saturdays Family Fishing Fun Day at Hodag Park. I spent the rest of the day I conducted watercraft inspections and collected data at Lake Minocqua's Stack's Bay Landing,

**Saturday, May 31<sup>st</sup>, 2014**

I conducted watercraft inspections and collected data at Squaw Lake, Buckskin Lake, Squirrel Lake, and Clear Lake.

**Sunday, June 1<sup>st</sup>, 2014**

Off

**Monday, June 2<sup>nd</sup>, 2014**

Off

**Tuesday, June 3<sup>rd</sup>, 2014**

Today's Hodag Park AIS Fun Day at with Mrs. Werner's 4<sup>th</sup> grade class was cancelled due to rain and rescheduled for Thursday. We started the morning with our weekly AIS Team meeting and discussed this week's schedule, event details and supplies needed for each event. The supply list for each event is extensive and will take time to gather items.

After our meeting, Michele, Alyssa, Sara, and I drove west of town, to Highway 8 by the Quality Inn, to dig-up and pot Purple Loosestrife plants. The plants will be delivered to volunteers who are rearing purple loosestrife beetles. The rest of the day was spent on paperwork and preparing for Thursdays AIS Fun Day and Saturday's Family Fishing Fun Day.

**Wednesday, June 4<sup>th</sup>, 2014**

Today Alyssa, Sara and I attended a Field Training Day at the WDNR service center in Rhinelander. The morning portion was spent in classroom learning about: point intercept surveys, AIS field sampling techniques, AIS disinfecting protocol, trailering protocol, Citizens Lake Monitoring Network and reviewing plants. The afternoon training session was spent at the Boom Lake boat landing, where we spent time at each of the following rotating stations: CBCW techniques; practicing/learning trailering techniques; went out on a boat to learn how to survey and identify aquatic plants and sample for zebra mussels and spiny water fleas. After that, we went back to the DNR service center to learn how to disinfect equipment.

**Thursday, June 5<sup>th</sup>, 2014**

Today was another fun day at work! Our AIS team held AIS Fun Day at with Mrs. Werner's 4<sup>th</sup> grade class held at Hodag Park and it was a huge success! After students arrived, we spent time with introductions and explained the day's events to the students. The class was then broken into 3 groups and each group spent 1 hour in each of the following stations:

- Michele took kids on a pontoon and provided AIS and plant sampling techniques,
- Alyssa and Sara shared a station and had the students make an AIS poster and then video taped small groups of students while the students explained the poster they made and explained other AIS facts,
- I shared a station with DNR Conservation Warden, Dave Waltz. Dave provided a DNR boat and went over boating safety and regulations and I taught the students about the individual hands-on AIS samples (zebra mussels, spiny waterfleas, Rusty crayfish, EWM, Curley leaf pondweed, and VHS).

**Friday, June 6<sup>th</sup>, 2014**

I spent the better part of the day going to various lakes to obtain live AIS plants and critter to put in our aquarium for tomorrow's Family Fishing Fun Day at Hodag Park. I went to hat Rapids Dam for Rusty Crayfish, but didn't have any luck. I then went to Little Bearskin Lake and just as I was setting the rusty crayfish trap, DNR Conservation Warden, Tim Ebert drove in. Tim gave me the name of the man who traps rusty's on Big Bearskin Lake and said he would be happy to provide some rustys for me. I called him and sure enough, he was happy to provide some, said he was home now and I could come and get them. I drove to his house and picked up two Rusty's. Afterwards, Sara and I gather supplies for Family Fishing Fun Day at Boom Lake the next day.

**Saturday June 7<sup>th</sup> 2014**

Today was Family Fishing Fun Day, which celebrates free fishing weekend in WI. Alyssa, Sara, and I set-up our hands-on AIS display in Hodag Park's blat landing pavilion. It included our aquarium of live AIS including rusty crayfish, zebra mussels, invasive snails, and EWM. We also had a large bucket filled with water so the kids would look through and aqua scope.

Afterwards, we came back to the court house and unpacked supplies. I spent the afternoon monitoring boats at Sand/Dam Landing.

**Monday, June 9<sup>th</sup>, 2014**

Off

**Tuesday, June 10<sup>th</sup>, 2014**

I worked on office paper work. At 9:45 I drove to the DNR to return the button maker to Sandy Wickman. The AIS team attended first aid training at Oneida County Health Department from 10:00-11:00. Afterwards, we returned to the office and worked on paperwork and had our AIS Team meeting and spent the rest of the day catching-up on paperwork, worked on the AIS Poster Contest Traveling Art Display, and planed/prepared for tomorrow's AIS Poster Contest Awards Ceremony.

**Wednesday, June 11<sup>th</sup>, 2014**

Big – fun day today! I left early for work to pick-up ice-cream at Trigs for the AIS Poster Contest Awards Ceremony. I then met Michele at James Williams Junior High School, where we presented award to the 8<sup>th</sup> grade 1<sup>st</sup> place winner and ice cream to her entire classroom. Michele and I then traveled to Central Intermediate School and presented awards and ice cream to Mrs. Bowman and Mrs. Werner's classrooms. Apparently, Michele and I have developed a fan club with Mrs. Werner's class – as students had us sign their yearbooks and take group photos. Michele and I stopped at Mel's Trading Post to inquire about purchasing a canoe for the AIS Department. I spent the rest of the day working on paperwork and finished my part of the AIS Poster Contest Traveling Art Display.

#### **Thursday, June 12, 2014**

The morning started with an AIS Team meeting to discuss projects, schedules, and upcoming events to prepare for. Afterwards, I drove to Schroeder's Marina to return the propeller. I then set out to complete a few projects: 1) identify/confirm the Phragmites areas on Hwy G and Hwy Q (heading south towards Pelican Lake and 2) drive to Lake Metonga to obtain zebra mussels to include in our AIS educational aquarium at Saturday's Hazlehurst AIS Fair.

Locating the Phragmites areas was an interesting process. First off, it was questionable whether it was actually Phragmites reported in the first place. Before I left the courthouse, I obtained a map of their location. However, because the computer system at work was old, Michele was unable to get the GPS coordinates for me. I went to all of the locations as marked on the map, but did not see any sign of them. I called the office to obtain more location information and report my findings, or rather lack of findings. Fortunately, Michele and Rosie were able to get the GPS coordinates, which I wrote down and drove to. However, I still did not find any Phragmites at any of the locations.

I then traveled to Lake Metonga and obtained the zebra mussels. When I returned to the courthouse, I set-up the aquarium and put supplies away.

#### **Friday, June 13, 2014**

I took the morning off to attend the Oneida County Lakes and Rivers Northern Lakes Conference and Annual Meeting. I spent the afternoon and evening monitoring boats. Afterwards, I returned to the courthouse to pack supplies for tomorrow's Hazlehurst AIS Fair. I then went to Sand/Dam boat landing to conduct CBCW Watercraft inspections and data collection. That evening at home, I walked my shoreline and collected Chinese and Banded Mystery Snails for tomorrow's educational display aquarium.

#### **Saturday, June 14, 2014**

Hazlehurst's AIS Fair. I drove to the rusty crayfish trapper/supplier at Big Bearskin to obtain rusty's for this morning's program. I then met Alyssa and Sara at the park in Hazlehurst. They helped me set-up our hands-on AIS display and once I was situated, Alyssa and Sara left to monitor boats. I had a great time with our AIS display at this fair and people of all ages enjoyed seeing live AIS critters and learning about the problems they can cause and how to prevent them from spreading. The aquarium of live AIS included: 3 rusty crayfish, about 2 dozen zebra mussels, several Chinese and Banded Mystery Snails, and EWM. I handed out educational material, bobbers and pencils. I heard from the Hazlehurst Lions Club that our AIS booth was the hit of the fair.

#### **Sunday, June 15 2014**

Off

**Monday, June 23, 2014**

Michele, Sandy Wickman, and I assisted the Lake George's Lake Sweep. The purpose of the sweep was to check for presence and absence of Eurasian water-milfoil and Curly leaf Pondweed throughout the lake.

**Tuesday, June 24<sup>th</sup>, 2014**

Michele, Alyssa, Sara and I had our weekly AIS team meeting. Afterwards, I worked on paperwork and wrote an article about the invasive Yellow Flag Iris.

**Wednesday, June 25<sup>th</sup>, 2014**

I attended an all day Aquatic Plant Management Workshop at Kemp Station.

**Thursday, June 26<sup>th</sup>, 2014**

Yesterday, Michele was contacted by a resident (first name Marna) of Kathan Lake, who had just read our articles about the invasive Yellow Flag Iris and wanted to report locations of this iris on Kathan Lake. I spent most of the day kayaking the entire shoreline of Kathan Lake, looking for the invasive Yellow Flag Iris. I did indeed find several locations of this iris of which I made waypoints in the GPS and recorded the locations on my map as well.

**Friday, June 27<sup>th</sup>, 2014**

I conducted watercraft inspections and collected data at Lake Minocqua's Stacks Bay Landing.

**Saturday, June 28<sup>th</sup>, 2014**

Off

**Sunday, June 29<sup>th</sup>, 2014**

I conducted watercraft inspections and collected data at Willow Flowage Landing by the dam and lake Minocqua's Stacks Bay Landing.

**Monday, June 30<sup>th</sup>, 2014**

Off

**Tuesday July 1<sup>st</sup>, 2014**

Michele, Alyssa, Sara, and I held our weekly AIS team meeting. Shortly after the meeting, Michele, Jean, Rosie and I went to the Oneida County Airport to dig up native plants that were about to be bulldozed. We worked fast because the construction workers gave us very little time to remove plants before they started bulldozing.

**Wednesday July 2<sup>nd</sup>, 2014**

Sara and I stopped by Lake Tomahawk Lake to collect both invasive and native plants samples. The plant samples were for Big Bearskins Lake Association Fair this weekend. We then drove to Sunday Lake, just east of Minocqua and performed Citizens Lake



Monitoring. We discovered the invasive Chinese Mystery Snail. Afterwards, Sara and I drove back to the courthouse and unloaded our monitoring gear.

#### **Thursday, July 3<sup>rd</sup>, 2014**

A crazy, busy, fun day today! Michele contacted me early this morning to let me know that the person from Big Bearskin was coming to the courthouse at 9am to collect the plant samples that I had collected yesterday, Michele asked me to go to the Courthouse early to separate, identify, and mark the plants that I had collected yesterday. I arrived at the courthouse at 7:15am and took care of the plants.

At 8am, I was off to meet Michele in Sugar Camp to help release Purple Loosestrife beetles. I first stopped by the Boom Lake boat landing to pick up Shelley Lehman, who was volunteering with Michele and I today. After meeting Michele in Sugar Camp, we drove to the home of the resident who was rearing the beetles, loaded the seven potted Purple Loosestrife plants containing beetles into my car and drove the plants to the release location. We removed the netting and stakes and using precise methodologies, the potted Purple Loosestrife plants were placed in amongst the established Purple Loosestrife plants.

Afterwards, Shelley and I drove back to Rhinelander's Boom Lake landing and trained Shelley how to conduct CBCW watercraft inspections and data collection. I spent the rest of the afternoon working at that landing.

#### **Friday July 4<sup>th</sup>, 2014**

**I spent the day conducting watercraft inspections at Sand/Dam Landing and Lake Minocqua's Stacks Bay Landing. Of note: I arrived at Stacks Bay landing at 3:00pm and**

there were 39 boat trailers and two dozen vehicles (without trailers) parked there.  
Next year, this landing should have coverage for the entire day.

**Saturday July 5<sup>th</sup>, 2014**

I conducted watercraft inspections and data collection at Lake Minocqua's Stack's Bay Landing,

**Sunday, July 6<sup>th</sup>, 2014**

Off

**2B. Distribute and install AIS educational materials. (\$1,355.00)**

The LWCD obtained over 15,810 stickers from the WDNR between May 9 and September 7, 2011. The stickers included, 'WI Anglers Remember', 'Fishing with Bait', 'Stop Aquatic Hitchhikers', 'Don't Dump Bait', 'Clean Boats Clean Waters', and 'Catch On To Healthy Fish' stickers. No additional stickers were ordered in 2013. Stickers were distributed at over 27 local businesses, multiple lake fairs, the Oneida County Fair, and to Camp Birchrock. Stickers were also available at all outreach events that the AIS team attended. A listing of participating businesses and the number of stickers distributed at each business is included. Additionally, 800 new Watch and Wild cards were ordered. These cards were distributed at lakes fairs, the Oneida County Fair, and to local schools. LTE mileage expenses were incurred (see tab 2A for LTE mileage totals).

'Real-estate' type signs were created and displayed at landings, right-of-ways, and lake events. These signs are to be re-used from year to year, and are meant to be displayed in pairs. One sign of the pair displays the 'Stop Aquatic Hitchhiker' (SAH) logo, while the other sign displays a catchy slogan that students developed. LWCD also created and designed pencils, pens, and kids stickers with the 'Inspect, Remove, Drain, Never Move' slogan. These materials were handed out at workshops, lake events, classrooms, and other community events.

In 2010, Oneida County LWCD purchased 100 boat bumpers that displayed an AIS message. Each season, these boat bumpers are installed at landings with high boater traffic, lakes that contain AIS, or lakes near 'super sources'. In 2013, 44 bumpers were documented as installed. This number has declined due to bumpers being stolen or normal wear-and-tear of the product. Please see attached spreadsheet for a list of waters that received boat bumpers.

The LWCD continues to loan out 8 of 10 portable signs that were purchased in 2010. Lake groups continue to use these signs for CBCW, lake fairs, workshops, etc. The remaining two signs are used frequently by the AIS team at workshops, landings, and at various outreach events.

See Appendix C for pictures of all AIS educational items.

Expenses:	
'Real-estate' signs-	\$236.48
Bumpers-	Stickers (\$199.75), supplies for installation and removal (\$27.93, \$23.87, \$70.49)
Pencils-	\$226.96
Pens-	\$199.99
Stickers-	\$192.10

9/11/2013

Wisconsin Department of Natural Resources  
Packing List

Page 2

Order No: 533275  
Order Date: 9/11/2013

Customer No: 207592

Order Entered By: COOKMT

NANCY SATTLER (ONEIDA COUNTY EXTENSION OFFICE)  
3375 AIRPORT ROAD #10  
RHINELANDER WI 54501

<u>Bin Number</u>	<u>Quantity Ordered</u>	<u>Quantity Shipped</u>	<u>Publication</u>	Note: If the quantity shipped is zero it is because we are out of stock. Please reorder at a later date.
366	400	400 ✓	WT-996 MYSTERY SNAIL WATCH CARD (100/BUNDLE) SHIPPED AS ORDERED.	
H2F10	200	200 ✓	WT-738 WISCONSIN WILD CARD-ZEBRA MUSSEL (100/BUNDLE) SHIPPED AS ORDERED	
H4F01, H5T01	200	200 ✓	WT-740 WISCONSIN WILD CARD-PURPLE LOOSESTRIFE (100/BUNDLE) SHIPPED AS ORDERED	

received week of 9-16-13  
mj

Bumper Placement

Lakes w/bumpers	assigned to:	2013 placed	2013 picked up
Rhineland Flowage-Hodag Park/ Boom	Therese	2	
Rhineland Flowage-Trails End/Moonlight Bay	Therese	no pier	
Rhineland Flowage-River Road and Bluebird	Therese	no pier	
Rhineland Flowage - Surf Drive	Therese	no pier	
Rhineland Flowage - Apperson	Therese	1	
Big Carr	Work Experience	2	
Little Carr	Work Experience	no pier	
George Lake	Nancy	1	
Lake Thompson	Work Experience	no pier	
Holiday Acres on Lake Thompson	Nancy	2	
Lake Julia	Work Experience	no pier	
Moen	Work Experience	no pier	
Sand/Dam	Nancy	2	
Rainbow Flowage-Rainbow Lake Road	Nancy	2	
Rainbow Flowage-Access off Cth J	Nancy	1	
Rainbow Flowage-Bridge Road	Nancy	2	
Crescent-Dombrowski Road	Cara	2	
Hancock	Therese	1	
Squash	Nancy		
Manson	Cara	2	
Lake Nokomis-Rice Landing	Nancy	1	
Lake Nokomis-Dam	Nancy	2	
Willow	Therese	2	
Burrows	Cara	no pier	
Three Lakes-Burnt Rollways Dam	Nancy	n/a	
Three Lakes - Big Lake	Nancy	2	
Three Lakes-Big Stone	Nancy	no pier	
Three Lakes-Spirit	Nancy	could not find	
Three Lakes-Stella	Nancy	no pier	
Three Lakes - Spur	Nancy	no pier	
Three Lakes - margaret	Nancy	no pier	
Three Lakes - Ginty	Nancy	no pier	
Tomahawk Lake-Access at Coffen Ln off Hwy 47	Nancy	n/a	
Tomahawk Lake-Indian Mounds Campgrounds	Nancy	n/a	
Tomahawk Lake-Katherine/Channel	Nancy	n/a	
Tomahawk Lake-Thoroughfare/Midlake road	Nancy	n/a	
Lake Minocqua-Stacks Bay	Therese	2	
Clear Lake-off J	Therese	1	
Madeline	Therese	floating pier	
Carrol	Therese	2	
Bolger	Therese		
Bearskin	Therese	1	
Lake Kawaguesaga Lake-Dam Road	Cara		
Horsehead Lake	Therese	1	
Hasbrook Lake	Therese	1	
Squirrel Lake-off Kobart Rd	Nancy	1	
Squirrel Lake-Carter Road	Nancy		
Sugar Camp-Indian Lake	Nancy	no pier	
Thunder Lake	Nancy	no pier	

Pelican Lake-Hwy 45	Nancy	no pier	
Pelican Lake-Cth G	Nancy		2
Pelican Lake-Keelers Landing	Nancy		2
Tank	Nancy	no pier	
Venus	Nancy	no pier	
Neptune	Nancy	no pier	
Mars	Nancy	no pier	
Squaw	Nancy		1
Dorothy Lake (off D)	Therese		1
Woodruff Hatchery Landing	Therese		2
			44

**Business**

BP in Crescent Hwy. 8 across from old roller rink  
 BP on Hwy. W near Boom Lake  
 Bremer's Bait  
 Captain Hooks  
 Chuck's Sport Shop  
 Fishing Hole  
 Great Outdoors Sportshop  
 Grizzly Bob's  
 J&J Sports (Lk. Tomahawk)  
 Jokin' Joe's Bait & Tackle  
 Judy's Twin Pines  
 Kemp St. 66  
 Kurt's Island Sports  
 Marathon Station (Hazelhurst)  
 Mel's Trading Post  
 Northwood's Store  
 Paul Deen (Moen Lake Chain)  
 Rollie & Helen's  
 Shell (Rhineland)  
 Shell (Three Lakes)  
 Suess' Northside Beer & Bait  
 Sugar Camp Enterprises  
 Tadpole Sports  
 Walmart (Minocqua)  
 Walmart (Rhineland)  
 Stengl Marine  
 Island City Motor Sports

**Stickers**

1 roll bait, 1 hitchhikers, 1 healthy fish  
 They don't sell bait anymore  
 1 roll bait  
 N/A-already been delivered to twice this summer  
  
 1 roll bait  
 1 roll bait, 1 hitchhikers, 1 healthy fish  
  
 1 roll bait, 1 hitchhikers, 1 healthy fish  
 2 rolls bait  
  
 1 roll bait, 1 healthy fish  
  
 1 roll bait, 1 hitchhikers, 1 healthy fish  
  
 1 roll bait, 1 hitchhikers, 1 healthy fish  
 1 roll bait  
 1 healthy fish, 1 hitchhikers  
 1 hitchhikers

11-Sep  
 11-Sep  
 11-Jul  
 Jul-11  
  
 Jul-11  
 Jul-11  
  
 Jul-11  
 11-Sep  
  
 Jul-11  
 Sep-11  
 Jul-11  
 Jul-11

Sticker distribution to Birchrock, Minocqua/Kawaga Lake fair, Lake Tomahawk Lake Fair, Oneida Co. Fair (not sure on amounts though)

**Bait Shop sticker distribution**

**2C. Host two Clean Boats, Clean Waters (CBCW) workshops. (\$890.00)**

The Oneida County LWCD, in cooperation with Oneida County UWEX, hosted the following CBCW workshops during the 2013 season:

May 2, 2013-	Rhineland/Oneida County Airport	18 attendees
May 21, 2013-	Minocqua Municipal Building	12 attendees

Due to finding multiple workshop kits in backroom, purchase of additional kits for 2013 summer season was not necessary. All old kits were updated with current information. Attendance sheets and press releases are included. Some mileage was incurred (mileage included in tab 2A) for this project.

**Expenses:**

Workshop supplies-	\$13.98
	\$50.00
	\$15.25
Misc. supplies-	\$44.41

LEAN BOATS LEAN WATERS

Workshop Location Minocqua / 13

Workshop Host Michele and time 9:00 am 12:00

Name	Lake and county monitored	Are you taking home a kit? (yes / no)	Are your hours here to be used in your local grant? If so, what grant?
Dan + Linda Majewski	Lower Nine Mile Lake Vilas County	Yes	Yes CBCW
Elin Wahman	Minocqua Oneida		Yes
GARY ZASICHET	LOWER NINE MILE		Yes
MIKE BEALS	LAKE WOKOMIS CHAIN "LAKE WOKOMIS LAKE DISTRICT"	- No -	Yes "CBCW"
Alicia Sanftleben	Crawling Stone Lakes	Yes	Yes CSLA
Jenevieve Van Order	Minocqua? Oneida	?	?
STACY FALESCH	MINOCQUA ONEIDA	YES	YES
Carol Falesch	minocqua oneida	yes	yes
Neil + Connie Lett's nandylett@gmail.com	Lower Nine Mile Lake Vilas County	Yes	Yes
Kris Lillard	White Sand Lake Loc du Flambeau Little on Manitowish Lake - Manitowish wts	Yes	<del>?</del> yes

+Swims 1  
X  
Majewsk  
sbcglobo  
XL

Leticia sa  
X @gmail

X  
requested  
Sally M.

~~?~~  
Lamarch  
Kris egu

# CBCW workshop May 2nd, 2013

Rhineland, WI 5:00 p.m. to 7:00 p.m.

## Time (approximate)

5:00-5:15	Registration
5:15-6:15	Introductions/CBCW Presentation & Discussion- Michele Sadauskas
6:15-6:50	Species Identification- Sandy Wickman
6:50-7:00	Wrap-up, final questions, comments

CLE BOATS, CLEAN WATER

Workshop Location Rhinclan May 2, 2013

Workshop Host Oneida Co and end time 5pm-7pm

	Name	Lake and county monitored	Are you taking home a kit? (yes / no)	Are your hours here to be used in your local grant? If so, what grant?
1	Ned Greeley	Tomahawk Lake Oneida County	Yes	-
2	Bill AKAH	LAKE JULIA SQUASH	NO	yes
3	Jim Jung	WI DNR warden ONEIDA CO.	NO	NO
4	MIKE WEPPE	BOLGER LAKE ONEIDA CNTY.	NO	NO
5	Joel Knutson	CRESCENT + ONEIDA	Yes	<del>Yes</del> NO
6	ROSIE PAGE			
7	Linda Parker	Two Sisters	Yes	?
8	Judy Nelson	Pelican Lake	NO	AIS grant used to yes, pay monitors.
9	Gary + Nancy Blumreich	Pelican Lake	1 yes	Pelican Lake Lake Association yes To pay monitors

	Name	Lake and county monitored	Are you taking home a kit? (yes / no)	Are your hours here to be used in your local grant? If so, what grant?
10	Scott Schmidt	Two Sisters	yes	yes. To pay the high price of gas (AIS)
11	KENT BRADSHAW	TWO SISTERS	NO	DON'T KNOW
12	JIM INTROPIDI	ONEIDA CO. BOARD	YES	
13	Therese Hubacher		yes	yes, ONEIDA County AES
14	Nancy Sattler		no	
15	Marj Mehring	Squash	no	yes - SLT Ed grant
16	Cara Wanserski	Oneida County	yes	yes
17	Pam Creed	Oneida Co.	yes	yes
18				
19				
20				

Conservation & UWEX  
Education Committee  
Tom Rudolph, Chair  
Bob Martini, Vice  
Greg Berard  
Jim Intrepidi  
Bob Mott  
Clint Zimbeck, FSA  
Members



**Land & Water Conservation Department**  
3375 Airport Rd # 10  
Rhineland, Wisconsin 54501  
Phone (715) 365-2750  
Fax (715) 365-2760

*Jean Hansen*  
County Conservationist

*Michele Sadauskas*  
AIS Coordinator

*Kerri Ison*  
Administrative Assistant

May 14, 2013

**NEWS RELEASE**

**TO: Local Area Media**

**FROM: Michele Sadauskas**  
Oneida County AIS Coordinator  
715-365-2750

**CLEAN BOATS, CLEAN WATERS (CBCW) WORKSHOP OFFERED**

A free CBCW workshop, hosted by the Oneida County Land and Water Department and the University of Wisconsin-Extension, is planned for Tuesday, May 21, 9a.m.-12p.m. The workshop will be held in the Board Room of the Minocqua Community Center, 415 Menominee St. The Clean Boats, Clean Waters (CBCW) program provides an opportunity to learn how and why educational awareness is critical in preventing the spread of aquatic invasive species (AIS).

The workshop will have speakers from multiple resource agencies. Participants will receive information on AIS along with species identification, instructions on how to organize an effective volunteer watercraft inspection program and practice with conducting boater interviews. A CBCW water inspection handbook and kit, containing all the tools an inspector needs will be available at the workshop. Seating is limited so register soon.

To register for this workshop contact the Oneida County UW-Extension office at 715-365-2750. For more information on the CBCW program, visit <http://www.uwsp.edu/cnr/uwexplakes/cbcw>. For any other questions please contact Michele Sadauskas, Oneida AIS Coordinator at 715-365-2750, or visit [www.oneidacountyais.com](http://www.oneidacountyais.com).

Oneida County Extension Office  
3375 Airport Road #10  
Airport Terminal – Lower Level  
Rhinelander, WI 54501  
(715) 365-2750  
FAX: (715) 365-2760

April 15, 2013

**NEWS RELEASE**

**TO:** Local Area Media

**FROM:** Michele Sadauskas  
Oneida County AIS Coordinator  
715-365-2750

**CLEAN BOATS, CLEAN WATERS (CBCW) WORKSHOPS OFFERED**

Two free CBCW workshops, hosted by the Oneida County Land and Water Department and the University of Wisconsin-Extension, and sponsored by the Wisconsin Lakes Partnership are being planned for in May. The Clean Boats, Clean Waters (CBCW) program provides an opportunity to learn how and why educational awareness is critical in preventing the spread of aquatic invasive species (AIS).

The workshops will have speakers from multiple resource agencies. Participants will receive information on AIS along with species identification, instructions on how to organize an effective volunteer watercraft inspection program and practice with conducting boater interviews. A CBCW water inspection handbook and kit, containing all the tools an inspector needs will be available at the workshop. Seating at both is limited so register soon.

**May 2, 5-7 p.m.** Join the Oneida County AIS Team on Thursday, May 2, at the Rhinelander Airport, 3375 Airport Rd., Rhinelander. This workshop will be a refresher course for CBCW participants. New volunteers are welcome as well! Beverages and a snack will be provided.

**May 21, 9-12 p.m.** This CBCW workshop will be held on Tuesday, May 21, at the Minocqua Community Center, 415 Menominee St., Minocqua. The workshop will be geared towards new CBCW participants. Coffee and doughnuts will be provided.

To register for these workshops contact the Oneida County UW-Extension office at 715-365-2750. For more information on the CBCW program, visit <http://www.uwsp.edu/cnr/uwexlakes/cbcw>. For any other questions please contact Michele Sadauskas, Oneida AIS Coordinator at 715-365-2750, or visit [www.oneidacountyais.com](http://www.oneidacountyais.com).

**2D. Host one Citizen Lake Monitoring Network (CLMN) workshops. (\$1,006.00)**

The Oneida County LWCD hosted the following CLMN workshop during the 2013 season:

August 13, 2013                      Thoroughfare landing, Minocqua                      19 attendees

Over the years CLMN attendance has been decreasing steadily in Oneida County and LWCD found the need 'change it up'. Therefore, this workshop was structured much differently than other CLMN workshops held in the past. A pontoon was rented for the day and attendees had an opportunity to sign up for 1 of 3 two-hour field experiences. No desks, no chalkboards! We had a tremendous turn-out compared to past years!

Attendance sheets and a press release are included. Some mileage was incurred (mileage included in tabs 2A and appendix E).

Expenses:

Pontoon rentals-	\$195.00
Supplies-	\$ 37.25
	\$ 20.55
	\$ 10.62
Bobbers-	\$ 75.00

# AIS MONITORING WORKSHOP

DATE: AUGUST 13, 2013

TIME: 10 A.M. - NOON

LOCATION: THOROUGHFARE LANDING, MINOCQUA

	NAME	ADDRESS	EMAIL
1	Roger Peters		
2	Mid Lake		
3	Mid Lake		
4	Mid Lake		
5	Mid Lake		
6	Mid Lake		
7	Sharon Mayowan		
8	Derek + Jenna		

12:30  
) Rob Mcgrane 715-546-3913

# AIS MONITORING WORKSHOP

DATE: AUGUST 13, 2013

TIME: 8 A.M. - 10 A.M.

LOCATION: THOROUGHFARE LANDING, MINOCQUA

	NAME	ADDRESS	EMAIL
1	<del>Al Toussaint</del>		
2	Lynn Karle		
3	John Neville		
4	Roger Peters		
5	David Boyd	contacted us via phone mess.	
6	Tina (and crew)		
7			
8			



CITIZEN LAKE MONITORING NETWORK WORKSHOP SIGN-IN SHEET

13

Workshop Location Throughout Fare

Workshop Date 8/13

Workshop Host \_\_\_\_\_

Workshop start and end time \_\_\_\_\_

	Name	Lake and county monitored	Are you to home a ki no)
	<i>Myrna Mescher</i>	<i>S. Blue Lake - Oneida</i>	
1	<i>ROB MCGRAW</i>	<i>THREE LKS CHAIN</i>	
2	<i>Fred Felix</i>	<i>McLormick - Oneida</i>	
3	<i>JUDY BURSCHEID</i>	<i>LOWER KAUB. LAKE ONEIDA</i>	
4			
5			
6			
7			
8			
9			

CITIZEN LAKE MONITORING NETWORK WORKSHOP SIGN-IN SHEET

Workshop Location Thorough Fare  
 Workshop Host M. Sadauskas

Workshop Date 8/13/2013  
 Workshop start and end time \_\_\_\_\_

	Name	Address	Lake and county monitored	Are you taking home a kit? (no)
1	<del>DAVID BOYD</del> DAVID BOYD		VELVET + FLANNERY ONEIDA	X
2	John Sewille		Bearskin Lake oneida	yes
3	Lynn Karle		Big Bearskin Lake	y
4	Dick Garrett		Minocqua / Kawaga	no
5	Tashena Vanzile		Rice Lake mole lake	Yes
6	Tina L. Vanzile		Rice Lake Mole lake	Yes
7	Ray Tallier		Rice Lake Mole Lake	Yes
8				
9				

# 2

CITIZEN LAKE MONITORING NETWORK WORKSHOP SIGN-IN SHEET

Workshop Location Throughout Fair

Workshop Date 02/13/13

Workshop Host \_\_\_\_\_

Workshop start and end time \_\_\_\_\_

	Name	Address	Lake and county monitored	Are you to home a ki no)
	ROGER PETERS		Clear, Lincoln	
1	Jena Miles		Eagle River, Burnt Hills Dam, Oneida	Yes
2	Derek Thorn		Three Lakes, Town Line	Yes
3	Chloe Grant Robert Grant		Mid Lake, Oneida	Yes
4	Sharon Magowan		Tom Doyle Lake <del>MS</del> McVaughton	Yes
5	Leslie Iordachescu		Mid-Lake - Oneida	
6	NEILL WOELFFEL		MID LAKE - ONEIDA	Yes
7				
8				
9				

Conservation & UWEX  
Education Committee  
Tom Rudolph, Chair  
Bob Martini, Vice  
Greg Berard  
Jim Intrepidi  
Bob Mott  
Clint Zimbeck, FSA  
Members



Conservation & UWEX Education Committee  
Land & Water Conservation Department  
3375 Airport Rd # 10  
Rhinelander, Wisconsin 54501  
Phone (715) 365-2750  
Fax (715) 365-2760

*Jean Hansen*  
*County Conservationist*

*Michele Sadauskas*  
*AIS Coordinator*

*Kerri Ison*  
*Administrative Assistant*

July 26th, 2013

NEWS RELEASE

TO: Local Area Media

FROM: Michele Sadauskas  
Oneida County AIS Coordinator  
715-365-2750

WHAT: AIS Monitoring Workshop  
WHEN: Tuesday, August 13<sup>th</sup>  
WHERE: Thoroughfare Landing, Minocqua

We are going to try something new this year! This 'Classroom' experience will be on a pontoon boat and *only* on a pontoon boat! No desks or chalkboards!

Participants will get to view Eurasian water-milfoil, Purple Loosestrife, Yellow Iris, Curly-leaf Pondweed (hopefully still available for our viewing pleasure), and possibly other AIS. The Thoroughfare is home to a number of AIS and also home to other neat creatures.

Learn to identify and recognize native and non-native aquatic species, so that you can go back to your own favorite waterbody and watch for what is growing! Learn what to do if you spot an AIS in the water.

There will be two time slots to choose from: 8:00 am – 10:00 am, or 10:00 – Noon. Participants must sign up in advance for this workshop. Please contact Michele at 715-365-2750 to register.

This event is brought to you by the Oneida County Land and Water Conservation Department. For more information visit [www.oneida.uwex.edu/](http://www.oneida.uwex.edu/)

**2E. Present to schools to promote prevention of AIS. (\$508.00)**

In 2013, the Oneida County AIS Team participated in multiple events that centered on students.

***May 16, 2013, CAVOC 3<sup>rd</sup> grade field event.***

Four classes (est. 90 students) of 3<sup>rd</sup> graders attended a field event at CAVOC (Cedric A. Vig Outdoor Classroom) on May 16, 2013. This is the 4<sup>th</sup> year the Oneida County AIS Team has participated in this event. The students rotate through 3-4 water-related educational stations. This year the LWCD played a rusty crayfish game with the students. Please see attached write-up on the event.

***May 29, 2013, Hodag Park event with Mrs. Werner's 4<sup>th</sup> grade class.***

Mrs. Werner's 5<sup>th</sup> grade class walked to Hodag Park in Rhinelander to participate in an AIS-field day. Three stations were developed and consisted of: CBCW boat inspections, on-lake AIS training, and a plant detective station. 24 students participated in the event.

***June 8, 2013, Family Fishing Fun Days.***

The Oneida County AIS Team manned an educational booth that welcomed over 300 registered youth. Microscopes, live specimens (both animal and plant), wildcards, stickers, tattoos, and other giveaways were on hand. The ever popular button press was on hand and youth flocked to have their very own AIS button made!

***October 22 and 31, 2013, Worm Watch.***

Oneida County LWCD participated in a worm watch project with Cheryl Esslinger's high school environmental education classes (2). On October 22, a one hour classroom presentation was given to the classes to prepare them for the October 31st fieldtrip. The presentation taught students about Wisconsin's invasive worms, the damage they do, and how students can monitor boat landings and forested tracts of land for invasive worms. On Halloween over 30 students monitored for earthworms on Holmboe State Natural Area, Rhinelander, WI.

***Classroom visits*** occurred on May 16, 2013 to Mrs. Hunter's 4<sup>th</sup> grade class (Central Intermediate), November 14, 2013 for Mrs. Jacobson's 4<sup>th</sup> grade class (Three Lakes School District), and November 26, 2013 for Mrs. Werner's 5<sup>th</sup> grade class (Central Intermediate). Sadauskas was also able to be a guest speaker at James William Middle School (September 18, 2013) for a science career day. Over 300 students not only learned what AIS was, but were able to see just what an AIS Coordinator does and how the Oneida County AIS team fights AIS!

***Additionally***, many student projects continued throughout the year. Notably was Ms. Lehman's work experience students who helped the Oneida County AIS team with multiple projects (boat bumpers, office work, sign installation, etc.). Moreover, a huge hit in the Channel 12 viewing area was the AIS question/answer segment with Mrs. Werner's 5<sup>th</sup> grade class. Each student was able to ask an AIS question *on air*, and Sadauskas and Hansen (Oneida County Conservationist) then answered *on air*! This turned out to be such a huge success that Channel 12 and LWCD continued the project into 2014.

**Expenses:**

Pontoon rental--	\$380.00
Supplies--	\$22.58 and \$34.21

**James William Middle School, Rhinelander WI**  
**Science Career guest speaker**  
*-michele sadauskas*

On Wednesday, September 18, my assistant, Cara Wanserski, and I were guest speakers for 302 7<sup>th</sup> & 8<sup>th</sup> graders at James William Middle School (JWMS). JWMS science teachers are promoting science and highlighting science careers in the Rhinelander area by inviting a wide-range of science professionals to their school.

I was contacted by Lisa Sweeney on July 23 to participate in the program. Of course I immediately said "YES"! The guest speakers are invited into the school on early-release days, this works well for scheduling and formatting. The Oneida County AIS program was the first team/science career to speak for the 2013 school year. It was wonderful to know that we would be contacting over 300 7<sup>th</sup> & 8<sup>th</sup> graders about AIS and, even more importantly, giving the students a look into what type of skills are important to work in a water resource field, such as aquatic invasive species.

We talked to six groups during the day. Our smallest group was 19 students; our largest group was 74 students. The larger groups were more engaged, and had much more diversity. Originally, I thought the larger groups would be harder to talk with and engage, but found out it was the smaller groups that were more difficult to connect with.

I had prepared an outline for the day (which was used just to keep Cara and I on track) and a short Powerpoint presentation. I have attached the presentation to this report. The students were given two handouts; a bathymetric (contour map) and my assistant's end-of-season report. The contour map (Lone Stone Lake) was used to engage students in lake map reading. They were asked to locate boat landings, find the deepest part of the lake, where to look for plants, and to tell us where we could find different substrates in the lake.

We also showed the students an aerial map of Lone Stone Lake and had them pick out various features. They were shown the proximity of the boat landings to areas of hand-pulled Eurasian water-milfoil. We wanted to make sure they understood how we used GPS coordinates and spatial data to help us locate and study AIS, and to show where AIS typically enters a lake. The students seemed to really enjoy looking at the aerial map and map features. They were able to pick out the 'Lone Stone' on the lake, a huge lawn, and a bog. Good engagement with this material!

We also brought a few 'tools of the trade' with us. We showed them how to use a secchi disk, mentioned the video camera, and talked a bit about the end-of-season report that my assistants worked up. I mentioned how important photography and art was to my profession, and that science didn't only mean research and collecting data. I explained how I needed to be creative in performing educational outreach, and understand how to connect with people on media sites and through artistic brochures and posters.

We also had a video to show the students, but found we had very little time to show it. Each rotation lasted around 40 minutes. We had some questions from students, but not a lot. It seemed like some students were familiar with AIS, but all told I would say 85% + of students did not know what AIS was. Hopefully with increased visibility and education in the 4<sup>th</sup> & 5<sup>th</sup> grades, future 7<sup>th</sup> & 8<sup>th</sup> grade students will quite familiar with AIS.

This was a great day! It was a great opportunity to reach out to many students. Since my first day on the job, I wished to increase youth education, AND provide opportunities and engagement for youth in the Oneida County AIS program. With programs such as this, I feel my hopes and goals will most certainly be met!

**Michele Sadauskas  
Oneida County AIS Coordinator  
James Williams Middle School Science Career Event**

**I. Introductions**

- a. who we are
- b. who we work for
- c. what we do

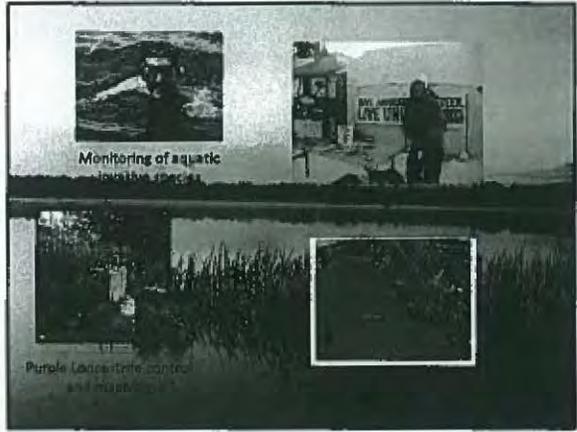
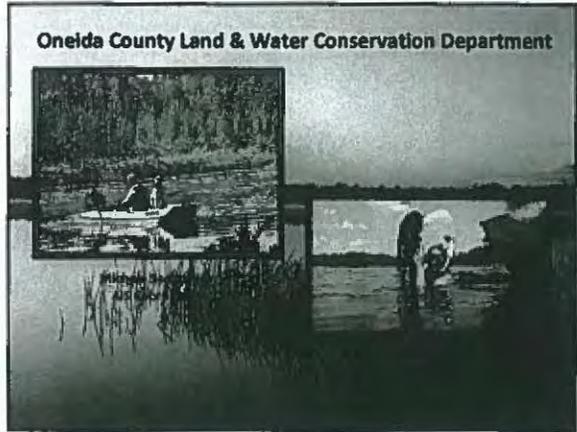
**II. Tools of the trade**

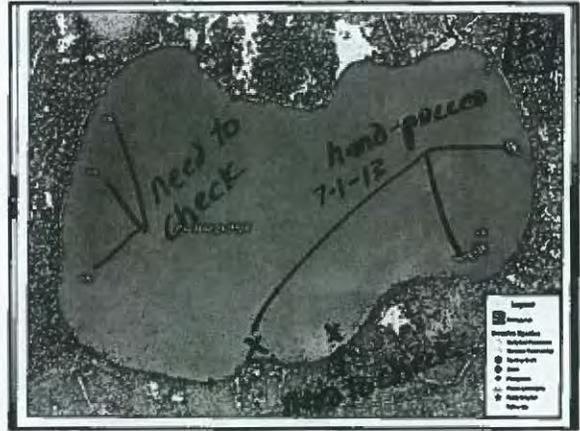
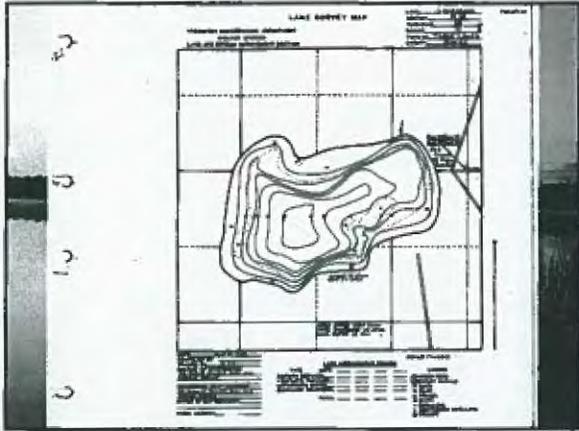
- a. our educations
- b. what you study and what you have for hobbies are important!
- c. introduce equipment used

**III. Videos and hands-on component**

- a. underwater video
- b. working with maps

**IV. Questions**



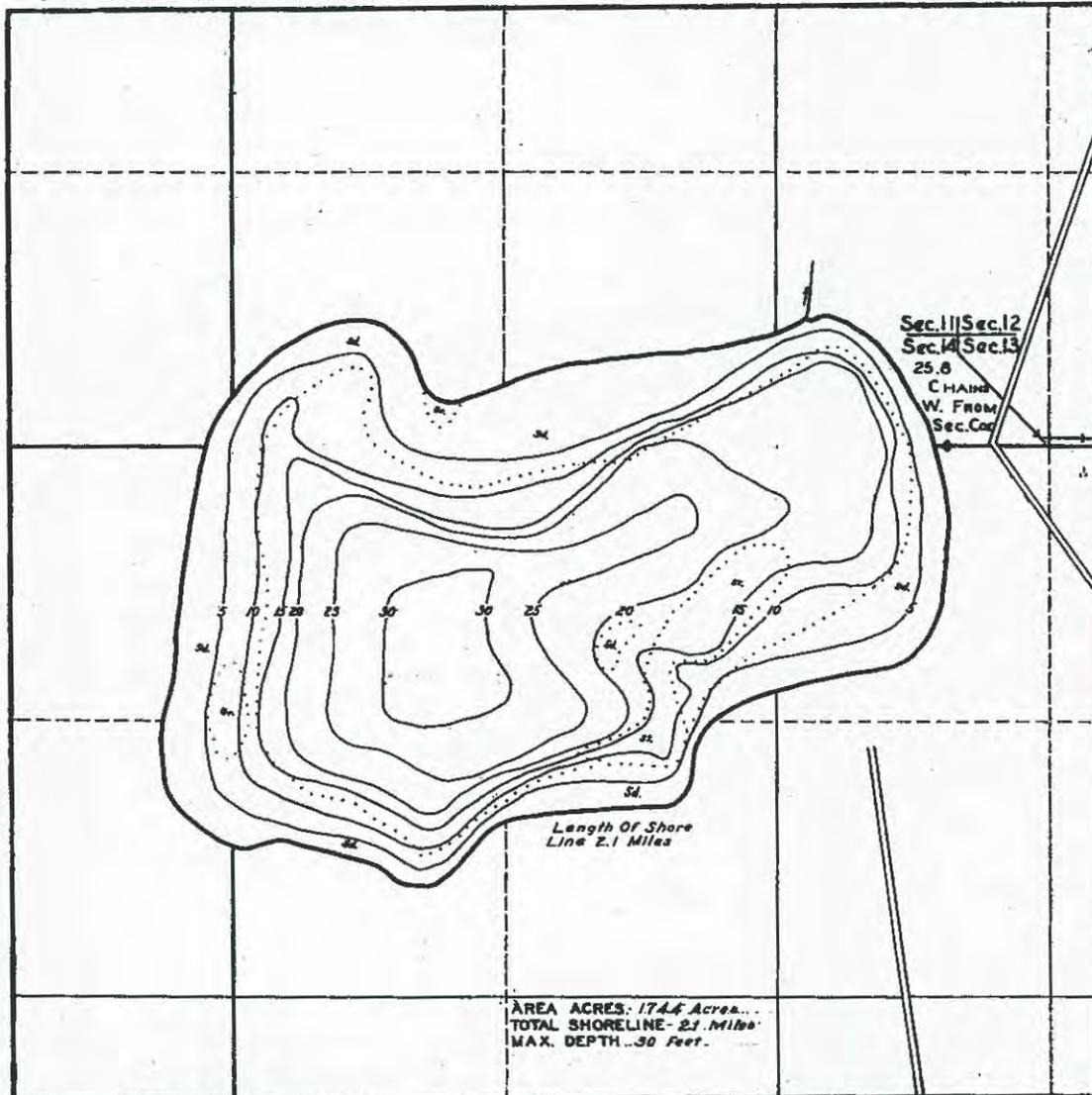


# LAKE SURVEY MAP

LAKE LONESTONE  
 SECTION 11.14  
 TOWNSHIP 39 N  
 RANGE 11 E  
 TOWN OF THREE LAKES  
 COUNTY ONEIDA

FORMFI-117

WISCONSIN CONSERVATION DEPARTMENT  
 BIOLOGY DIVISION  
 LAKE AND STREAM IMPROVEMENT SECTION



DATE July 15, 1939  
 COMPILED BY \_\_\_\_\_  
 TRACED BY R. F. F.  
 SOURCE OF INFORMATION  
U.S. Forest Service Lake And  
Stream Survey  
 SOUNDINGS At 5' Intervals  
U.S. Forest Service Lake And  
Stream Survey  
 DATES OF MAP REVISION \_\_\_\_\_  
 WORK AGENCY \_\_\_\_\_

### LAKE IMPROVEMENT RECORD

TYPE	DATE	_____	_____	_____
○ BRUSH REFUGES	_____	_____	_____	_____
— SAPLING TANGLES	_____	_____	_____	_____
□ SPAWNING BOXES	_____	_____	_____	_____
✱ MINNOW SPAWNERS	_____	_____	_____	_____
TOTAL	_____	_____	_____	_____

SCALE: 1" = 400 Ft.

#### LEGEND

⊗	WEED BEDS
⊠	ROCKY SHOALS
⊞	SAND
⊟	CLAY
⊠	GRAVEL
⊞	MUCK
⊠	DWELLING
⊠	ABANDONED DWELLING
⊠	RESORT

Sept. 18 | EARLY release |

Dear -

Here is the format for the guest speaking day on December 6<sup>th</sup>. I thought I would send this to you so that if you have any questions or concerns, you can be prepared and know what to expect. Each class hour listed will have 1 to 3 staff members in the room with you along with varying numbers of 7<sup>th</sup> and 8<sup>th</sup> graders. All 7<sup>th</sup> and 8<sup>th</sup> grade science students will hear the presentation. The presentation will take place in a project lab, where all students will be seated on the floor towards a projector unless you have a different set up that will work for you. The project labs are the size of two classrooms, so they are fairly large. In the room there are few desks, but not enough for all students during some of the presentations. If you need assistance with set-up, please let me know. All science teachers will be here at 7:30 a.m. that morning.

**Schedule for December 6<sup>th</sup>, 2012**

1<sup>st</sup> hour 7:58 – 8:38 21 students with 1 staff member

2<sup>nd</sup> hour 8:42 – 9:22 45 students with 2 staff members

3<sup>rd</sup> hour 9:26 – 10:06 68 students with 3 staff members

7<sup>th</sup> hour 10:10 – 10:50 34 students with 2 staff members

4<sup>th</sup> hour 10:54 – 11:34 31 students with 2 staff members

5<sup>th</sup> hour 11:38 – 12:18 29 students with 2 staff members

6<sup>th</sup> hour 12:22 – 1:01 YOUR LUNCH

8<sup>th</sup> hour 1:05 – 1:45 34 students with 2 staff members

**\*\* All class periods are equal time of 40 minutes; therefore, the presentations will be approximately 35 minutes in length by the time attendance is taken and all students are settled in. There will be a lunch period of 40 minutes.**

Our hope for the presentation would include some information on what it takes via education to do your job or other science career opportunities within your company. When I originally talked I expressed the desire to have some hands-on component or demonstration if possible, but I also realize that will be very difficult considering our present layout and format of the day. If you can think of a way to do it, I welcome your input and ideas. You will have a computer at your access along with smartboard and projector. I can also get a tv, if needed.

Please let me know if you need anything else or have any other questions or concerns. Again, I thank you for willingness to assist in the education of our youth here at JWMS by showcasing your career option for their future.

Thanks for your help with this task! I truly do appreciate it!

Lisa Swaney

**2013**

**May 29th- Mrs. Werner's 5<sup>th</sup> Grade Class**

~25 students

- students arrive at Hodag Park at 10:00 am
- Bus leaves back to Central 2:05 pm

Schedule (estimated timing):

10:00-students arrive  
10:00-10:15-Introduction  
10:15-11:15-Rotation 1  
11:15-12:15-Rotation 2  
12:15-12:45-Lunch  
12:45-1:45-Rotation 3  
1:45-2:00-Wrap-up

Where:

-We would like to have Mrs. Werner's class meet the Oneida County AIS Team at Hodag Park in Rhinelander.

Purpose: We will have 3 stations for students. Each group of 8 students will rotate through a station. Students will become more familiar with the Oneida County AIS team, learn how boats are inspected for AIS at landings, have an opportunity to search and mark for AIS on Boom Lake, and learn how-to identify native plant species from non-native plant species.

Staff:

-That day, we will have Michele Sadauskas, Cara Wanserski, and Therese Hubacher from Oneida County Land and Water Department. We also plan on having Rachel Hahn, a student teacher from Mellen, and have retired teacher Lynn Karle help on this project.

May 29-  
2013

Name: \_\_\_\_\_



Congratulations! You have been nominated to be Oneida County's first Plant Detective. As a Plant Detective you must solve plant mysteries from the counties citizens. Today is your first day on the job and you already have cases waiting for you. Area citizens brought you samples of plants that they need help identifying and left you some notes to help you.

Please work by yourself and solve the cases correctly to impress your new boss.

Case #1

Hi there! I am Mr. Blue, and I need your help. My home is being taken over by some awful invasive species and I need you to tell me what they are so I can clean up my home. I have brought you a sample of what I found. Please tell me what this is so I can find a way to clean up my home.



Hints:

- Make sure to count the number of leaflets.
- It can be 6 feet tall or more
- It is dense toward the water's surface.

Case #1-The plant that Mr. Blue brought is \_\_\_\_\_.

Bonus Question- What kind of fish is Mr. Blue? \_\_\_\_\_

Case #2

My name is Mikey Muskellunge and something is in my water that I don't think I have seen before. Would you please tell me what it is?



Hints:

- Mikey found this plant at the edge of a stream.
- The stem is hard to bend.

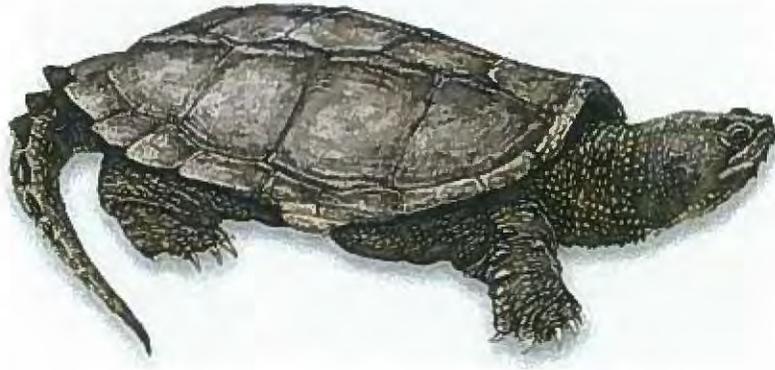
Case #2- The plant that Mikey Muskellunge brought is

\_\_\_\_\_.

Bonus question: What other Wisconsin fish do I closely resemble? \_\_\_\_\_

Case #3

I am Tex the Snapping Turtle and something is starting to grow in the lake that I live in. Could you please tell me what this is and what I should do?



Hint:

-This plant is often found in water that is less than 7 feet deep.

Case #3- The plant that Tex brought is \_\_\_\_\_.

What should he do?

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Bonus Questions: Circle the plant that does not belong.



Why does it not belong?

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6/8/13 Saturday- Family Fishing Fun Day! We participated in this community event by having our own station. We got there early and set up. We had preserved specimens, microscopes, live specimens in aquariums, purple loosestrife plants, and a button maker to share with everyone. All the kids loved the button maker, we had buttons that they could color themselves and nearly every kid participated. The families really enjoyed learning more about the AIS in the area and looking at all the specimens.

6/9/13 Sunday- CBCW at Willow. Boating traffic was pretty slow for this landing today- it was cold and rainy most of the day. By the time the weather cleaned up most campers were long gone!

6/10/13 Monday- In the office with Michele and Therese. Therese and I started by organizing the office and putting away everything from Saturday's event. We worked on getting some materials gathered for the event this weekend, our presentation for Three Lakes next week, and working with Deb S. with our results from the observation study. I ran to Schroeders to finish things up from our rental the other week.

6/11/13 Tuesday- In the office with Michele and Therese. The Northwoods Expressions banner arrived today! Michele and I put it together and took pictures to share with the group. I was working on the Three Lakes library power point presentation on and off throughout the day. We had a team meeting with Nancy on speaker phone and set our plans for the next few weeks. Therese, Michele, and I went out into the field (Quality Inn yard) and collected some beetles for our Purple Loosestrife plants. Therese and I placed them on our plants after returning from Menards where we purchased a cooler and other supplies for the Draining Campaign on Saturday.

May 24, 2013-05-22  
3<sup>rd</sup> Graders @ Cavoc  
Crayfish Game  
Cara Wanserski & Therese Hubacher

Before we attended the event Therese and I updated some of the materials in the crayfish game tote. We made buttons to identify the different roles of the game as last years paper tags were moldy. We also laminated some of the paperwork to prevent it from getting moldy.

We did read the write-up from last year so we were prepared to face a lack of organization but they really were not organized! Therese and I were not greeted, we set up our station and shortly after we started getting groups of kids. After we were done the kids all went on a nature walk, Therese and I looked around briefly and then left. It was odd to not have talked to any hosting adult.

The game went pretty well. The kids were already sort of familiar with it but called it by another name. We tried to give them a quick introduction about Rusty Crayfish and why they are bad in our waters. We explained invasive/non-native species versus native species, which was a new concept to a majority of the group. They sort of understood. They were antsy to play the game and once we started playing they did not want to stop. The overall concept of the game was a little advanced for this age group. Out of four groups, one group started to understand that the Rusty Crayfish negatively impacted the other group's populations. For the rest of the groups, we were happy if they understood that Rusty Crayfish were bad.

\*\*\*\*Careful of the buttons! May want to try something else, we had 2 kids poke their fingers and most of them wanted to keep them.\*\*\*\*

**2F. Purple Loosestrife biocontrol project and workshop. (\$349.00)**

On May 8, 2013 LWCD hosted a Purple Loosestrife workshop in Rhinelander, WI. The 3-hour workshop consisted of identifying Purple Loosestrife ( PL) in the field, digging PL, setting up beetle-rearing plants, and ultimately showed participants how to raise PL beetles! Three people attended the workshop, and it is hoped they took their learning experience back to their respective lake groups.

**Expenses:**

Supplies (includes soil, bamboo stakes, netting, fertilizer, etc.)	\$25.00
	\$18.86
	\$15.00
	\$17.96

Oneida County Extension Office  
3375 Airport Road #10  
Airport Terminal – Lower Level  
Rhinelander, WI 54501  
(715) 365-2750  
FAX: (715) 365-2760

April 15, 2013

**NEWS RELEASE**

**TO:** Local Area Media

**FROM:** Michele Sadauskas  
Oneida County AIS Coordinator  
715-365-2750

**SUBJECT:** Oneida County's Aquatic Invasive Species (AIS) Team announces  
NEW workshops for May

**Clean Boats Clean Waters (CBCW), May 2 5:00-7:00pm, Rhinelander Airport & May 21 9:00am  
– 12:00pm Minocqua Community Center**

Two free CBCW workshops, hosted by the Oneida County Land and Water Department and the University of Wisconsin-Extension, and sponsored by the Wisconsin Lakes Partnership are being planned for May. The Clean Boats, Clean Waters (CBCW) program provides an opportunity to learn how and why educational awareness is critical in preventing the spread of aquatic invasive species (AIS).

The workshops will have speakers from multiple resource agencies. Participants will receive information on AIS along with species identification, instruction on how to organize an effective volunteer watercraft inspection program and practice with conducting boater interviews. A CBCW water inspection handbook and kit, containing all the tools an inspector needs will be available at the workshop. Seating at both is limited so register soon. The first workshop will be held from 5 p.m. to 7 p.m. Thursday May 2nd at the **Rhinelander Airport, 3375 Airport Rd., Rhinelander**. The other workshop will be held from 9 a.m. to 12 p.m., **Minocqua Community Center, 415 Menominee Street, Minocqua**. Coffee and doughnuts will be provided.

To register for this workshop contact the Oneida County UW-Extension office at 715-365-2750. For more information on the CBCW program, visit <http://www.uwsp.edu/cnr/uwexlakes/cbcw>. For any other questions please contact Michele Sadauskas, Oneida AIS Coordinator at 715-365-2750.

UW-Extension provides equal opportunities in employment and programming including Title IX and ADA requirements. Please advise us 24 hours in advance of program if you have a disability and desire special accommodations to attend. Requests will be kept confidential.

**Purple Loosestrife Beetle Rearing Workshop, May 8 4:30-7:30pm, Quality Inn and Rhinelander School District Property**

This free workshop will give you the experience needed to dig the aquatic invasive plant, Purple Loosestrife, grow plants for beetle food, and of course, raise Purple Loosestrife (PL) beetles! This will be a hands-on workshop...no desks allowed!! Our team learned lots last year when we raised and released beetles for Crescent Lake, Minocqua Thoroughfare, Big & Little Carr Lakes, and our PL demonstration site. We hope to see lots of new faces and many more beetles for 2013. Won't you join us for the fun?

To register for these workshops contact the Oneida County UW-Extension office at 715-365-2750. For more information on the CBCW program, visit <http://www.uwsp.edu/cnr/uwexplakes/cbcw>. For any other questions please contact Michele Sadauskas, Oneida AIS Coordinator at 715-365-2750.

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# # #

**2G. AIS training workshop for resource professionals and educators. (\$253.00)**

In spring of 2013, Oneida County LWCD began preparation for its AIS training workshop for resource professionals and educators. It quickly became apparent that the 'window of opportunity' for reaching educators had already passed. With AEPP-373-13 extended to June 30, 2014, it was decided to postpone the workshop to the summer of 2014.

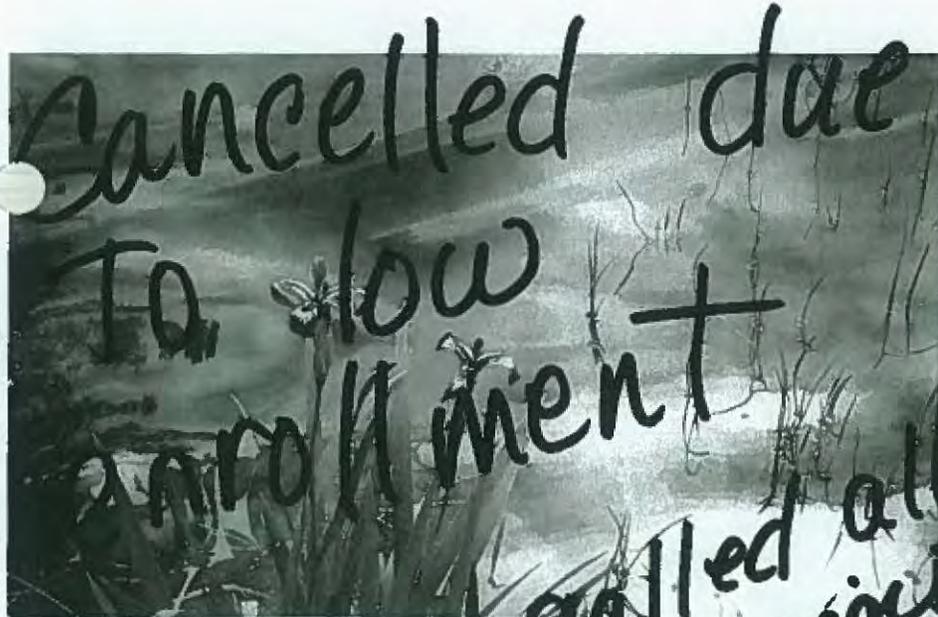
Preparation began again in early 2014 for the workshop. Teachers were polled, CESA (Cooperative Educational Service Agency) #9 was contacted to become a partner, and things seemed to be progressing well. The event was to be held at Kemp Natural Resource Station in Woodruff, WI. Due to the location, dates were limited. A date of June 30, 2014 was picked.

LWCD gathered seven registrations, but unfortunately cancellations started to occur. When only 2 confirmations remained shortly before June 30, LWCD made the decision to cancel the workshop.

Overall, the workshop announcement brought interest and good reviews, but it would seem the workshop date (the Monday before the 4<sup>th</sup> of July) proved difficult. It was determined to try again in 2015 with a teacher survey going out, an updated teacher list-serv being used, and an earlier workshop date set.

Documentation for preparation of the workshop is included.

No expenses occurred.



**JUNE 30, 2014**

9 a.m. – 3:30 p.m (Optional Bog Walk at 7 a.m.)

# WORMS, WATER, AND AQUATIC PLANTS

How to bring them into the classroom and satisfy core standards!

Oneida County Land & Water Conservation Department invites you to walk along Lake Tomahawk to observe native and invasive aquatic plants, dig in the dirt to identify worms, learn to identify great and not-so-great shoreland habitat, and find out how-to-grow native wetland plants at school.

## AGENDA

*attendance 77  
eating*

MORNING	
8-9:00	Optional – Bog Walk
9-9:30	Registration/Sign In
9:30-9:45	Introduction
9:45-10:45	Rotation 1
10:45-11:45	Rotation 2
AFTERNOON	
11:45-12:30	Lunch (option to purchase catered lunch for \$10 or bring your own)
12:30-1:30	Rotation 3
1:30-2:30	Rotation 4
2:30-3:30	Demonstration on bringing rotation projects into the classroom. Workshop wrap-up.

**REGISTER ONLINE BY JUNE 23 AT:**

**<http://bit.ly/1j9Wgqm>**

### LOCATION:

Kemp Natural Resource Station, Boathouse Classroom, Woodruff, WI

### AUDIENCE:

Science Educators (Limit 30 People)

### COST:

FREE

### WI TEACHING STANDARDS:

1, 2, 3, 7, 9, 10

### ROTATION STATIONS:

- ✓ Worms and Mustard
- ✓ Water Walk – Aquatic Plants
- ✓ Habitat
- ✓ Native Wetland Plant Restoration

**Please bring water-shoes, boots or waders with you.**

All workshop rotations will be **OUTSIDE**, so participants should wear appropriate clothing. We will not cancel for light rain.

**What:** Worms, water, and aquatic plants. How to bring them into the classroom and satisfy core standards! This may not be the title, I am working on that yet. Suggestions?

**When:** Monday, June 30, 9:00 a.m. to 3:30 p.m., with an optional bog walk at 8:00 a.m.

**Where:** Kemp Natural Resource Station, Boathouse Classroom, Woodruff, WI

**Who:** Science educators, workshop limit 30.

**Why:** Oneida County Land & Water Conservation Department wishes to increase invasive species, wetland, and shoreland education to area educators. We also wish to provide professional development opportunities to educators to obtain their career goals.

**How:** CESA 9 will be registering participants and will award participants with a professional development certificate. There will be 4 stations that educators will rotate through. Here is the proposed schedule:

8:00-9:00 Intimate walk in the bog (optional)  
9:00-9:30 Sign in  
9:30-9:45 Intro  
9:45-10:45 Rotation 1  
10:45-11:45 Rotation 2  
11:45-12:30 Lunch (option to purchase catered lunch or bring your own lunch)  
12:30-1:30 Rotation 3  
1:30-2:30 Rotation 4  
2:30-3:30 Laure McCloskey & Theresa Werner demonstrating how they bring the above projects into the classroom. Laure will do middle school, Theresa will focus on grade-school. This hour will also include wrap-up (hand out of certificates, etc.) of workshop. I am guessing we should devote no more than 45 minutes for implementation time. Laure and Theresa I need to talk with you a bit more on logistics for this hour.  
Thanks!

**Stations:**

1. worms and mustard--TBD
2. water walk (aquatic plants includes AIS)—sandy wickman?, my crew?, TBD
3. habitat—pat goggin
4. native wetland plant restoration--michele

### Financial Statement

Event Title: Worms, Water and Aquatic Plants (9668) (ID #9668)  
 Sub Title: How to Bring them into the Classroom and Satisfy Core Standards  
 Agency: CESA 9  
 Agency Linda Myers  
 Contact:  
 Agency Kristine Peeters  
 Assistant:

Location: Kamp Natural Resource Station  
 Facility: Boathouse  
 Date/Time: 6/30/2014 09:00 AM - 03:30 PM  
 Optional Bog Walk at 8 A.M.



Project Code: SI (178) - SCHOOL IMPROVEMENT  
 Event Cost: \$0.00

Name	Bill To	Building	Title	Email	Work Phone	Home Phone	Attendance	Registration Notes	Payment Notes	Paid By
Colver, Melinda	Mellen	Mellen El	teacher				Attended	<i>Confirmed</i>		
<del>Dalton, Maureen</del>	<del>Minocqua</del>	<del>Minocqua El</del>	<del>Teacher</del>				<del>Attended</del>	<del>Cancelled</del>	<i>6-25-14 9:46 AM</i>	
Lehman, Shelley	Rhineland	Rhineland Hi	Special Education Teacher				Attended			
Petitjean, Anthony	Black Hawk School District	Black Hawk Hi	Teacher				Attended	<i>voicemail</i>	Please bill me for the lunch.	
<del>Roberts, Pam</del>	<del>Bayfield County</del>	<del>Bayfield County</del>	<del>Coordinator, Northwoods CWMA</del>				<del>Attended</del>			
Robinson, Quinn	Lakeland UHS	Lakeland Hi	Teacher				Attended			
Runkel, Cheryl	Runkel, Cheryl	Runkel, Cheryl	DBA Student / DNR Angler education instructor				Attended			

*6-14*  
*15*

715 889  
2467

*confirmed*  
~~confirmed~~  
*confirmed*

Total Re  
Total

*7*  
*2 cancellations*

*4*  
*2 voicemails*

*5*  
*1 maybe*

*2*  
*1 confirmed*

*4*

*1 ?*

**Financial Statement**

**Event Title:** Worms, Water and Aquatic Plants (9668) (ID #9668)

**Location:** Kemp Natural Resource Station

**Project Code:** SI (178) - SCHOOL IMPROVEMENT

**Sub Title:** How to Bring them into the Classroom and Satisfy Core Standards

**Facility:** Boathouse

**Event Cost:** \$0.00

**Agency:** CESA 9

**Date/Time:** 6/30/2014 09:00 AM - 03:30 PM  
Optional Bog Walk at 8 A.M.

**Agency Contact:** Linda Myers

**Contact:**

**Agency Assistant:** Kristine Peeters

**Assistant:**

<u>Payment Method</u>	<u>Fee</u>
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00
	\$0.00

**Registered:** ----- 7  
**Amount:** \$0.00

**3A. Create and distribute a bi-annual AIS newsletter. (\$185.00)**

In 2013, AIS project assistants created and distributed an 'AIS Project Assistants Summer Summary'. During the summer of 2014, project assistants created and distributed a late summer 'Oneida County AIS Newsletter'. The summary and newsletter were distributed via a +220 person list-serv, displayed on the Oneida County AIS webpage, and printed and distributed to various AIS-educational events (for ex. Hazelhurst AIS Fair, Oneida County Fair).

Beginning in 2014, Oneida County LWCD will create and distribute a printed end-of-year report to partners, residents, and visitors. All other communication updates will be via email, list-serv, Facebook, and the Oneida County AIS webpage. The creation and distribution of a printed AIS newsletter will be no more.

Some expenses for printing were incurred (see appendix G).

# 2013 AIS Project Assistants Summer Summary



## CBCW Efforts

Once again, the team logged 750 hours of Clean Boats/Clean Waters time at boat landings this summer. We got off to a late start, due to the fact that most lakes were still iced over on opening day of fishing! We spent time at 39 different boat landings in Oneida County doing watercraft inspections and educating boaters. Speaking of boaters...we talked to 1,869 of them during those 750 hours!

We participated in the state's 'Ice Your Catch' campaign. We handed out logo ice packs that boaters could use on their next fishing trip that reinforced the messages regarding CBCW. We also brought along *real* ice in our coolers and filled baggies with ice for fishermen to use that day. It was very well received by the boaters, and went a long way in educating boaters on draining all their equipment. Over the 4<sup>th</sup> of July holiday weekend, we also participated in handing out the boat towels received from the state.

Throughout the rest of the summer, we handed out packets of information to the boaters we talked to. These packets contained the 'Stop Aquatic Hitchhikers!' stickers, as well as the Wisconsin fact cards with information on AIS. We had logo bobbers to give the kids, and key chains for the boat owners. These packets provided a good conduit to our discussions about AIS and what each boater can do to help slow/stop the spread.

We couldn't hit all the lakes in Oneida County, so we rely on our lake association volunteers to 'man' the other landings. We are proud of the training we've done this summer, and the education we've done at numerous lake association meetings. 84 new volunteers were given personalized training at their boat landings! In addition, we spoke at 12 lake association meetings. These meetings were critical in getting all property owners to understand their role in maintaining the health of their lakes. It also helped us recruit new volunteers for their lakes CBCW program.

Another way we got our message out to boaters when we weren't at the landings was through the use of boat bumpers on the piers at 44 landings in the county. These boat bumpers had stickers on them with the Oneida County Land & Water Conservation logo, but they also had stickers with the 'Inspect. Remove. Drain. Wash. Dry' message on them.

## Yellow Iris

This year, in addition to providing education on the invasive aquatic plant, Yellow Iris, we started a management effort!

Yellow Iris is an invasive plant that effects many of our shorelines in Oneida County. Currently, there is not many agencies that are managing this species. We are unsure of the best practice in ridding our lakes of it, for that reason we cut a small section this year. We would like to follow up and make sure that this is the best way for Oneida County to get rid of the Yellow Iris plants.

We chose an area of Lake Minocqua between Stachs Bay landing and the bridge on HWY 47 for our management study. In that area, we selected, marked, and cut/removed all the Yellow Iris plants in a 20' section. The plant material was bagged and removed from the area. The highway department incinerated it for us.



During our efforts, Channel 12 came by to interview Michele. We received a lot of positive response from the interview and hope that it helped to further educate the public regarding this species.

## CLMN Workshop

With the help of Sandy Wickman *WDNR* we hosted a Citizen Lakes Monitoring Network workshop at the Throughout Fare landing on Lake Minocqua/Lake Tomahawk.

The goal of the workshop was to get people out onto the water to identify aquatic invasive species (AIS), get them familiar with some of the equipment we use, and to increase their interest in the CLMN program.

We had a great turnout, over 25 people came out and enjoyed some time on the water with us!



## Kids Education

Throughout the summer we were fortunate to have opportunities to educate kids on AIS. We worked with kids from 3rd grade through high school in various settings from the classroom to outdoors in after school programs.

The first project that involved kids for the summer was the poster contest. Michele had spread the word about the poster contest before we were hired and the posters came in shortly after we had begun. We were included in selecting the winners, announcing the winners, visiting the winning classrooms, and creating the calendar with the winners on it. This was a fun project to be a part of as the kids had such enthusiasm for all aspects of it.



We worked with Theresa Werner and her 5th graders for a couple projects. They were part of our poster contest, had an AIS educational day down at Hodag Park, and created a AIS/TIS question box in their library. They were a great bunch to work with as they were extremely excited to learn about the subject of AIS and had great questions on the subject for us!

Another group of kids that we worked with during the summer was the work experience program from the high school. We had an average of three to four students that we come in during the week for an hour at a time to help us with projects. They seemed to enjoy the projects we gave them and a couple seemed very interested in the kind of work we were doing. It was neat to see how involved they became in our program.

Our team was invited out to participate in classroom outings out at CAVOC. We went there once to work with area 5th graders and another time to work with 3rd graders. Both groups were fun to be around and we feel like the kids learned something about AIS each day!



## Snail Study

We participated in collecting snails for a research program. The UW-Lacrosse is looking at parasites in both native and invasive snail species throughout the state of WI. During our summer, we would collect snails from the lakes that we had visited, preserve them, and bring them to the DNR office so they could be sent to the UW.

## Northwoods Expressions



We were included on a collaborative effort by the UW-Extension, Lumberjack RC&D, and Oneida County Land and Water Conservation Department to create a community outreach program. We held the event twice, once in Three Lakes and once in Rhinelander. It was an open mic set-up where participants were invited to share a story, poem, or music related to their experiences in the Northwoods.

## Purple Loosestrife

The main AIS that we worked with during this summer was Purple Loosestrife. We educated the public, GPS mapped it, raised/released beetles, hosted a workshop, and cut the flower heads in multiple locations.

The effort that Oneida County and our team is putting forth in the fight against this plant is very evident and is making a huge difference.

The workshop was held in the spring and we taught the participants how to properly raise and release beetles to use as a management effort. The beetles eat the plant and the more that we can get out into the stands of Purple Loosestrife, the more damage that they will cause.



We have a GPS location for every area of Purple Loosestrife in Oneida County that we are aware of. Every time any of us would be out in the field we would be watching for new areas, and we also checked out all the reports from citizens that we received. The GPS locations will be used to create a map of all known Purple Loosestrife. This map will be able to be used to track the stands, formulate management plans, and to share with the community.

In addition to releasing beetles, cutting the flowering heads of the plants is used as a management technique. Removing the flowers prevents the seeds from dispersing. Our team cut many stands, some up to three different times to prevent seeds from being spread. All in all we filled and disposed of well over



ing the flowers prevents the seeds from dispersing. Our team cut many stands, some up to three different times to prevent seeds from being spread. All in all we filled and disposed of well over

## Bait Shop Outreach

During the summer we made two visits to bait shops in Oneida County that hand out our educational material. We checked in with them and restocked the material before fishing season and later in the summer. When we visited the shops we also took the time to answer any questions they had.



### **Family Education**

Part of our educational efforts this summer was focused on family education. We attended a handful of events that were geared towards families; Rhinelander fair, Lake Katerine Fest, Lac Du Flambeau Lake Fest, Torpy Park Pig Roast, and Family Fishing Fun Day.

At family events we tried to have something for both the kids and adults. We accomplished this with live specimens. The kids loved looking at and touching something that they don't get to see every day and that was alive, while the adults appreciated learning about things they may never pay attention to. Some of the best things to talk about were invasive snails and the endangered mussels.



### **Adult Education**

Some of the educational outreach that we did this summer was focused on an adult crowd. These events being; the CLMN workshop, the Purple Loosestrife workshop, and our presentation at the Three Lakes Public Library, "Malicious But Delicious."

Oneida County residents are interested in learning about AIS and doing what they can to help. It was very well received by the community that we hosted educational events.

### **Lake Monitoring**

Many days this summer were spent monitoring different Oneida County lakes by canoe. When we monitor a lake we are looking for invasive species they are not already identified. Many of the lakes that we monitored this summer were not previously monitored.

The landing and area surrounding the landings are looked at closely, most of the time, we snorkeled the area and got a very close view! We also would slowly paddle around the entire shoreline of the lake, paying attention to all the different vegetation that we could find.



At many of the lakes we visited, we were able to collect snails for the snail study. Some of the snails that we collected were invasive snails and had not been previously identified in the particular lake. For those snails, we collected them and turned them into the DNR office to be verified and recorded for that lake.

Also, while we were visiting these lakes we paid attention to the signage that was at the landings. Many of the landings needed to have their signage updated, which we did.

Besides Chinese Mystery Snails and Banded Mystery Snails, there was not any new AIS found at any of the lakes that we monitored.



*We, the Oneida County Land and Water Conservation Department AIS Project Assistants, would like to thank you for a great summer! We enjoyed learning about, educating the public about, and managing for AIS!*



What's Inside?

Yellow Floating Heart  
(A danger in disguise) .....page 1

We Are Everywhere!  
(An overview of local events at our Northwoods lakes) .....page 2

Student Outreach Events .....page 3

Working with You to Keep Our Local Lakes Clean! .....page 4

Controlling Threats in Our Wetlands!  
(Purple loosestrife and yellow iris management plans) .....page 5

European Frog-Bit  
(Keeping aquatic threats out of Wisconsin waters) .....page 6

Flowering Rush  
(A restricted species in Wisconsin) .....page 6

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Lake Monitoring  
(What's on the agenda for the summer of 2014?) .....page 8

# Oneida County



## Aquatic Invasive Species Newsletter

### YELLOW FLOATING HEART

*(Nymphoides peltata)*

Don't be fooled by its heart-shaped leaves and bright yellow flowers. This aquatic plant may appear to be a harmless addition to our lakes and wetlands, but it is actually invasive! Yellow floating heart not only displaces native plants, but it also forms thick mats which restrict the oxygen supplies that fish need to survive. Dense yellow floating heart colonies also impede activities such as boating, fishing, and swimming.

Yellow floating heart is native to parts of Europe and Asia, but unfortunately, has been reported in areas of Wisconsin. One of its locations is in Gordon Lake in Forest County, less than 34 miles from the Oneida County border!

Yellow floating heart is commonly spread after being released from ponds and water gardens. Once released, it may pose threats to our natural wildlife. Be mindful about the plants you have in your possession, as many of our invasive species were introduced into Wisconsin after being purchased from stores.

Yellow floating heart may look pretty, but releasing it into nature is prohibited!



© Paul Skawinski



© Greg Bales

# WE ARE EVERYWHERE!



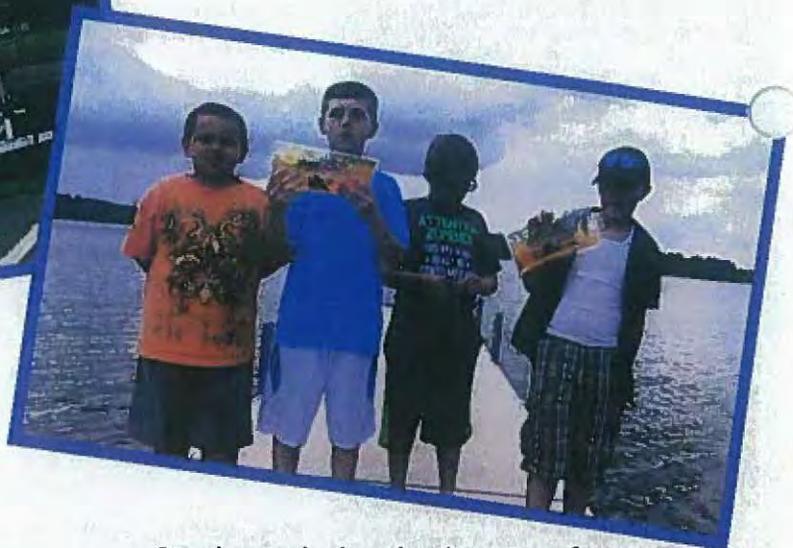
Our team helped train youth to inspect watercraft on Lake Thompson.



Everyone learned something at Family Fishing Fun Days in June, 2014!



Students from Mrs. Werner's 4th grade class learned about boat inspections, made video clips of their Aquatic Invasive Species (AIS) knowledge, and used AIS equipment while pontooning!



Students helped advertise for the Draining Campaign, which was held in June, 2014.



# STUDENT OUTREACH EVENTS

Each year, we strive to involve elementary and middle school students in our Aquatic Invasive Species awareness programs. Here are some highlights from 2014!



## ECOTREK

We informed nearly 70 seventh graders from the Minocqua School District about common Aquatic Invasive Species and passed around lots of specimen samples. The students enjoyed using an Aquascope along the shoreline of Tomahawk Lake.

## CAVOC DAYS

This year, we were lucky enough to teach over 200 third and fourth graders about Aquatic Invasive Species. Our rusty crayfish was a huge hit with the students. The kids were excited to help keep our local lakes clean for their swimming, fishing, and boating enjoyment!



## WORM WATCH

Fourth graders from Central School helped collect, identify, and count worms in areas of the Germaine Hemlock Natural Forest. They certainly were not afraid to dig in the dirt!



# WORKING WITH YOU TO KEEP OUR LOCAL LAKES CLEAN!

## Lake George Sweep:

The Oneida County AIS team helped train volunteers from Lake George to identify native and invasive aquatic plants.



## Hazelhurst AIS Fair:

We set up a booth at the fair to show locals which invasive species are affecting our Northwoods lakes. Our aquarium included Eurasian Water Milfoil, Zebra Mussels, Rusty Crayfish, and Chinese Mystery Snails, in addition to native mussels and snail species.



## Indian Lake Monitoring:

Volunteers from Indian Lake met with the Oneida County AIS team to learn about common lake monitoring procedures. We used a Secchi disk to measure water clarity, and we measured dissolved oxygen levels in the lake. We also walked along segments of the shoreline to search for AIS.



# CONTROLLING THREATS IN OUR WETLANDS!



## PURPLE LOOSESTRIFE PROJECT

The Oneida County AIS team was part of a statewide beetle release project to manage Purple Loosestrife colonies. These beetles were first collected on existing Purple Loosestrife plants, placed in a controlled environment to reproduce, and then released into established Purple Loosestrife stands. Once there, the beetles spread and continue eating the invasive species.



## YELLOW IRIS PROJECT

The Oneida County AIS Team, with assistance from Al Wirt, local DNR Service Center, removed invasive yellow iris plants from along the shoreline of Boom Lake at the Hodag Park boat landing.

# EUROPEAN FROG-BIT

(*Hydrocharis morsus-ranae*)

## WHAT IS IT?

European frog-bit is a free-floating aquatic herb with kidney-shaped leaves that have purple undersides. These aquatic plants have flowers consisting of three white petals with a yellow center.



## WHAT DOES IT DO?

European frog-bit grows at the edges of lakes, rivers, and streams, as well as in wetland areas and ditches. This species forms dense mats that will choke out native plants and restrict recreational activities on the water.



## IT IS PROHIBITED!

What does this mean?

European frog-bit has not yet been identified in the state of Wisconsin; however, it is in Minnesota. If this plant is introduced into Wisconsin, it has the potential to create noticeable changes in local ecosystems. According to Wisconsin law, **it is illegal to transport, possess, transfer or introduce this invasive species.**

## WHAT CAN WE DO?

No control methods, with the exception of hand-pulling, are currently known for European frog-bit, so it is important that we keep this invasive species out of Wisconsin!

# FLOWERING RUSH ~ A RESTRICTED SPECIES

(*Butomus umbellatus*)

Similar to European frog-bit, flowering rush forms dense colonies in wetlands and along shorelines. The plant can grow up to five feet in length, has a stem with a triangular cross-section, and has flowers with three white or light pink petals.

Flowering rush, an aquatic perennial, is already found in Oneida County. It has the potential to overpopulate aquatic regions, which will displace native wildlife.

Hand-pulling and chemical treatment are the only methods currently known to control the spread of flowering rush. **It is illegal to transport, transfer (buy or sell), or introduce flowering rush in the state of Wisconsin.**



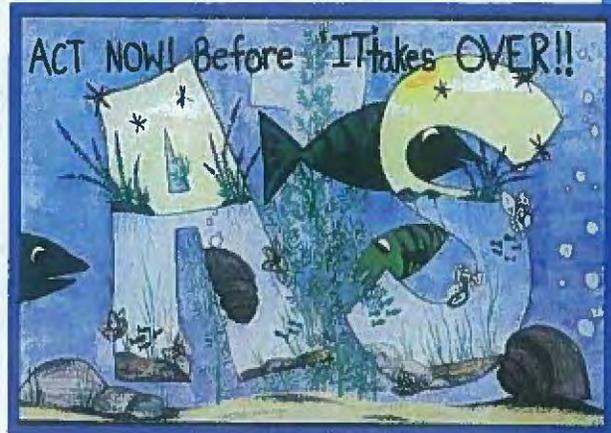
## FOR MORE INFORMATION:

Please visit the DNR's website at:  
[dnr.wi.gov/topic/invasives/fact/europeanfrogbit.html](http://dnr.wi.gov/topic/invasives/fact/europeanfrogbit.html) or  
[dnr.wi.gov/topic/invasives/fact/floweringrush.html](http://dnr.wi.gov/topic/invasives/fact/floweringrush.html)

# 2014 AQUATIC INVASIVE SPECIES AWARENESS POSTER CONTEST WINNERS



**4 -5th Grade 1st Place Winner**  
**Reagan Hartman**  
 Central Intermediate School, Rhinelander



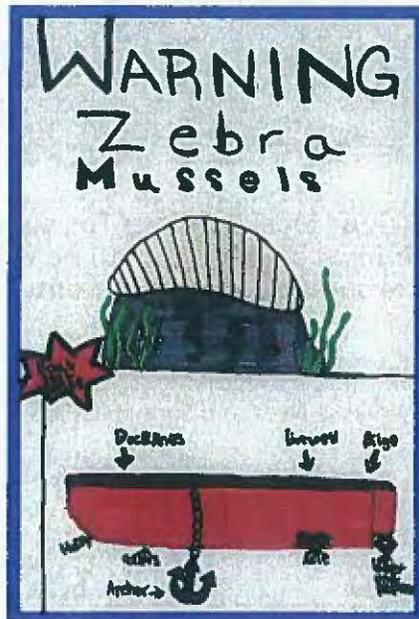
**6 -7th Grade 1st Place Winner**  
**Carleene Morien**  
 James Williams Middle School, Rhinelander

Congratulations to all the winners of the 2014 Aquatic Invasive Species Poster Contest!

Thank you to all the students, teachers, and parents who contributed from the Oneida County Land and Water Conservation Department.

**2nd Place Winners:**  
 Elise Tesch (4-5th Grade),  
 Emma Moore (6-7th Grade),  
 Alexis Swanson (8th Grade)

**3rd Place Winners:**  
 Jeanna Lindquist  
 (4-5th Grade),  
 Caitelyn Worth (6-7th Grade),  
 Isaac DeCarlo (8th Grade)



**8th Grade 1st Place Winner**  
**Alex Nellessen**  
 Hurley School District, Hurley

**Honorable Mentions:**  
 Alexis Batiste, Aiysha McKinney, Annika Johnson, Audrey Schiek, Emily Gregesich, Jaden Shaver, Kyle Morien, Kylee Hewitt, Lena Symonds, Mariah McCue, Mia Case, Mollee Gruszynski, Justin Orme, Hunter Fronck, Pyper Lee Evensen, Shyla Wickham, Sienna Webber, Aiyana Nickel, Karissa Recla, and Tori Anderson

# LAKE MONITORING

The Oneida County AIS team will monitor the following lakes this summer:

Alva  
Buckskin  
Buffalo  
Burrows  
Crescent  
Hasbrook  
Haskell

Hemlock  
Hodstradt  
Indian  
Long WBIC1001300  
McNaughton  
Mildred  
Muskellunge

Squirrel  
Sunday  
Swamsauger  
Sweeney  
Thompson  
Two Sisters  
Windpudding

We will perform a visual meander along the shoreline and throughout the lake, paying special attention to landings and any inlets and outlets on the lake. This will allow us to identify native vegetation and any AIS present in the waterbody. Additionally, we will take Secchi disk readings to determine water clarity, measure dissolved oxygen levels, and use GPS technology to map our locations.



Becoming aware of invasive species is easy...



...check your local landings for signs about which invasive species can be found in and around our Oneida County lakes!

Newsletter compiled by Alyssa Nycz and Sara Mills, AIS Project Assistants

**Contact Information:**  
Michele Sadauskas  
Oneida County AIS Coordinator  
Oneida County Courthouse  
1 South Oneida Street  
PO Box 400  
Rhinelander, WI 54501  
Phone: 715-369-7835  
Email: msadauskas@co.oneida.wi.us

Visit us online at:  
[oneidacountyais.com](http://oneidacountyais.com)  
or on our facebook page  
by searching Oneida County AIS.



**38. 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 (230 contacts in 2012), regional and school partners continue to grow (the AIS poster contest is now active in nine counties), and nearby county relationships continue to expand (ex. Price County is now a partner in fighting AIS due to youth educational outreach).

Additionally, LWCD continues to work with State partners on a number of projects, notably the 'Draining Campaign', '4<sup>th</sup> of July Landing Blitz' and 'CBCW Observational Study'. A working partnership has also developed with CESA (Cooperative Educational Service Agency) #9 to help educators around the state become more 'in tune' with AIS. 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 everyone-

It is certainly looking more like winter out there, isn't it? Here is a very cool picture, I just wish it was taken in the Northwoods! This was actually shot in Sweden, but who is to say we can't shoot a scene like this in Oneida County!



I have quite a few updates to pass along, so let's get started.

**New format.** In the past I have written text in the body of an email and have included links within that text. I have chosen not to send along pictures due to varying internet download speeds in the Northwoods. Starting with this update, I wish to try a different format for everyone out there. I will send a PDF attachment of my update. In this way I can include pictures, graphs, etc., and it should be viewable by everyone 😊 Please let me know how this works! If it isn't working or if I receive negative feedback on the formatting, I will revert back to my old-style updates.

**2013 WI Lakes Convention.** Information on the 2013 WI Lakes Convention is now on-line! Please visit here <http://www4.uwsp.edu/cnr/uwexlakes/conventions/default.asp> . This is a fantastic opportunity to network, learn, and share. Don't miss it!

**Mapped Invasive Species in Oneida County.** Hot off the presses is an interactive map of invasive species on all county roads in Oneida County! Here is the link that will get you started: <http://ocgis.co.oneida.wi.us/oneida/index.htm> . This survey was done during the 2012 summer season, and phase 2 (management plan) of the project will be completed in 2013. Please click on the 'free account login', click on the 'map layers' tab, then click on the blue plus sign next to 'natural systems', and finally click on the box next to 'terrestrial invasive species'. Now the only thing left to do is left click the place you want to visit on the map. Any questions, give me a call.

**Listening sessions on updating the list of regulated invasive species.** The DNR will be holding a number of listening sessions to obtain public feedback for revisions to NR40 (which lists regulated invasive species). There are a number of proposed changes to 'the list' including adding a number of new species. The public is invited to attend and give input into the process.

Go to: <http://dnr.wi.gov/news/Weekly/?id=366#art3> for more information. The listening session in Rhinelander will be on March 12, 4-6:30 p.m.

**Great Backyard Birdcount.** Not exactly AIS, but it is about conservation ☺ Take this link: <http://www.birdsource.org/gbbc> to participate. It is all for a good cause.

**Ice Angler Outreach updates.** I am working on updating our blog, [www.oneidacountyais.com](http://www.oneidacountyais.com), with the latest pictures and narratives for our ice angler AIS outreach project. Uploading pictures to the blog from work seems to be a slow, slow process. A narrative is already uploaded to the site, and I will be adding pictures tonight from home. Stay tuned! Did you know we had Whitefish in Oneida County? Check out the proof tonight! In the meantime, scroll down for Chris Hamerla's update for this past weekend.

Have a great week, enjoy our snow, lakes, and wildlife!



# 2013 Ice Fishing Outreach

## February 9<sup>th</sup> & 10<sup>th</sup> Daily Narratives

Chris Hamerla

2/9/13 Hamerla traveled to Boom Lake to attend the 37<sup>th</sup> Annual Lion's Fishing Fisheree to discuss AIS with anglers and encourage them to participate in the Oneida County Ice Fishing survey. The weather was sunny and no breeze with temperatures around 2° at 7 AM that rose to 23° by 1:00 PM. Winds started blowing about 10 AM.

According to Mike Romptl, the tournament typically draws 500 – 750 people though the Lion's Fisheree is allowed to take up to 999 registrations. The tournament was busy right away and Hamerla set up an AIS display inside the shelter at Hodag Park, where the food, raffles and fish registrations occurred. Watch cards and AIS ice fishing related materials were left for people to take. Hamerla also brought live specimens of Eurasian water milfoil in a plastic bottle for people to see. With the display set up Hamerla walked the lake and spoke to various groups of anglers. Forty-seven (47) surveys were completed. Over 150 people were contacted. (Typically two surveys per group are filled out since that is how many clipboards I carry while walking. Most groups average two to six people. Occasionally other members of a group wish to fill out a survey too.) The AIS display was left up overnight till the end of the second day. Fern pondweed and northern milfoil was observed near various ice holes.

The largest fish of the tournament included: 35.5" northern pike, 11.5" crappie, 9.5" perch, 23" walleye and 8.25" bluegill. Weird fish for the week goes to... dogfish. There were reports of at least three dogfish caught during the tournament.



2/10/13 Hamerla attended the Lion's Club Fisheree for a second day to discuss AIS with anglers and encourage them to participate in the Oneida County Ice Fishing survey. The weather was cloudy and foggy with a light breeze and 22° at 7 AM.

Hamerla refreshed the AIS display with more brochures, checked in with Mike Romptl, and headed out onto the lake. There were less anglers fishing which Hamerla had been informed was typical. At 11:30 AM the weather had warmed and it began to sprinkle. By 1 PM the rain was still falling

and people were beginning to pack up. Twenty-two (22) surveys were completed. Coontail, elodea, fern pondweed, northern milfoil, and aquatic moss were seen near ice holes.



Side note relating to the surveys: A particular question on the survey is generating interesting results. Roughly 50% of anglers surveyed marked they have never been approached by a Clean Boats Clean Waters person. Oneida Co. AIS Coordinator Sadauskas and Hamerla had discussed this and determined that Hamerla would ask follow up questions to help understand why this number was so high. Hamerla asked the anglers how they fished during the open water periods. Below are common answers that anglers gave.

- Fishing smaller, out of the way lakes.
- Fish early or late in the day.
- Mainly fish during the fall.
- Mainly fish the river.
- Live on the lake or fish from docks.
- Fish from canoes or kayaks.

Good afternoon everyone-

Many, many items to share today! Before we get into the realm of AIS, I wanted to update everyone about the incoming comet, Pan-STARRS.



***This is the first of two comets that will grace our night skies in 2013.*** Look for Pan-STARRS on March 12-13 when the sun sets in the western sky. Since this is the first time the comet has visited our solar system, scientists are curious to see what kind of show it will give us! It should be visible to the naked eye, and will certainly give us quite a sight with binoculars 😊

***NR40 listening sessions.*** Just a reminder about the upcoming NR 40 listening session in Rhinelander. Before you view the setting sun, moon, and comet, please attend this important event! The session begins at 4:30 p.m., March 12, at the Rhinelander DNR Service Center. NR40 regulates invasive species in Wisconsin and the DNR is planning on adding and/or subtracting various species to this list. Follow this link for more information: <http://dnr.wi.gov/news/Weekly/?id=366#art3> .

***Updated lake association contacts.*** To all lake groups out there....if you would take just a moment to update your contact information at this page: <http://www4.uwsp.edu/cnr/uwexplakes/lakelist/>. Please take a peak to see if your contact information is current, if not, please hit 'contact us' at the bottom of the page. When I recently helped the Vilas County News Review update a publication of theirs, there were *many* contacts that were outdated. Thank you!

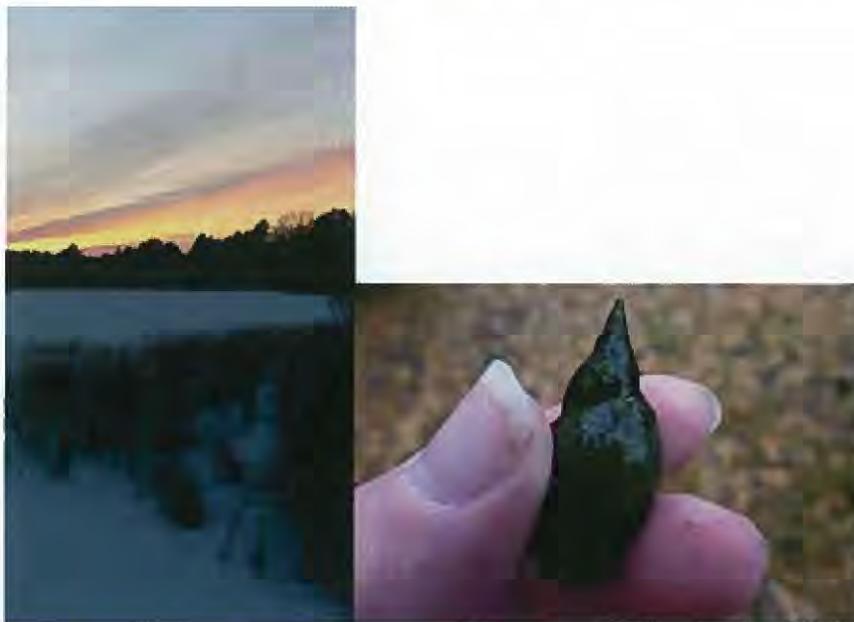
***Oneida County Lakes & Rivers Association (OCLRA).*** The new and improved OCLRA has hit the floor running! I have included the summary of their February 18, 2013 meeting. Not only do they dabble in AIS, but they also can be a resource for keeping everyone up-to-date on important water legislation, local issues, and just about any other water-related issue out there. Check them out!

**Odds & ends.** Here are a couple of links that I thought I would share. Sadly, Zebra Mussels have been discovered in Lake Winnibigoshish, MN. It is Minnesota's fourth largest lake and is connected to the Mississippi River and many other waterbodies. Therefore, MN DNR has designated many of these connected waterbodies infested with Zebra Mussels. Follow this link to read more:  
<http://news.dnr.state.mn.us/2013/01/31/zebra-mussel-veligers-discovered-in-lake-winnibigoshish/>.

Here is an interesting document on water withdrawals in Wisconsin. This document addresses both surface waters and groundwater sources. If you download the full report, you can find out much more!  
<http://dnr.wi.gov/topic/WaterUse/WithdrawalSummary.html>.

**Ice angler outreach.** We wrapped up our ice angler outreach project this past weekend. All told, my assistant Chris Hamerla, collected 375 surveys and talked with over 1000 anglers. It was a huge success! I have included his end-of-season report. Data analysis is still in process, so Appendix A is not available. Hope you all enjoy the report.

**Finally.** Keep scrolling down for Chris' report, two announcements in which the DNR needs help with eagle and bat monitoring, and the flier for the upcoming Wisconsin Lakes Convention! Lots of stuff going on 😊 If you have any questions, concerns, or suggestions....don't be shy. [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us)



*Little Clam Lake, Ashland County and Great Pond Snail (Lymnaea stagnalis), Mann Lake, Vilas County*

Good afternoon everyone!

Before we get into the meat and potatoes of this AIS update, I want to start out with a picture.



**Student Project.** These are our 'Work Experience' students from Rhinelander H.S. They visit us during school hours to help us out with AIS projects. Here we have our newly cleaned boat bumpers with brand new stickers. They are getting valuable on-the-job experience and we are getting fantastic help! A big shout out to Jason, Mindy, Anna, and Jenna (who isn't pictured). 😊

So, let's find out what else is happening in the world of AIS and the Oneida County Land & Water Conservation Department!

**New AIS team.** I now officially have three AIS assistants on board 😊 Please welcome Cara Wanserski, Nancy Sattler, and Therese Hubacher. Starting with this update, I will begin including their weekly updates. Due to the late spring, we have been devoting a lot of time to project development and working with students. We officially started performing Clean Boats Clean Waters two weekends ago, but things were a little slow to say the least! We are looking forward to a much busier weekend. We hope to perform inspections at Stacks Bay, Sand & Dam Lake, Willow Flowage, Rhinelander Flowage, Manson Lake, and the Rainbow Flowage this coming weekend.



-David York, 1<sup>st</sup> place, Central Intermediate

**Poster Contest.** On May 7, we judged over 150 student posters for our 2<sup>nd</sup> Annual Oneida County Area AIS Poster/Photo Contest. I will include a few of the fantastic entries that we received. It was amazing how well the students understood AIS and were able to share science literacy through their artwork! Great job!!



-Daniel Lundquist, 3<sup>rd</sup> place, MHLT

**How invasive species affect us.** How many of you have ever seen a blue-spotted salamander cross the road? This may sound like a joke, but instead it is a frightening reminder that many of our amphibians are struggling to survive. Studies now show that invasive Buckthorn is altering our forests and effecting amphibian populations. Check out this link to find out more!

[http://www.eurekalert.org/pub\\_releases/2013-05/lpz-nss050113.php](http://www.eurekalert.org/pub_releases/2013-05/lpz-nss050113.php)

**Awesome video.** I was sent this awesome video and wanted to share it with all of you. Many people may ask, 'this video doesn't highlight AIS'? But, in a way it does! When we battle AIS we are protecting our native plants and animals, protecting our beaches, and protecting the lakes, rivers, and wetlands that we love. If you love to see this...

<http://www.youtube.com/watch?v=7HRVgiuTuhU&noredirect=1>, just remember we need to do the best we can in preventing the spread of AIS ☺ Let's battle on!

**Facebook.** We need more likes on our Facebook page! We have our page up and running and will be keeping everyone updated with lots of goodies. We will list upcoming workshops, pictures and video from local landings and projects, and lots of other goodies. My assistant Cara has been doing a wonderful job in keeping the page updated. Please drop by our site and say hi. Go here to check us out:

<https://www.facebook.com/pages/Oneida-County-AIS/591216774222010?ref=hl>

### ***Odds and Ends.***

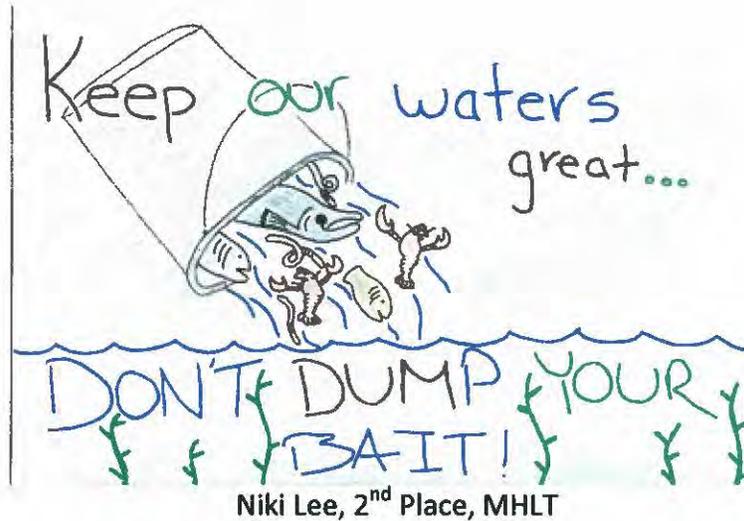
**CBCW workshop, tomorrow**, May 21<sup>st</sup>, 9am-12pm, Minocqua Community Center, Boardroom. This will be our *last formal* Clean Boats workshop for this summer. If you are interested in this workshop, please register by email [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us). If any lake group is in need of a refresher course and cannot make this workshop, please contact me.



*This was a scene from CAVOC (Cedric A. Vig Outdoor Classroom, Rhinelander School District) during our Earth Day Event. Over 85 students attended and learned how we are all connected to the wildlife, water, and woods that we live in, on, and around.*

When I first started in the position of Oneida County AIS Coordinator in May 2011, it was a goal of mine to increase student awareness and participation in AIS-related events. I am ecstatic to report that between April 24 and May 29, the Oneida County AIS team will have interacted with over 250 students and participated in six youth AIS/Water events! Many thanks go out to Theresa Werner, Judy Hunter, Cheryl Esslinger, Cathy Gelinis, Kim Swisher, Marcie Spears, Aaron Panke, and Shelley Lehman. These teachers and school administrators have made a fantastic impression on me *and* their students! Our team couldn't do what we do without the fantastic support we receive from our area schools.

***Up and coming.*** **Family Fishing Fun Days**, Saturday June 8th, 9am-1pm. Come visit your AIS Team in a great Rhinelander event! We plan on having fish tanks with native and non-native species, 'The Button Maker' (a huge hit last year!), giveaways, and more! Please see the attached flier for more information.



**Draining Campaign**, Saturday & Sunday, June 15-16. Each year the DNR has provided our program and local lake associations AIS towels to distribute during the July 4<sup>th</sup> weekend. **New this year...**we have AIS-messaged ice packs to distribute during the weekend of June 15-16! The ice packs are *awesome* and remind fishermen "Before leaving the water, drain livewells and buckets containing your catch". If your group plans on performing inspections on the weekend of June 15-16 and wish to participate in this campaign...please contact me. I will develop a list of lake groups that are interested and send out more detailed information asap.

Have a great week everyone!

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

In 2012, LWCD's AIS program made their 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 (92 people following). Throughout 2013, 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.

Onesida County, Wisconsin | Onesida County AIS | Take a screen capture

https://www.facebook.com/onesidacountyais/feed/

Onesida County AIS

Page Activity Insights Settings Build Audience Help



Onesida County AIS  
Original photo · 100%

Timeline About Photos Likes More

92 likes

Reach a near milestone  
100 Likes

Invite your friends to like Onesida County AIS

Katy Ann Sloan · Like

Glen Messer · Like

See All Friends

What have you been up to?

Onesida County AIS  
Posted by Stephanie Rosemead · 10 · December 8 · at

The Onesida County AIS Team wishes you a holiday season full of joy laughter and special memories



HAPPY HOLIDAYS

THIS WEEK

- 0 Page Likes
- 2 Post Reach
- UNREAD
- 0 Mobile Status
- 0 Messages

Recent

- 2014
- 2013
- Started

See Your Ad Here

Onesida County AIS  
Onesida County Aquatic Invasive Species AIS Program with the Lead & Water Cooperation

Like Page · 10 people like this page

Include Page

facebook.com/onesidacountyais/?inner\_content=4400738883767... · System

Onesida County, Wisconsin | Onesida County AIS | Take a screen capture

https://www.facebook.com/onesidacountyais/feed/

Onesida County AIS

Page Activity Insights Settings Build Audience Help



News Flash  
Spiny Water Fleas recently discovered in Trout Lake (Vilas County) and Butternut Lake (Forest County)  
To learn more about these mysterious crustaceans and how you can help prevent further spread, click on the link below  
<http://www.onesidacountyais.com/spiny-water-flea.html>



Spiny Water Flea  
[www.onesidacountyais.com](http://www.onesidacountyais.com)  
Onesida County AIS

177 people reached

Like Comment Share

Onesida County AIS shared a link  
Posted by Stephanie Rosemead · 11 · October 2 · Edited at

Curious about What's Lurkin' in Your Lake or Doin' the Bloomin' Along Your Shoreline?

Click on this link to find out.  
<http://www.onesidacountyais.com/onesida-county-lakes-with-aq-updated-10-01-14.html>

THIS WEEK

- 0 Page Likes
- 2 Post Reach
- UNREAD
- 0 Mobile Status
- 0 Messages

Recent

- 2014
- 2013
- Started

See Your Ad Here

Onesida County AIS  
Onesida County Aquatic Invasive Species AIS Program with the Lead & Water Cooperation

Like Page · 10 people like this page

Include Page

Onesida County Lakes with AIS updated 10-01-14

# Spiny Water Fleas

## They Are Nasty Prey and Predators!

### Lookout Anglers!

Spiny water fleas impact fishing!

The spiny water flea is a small aggressive aquatic invasive species that can be transported in fishing gear.

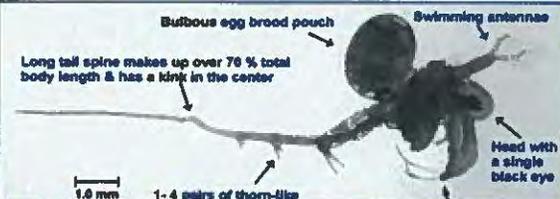
- Their long tail spines have one to three pairs of sharp barbs that "hook" onto fishing lines, downriggers, nets, and anchor ropes.
- Once they become hooked on the line, they accumulate into large clumps which clog the first spool of fishing rods, damage a reel's drag system, and prevent fish from being landed.



*Sampled on fishing line*

- Their sharp barbed tail gets stuck in the gills of small fish, causing the fish to choke.
- The tails can puncture the gills of fish.
- They feed on the same native zooplankton that many small fish rely on for food.
- Small fish have problems getting a meal that is free of spiny water fleas.
- Punch are not growing and some young can't survive because of the lack of food.
- They do not have many predators.

### Spiny Water Fleas Are Interesting Looking Crustaceans

## Aquatic Invasive Species: Whats Lurkin' In Your Lake and Doin' the Bloomin' on Your Shoreline

ONEIDA COUNTY LAKES WITH AIS

Updated October 2014

WBC	Waterbody Name	Species	
1	9674000	Onondaga Lake	Chesapeake Mystery Snail
2	1327000	Bear Lake	Chesapeake Mystery Snail
3	1522500	Blackstone Crater	Rusty Crayfish
4	1874000	Blackstone Crater	Chesapeake Mystery Snail, Rusty Crayfish

Species: Chesapeake Mystery Snail, Rusty Crayfish, Blackstone Crater, Blackstone Crater

Onida County Wisconsin | Onida County AIS | Take a screen capture | Onida County AIS - Mrs X

www.onidacountywis.com



Onida County is located in Northern Wisconsin. Our county has over 1100+ lakes and rivers and our water resources are a large part of our lifestyle. For this reason an aquatic invasive species (AIS) program was developed in 2007 to protect our waterways from the threat of AIS. Our AIS team is part of the Onida County Land & Water Conservation Dept. and consists of an AIS Coordinator (Michele Sadauskas) and three part-time project assistants. Our program focuses on educational outreach, technical assistance, and AIS management.

### Meet the Team

**Michele Sadauskas- Onida County Aquatic Invasive Species Coordinator**



Michele Sadauskas is the Aquatic Invasive Species Coordinator for Onida County, Wisconsin. Onida County has over 68,000 acres of lakes and rivers, and has one of the highest concentrations of natural lakes in the world. Since joining the Onida County Land & Water Conservation Department in 2011, Michele has increased summer personnel, restoring hours, and youth education for Onida County. Michele especially enjoys developing projects that incorporate regional partners, unique methods, and students. Sadauskas grew up on Pioneer Creek in Conover, WI and has a passionate relationship with the water resources of the Northwoods. She graduated from UW Stevens Point with majors in Forest management and Biology, focusing her studies on plant ecology. Michele enjoys traveling, hiking, photography, and is an advocate for all birds. She is the proud owner of two rescue pit bull mixes named Traps and Pugs.

**Stephanie Bolsmanus- Project Assistant**



As a resident of Squash Lake since 1993, Stephanie Bolsmanus has embraced protecting the lake's ecosystem through her role as Squash Lake Association's Volunteer Aquatic Invasive Species Coordinator and Eurasian water mitsui Hand-harvesting Project Coordinator. Stephanie serves as a board member of Squash Lake Association and Onida County Lakes and Rivers Association. She is a member of the Crescent Town Lakes Committee and serves on several Squash Lake Association committees and volunteers for C&W and Citizens Lake Monitoring Network. Stephanie's passion for protecting water resources is influenced by a lifetime of camping, swimming, fishing, exploring wild places, canoeing in Wisconsin and Ontario, and enjoying Lake Superior.

8:44 AM 1/27/2014

Onida County Wisconsin | Onida County AIS | Take a screen capture | Lake Monitoring Report

www.onidacountywis.com/lake-monitoring-reports.html



### Lake Monitoring

We are hard at work every summer monitoring some lakes that we have chosen. We measure the water clarity using a Secchi disk. We also measure the amount of dissolved oxygen in the water. Finally, we establish three different locations on the lake for 100 feet to look for any indication of invasive species being in the lake. Summaries of the lakes we have monitored will be posted below.

- [attampul\\_monitoring\\_report.pdf](#)  
Download File
- [buffalo\\_lake.pdf](#)  
Download File
- [burrows\\_lake.pdf](#)  
Download File
- [cranney\\_lake.pdf](#)  
Download File
- [hadruck\\_lake\\_monitoring.pdf](#)  
Download File
- [hadruck\\_lake.pdf](#)  
Download File
- [hadruck\\_lake\\_monitoring\\_summary.pdf](#)  
Download File




8:45 AM 1/27/2014

**3E. Host an awards ceremony and partnership meeting. (\$700.00)**

On August 22, 2013, 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 7 individuals were honored for protecting Oneida County's lakes and rivers. Over 40 people attended the 3 ½ hour event.

Speakers for the evening included Tom Rudolph (Chairman, CUW Committee), Sandy Wickman (WDNR), Theresa Werner (Rhinelander School District), and Tina Van Zile (Sokaogon Chippewa Community). Award winners, donation lists, agenda, and a facsimile of the award certificates are included.

**Expenses:**

Facilities expense (includes food, room, supplies, etc.)	\$746.46
Additional supplies	\$ 18.32
	\$ 6.38

# Oneida County Awards Ceremony

## Lake Groups & CBCW/CLMN Volunteers

Thursday, August 22, 5:00 p.m.  
Holiday Acres Resort on Lake Thompson  
4060 So. Shore Dr.  
Rhinelander, WI 54501

5:00-5:45	<b>Registration/Social Hour</b>
5:45-5:55	<b>Welcome- Michele Sadauskas</b> AIS Coordinator Oneida County
5:55-6:50	<b>Dinner</b>
6:50-7:00	<b>Presenter- Tom Rudolph</b> Chairman Conservation/UW-EX Education Committee
7:00-7:10	<b>Awards Presentation</b>
7:10-7:30	<b>Presenter- Theresa Werner</b> 4th and 5th Grade Teacher Central Intermediate School
7:30-7:40	<b>Awards Presentation</b>
7:40-8:10	<b>Presenter- Tina Van Zile</b> Environmental Director Sokaogon Chippewa Community <i>-Topic: Wild Rice &amp; Invasive Species</i>
8:10-8:20	<b>Awards Presentation</b>
8:20-8:40	<b>Presenter- Sandy Wickman</b> Water Resource Management Specialist WI Dept. of Natural Resources
8:40-9:00	<b>Closing/Prizes- Oneida Co. AIS Team</b>

# *Certificate of Recognition*

*This is to certify that*

*Theresa Werner of Rhinelanders*

*Has been recognized by Oneida County for Outstanding Lake Stewardship,  
and for her dedication to teaching the children in the Rhinelanders School  
District about Natural Resource stewardship and preservation.*

*This 22nd day of August, 2013*

*and*

---

Michele Sadauskas  
Oneida County  
Aquatic Invasive Species Coordinator

---

Jean Hansen  
Oneida County  
Conservationist



AIS Banquet Donations 2013

Sponsor	Item Value	
Rollie and Helens	Hat	
Rollie and Helens	mug	
Three Lakes Winery	6 bottles of wine	
A Step Up (Amy Jones)	3 Gift baskets (\$10 each)	
S&S Baits (Ed Simon)	4 baits (\$50.00 retail)	
Hodag Farmers Market	\$20 gift certificate	
Lick a Dee Spliz	\$10 gift certificate(2 five dollar)	
Minocqua Brewing Company	\$20 gift certificate	
The Bait Shop	\$10 gift certificate	Donated 2012

total: 36

Speakers -  
Tiwa Van Zile

7 Awards

nominees

Theresa Werner - Therese

TLWA

Crescent Lake -

Joel Knutson

Bob Borek → find out more/bio from Norris + Bob 99en

Fred Felix -

Ed Wiese - Therese

~~Theresa~~ Therese → Ed Wiese, Theresa Werner  
for their dedication in... → for a certificate

check  
notes

TLWA A steadfast partner in the battle of AIS,  
Three Lakes Waterfront Association has been a  
leader in educational outreach, management  
of, and research in aquatic invasive species.

and a pleasure and joy to work side by side  
with! Thank you for watching over the  
North Eastern part of Oneida County and  
thereby protecting ALL of Oneida County.

check  
proper  
name

Fred Felix - Fred has been a constant  
figurehead in the ~~Hazlet~~ <sup>Hazlet</sup> Unified Lake  
Group. ~~In fact he has been~~ <sup>interestingly</sup> In fact, I  
truly didn't know his proper title within the  
group, but I did know he was a formidable  
~~planner~~ and protection force to be reckoned with  
there were many ~~these faces~~ <sup>conversations</sup> ~~communications~~  
where we planned events, talked about outreach

**3F. Student poster/photo contest. (\$545.00)**

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 2013, over 80 students participated in the *'Oneida County & Surrounding Areas AIS Photo and Poster Contest'*. Students in 2<sup>nd</sup> through 12<sup>th</sup> grades could enter either photo or poster entries. 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 the Oneida County AIS Team bring a celebration to their classroom (this might have included ice cream, cookies, or other treats) and the winning schools also received a 'lakes book' donated on behalf of the winning classroom.

Poster contest brochure, examples of winning entries, media release, examples of books awarded, and a list of winners are included.

Expenses:

Book awards	\$91.88
	\$80.00
Awards (medals & ribbons)	\$44.40
Supplies	\$30.36
	\$ 7.37

Why participate?

Contest information

Teacher's notes

Entry Form

# Oneida County & Surrounding Areas

## Aquatic Invasive Species (AIS)

### Photo & Poster Contest

2013

Theme:

*"Re"-Move It or Lose It*



**STOP AQUATIC  
HITCHHIKERS!**

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



# Why Participate?

## Welcome Administrators, Teachers, Parents, and Students

The Oneida County Land & Water Conservation Department (LWCD) and Lumberjack RC&D would like to invite you to participate in the 2nd Annual *Oneida County Area Aquatic Invasive Species (AIS) Photo and Poster Contest*. Area students in second through twelfth grade are eligible to participate. The primary goal of this contest is to educate students about aquatic invasive species (AIS).

**FACT:** Squash Lake property owners spend \$15,000 for scuba divers to hand harvest Eurasian water-milfoil each summer.

**FACT:** Langlade County has 843 lakes and 225 streams and rivers to protect from AIS!

**FACT:** AIS negatively affects fishing, boating, hunting, bird watching, beaches, and many other things we love.

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 certificates 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 Oneida County area in the summer of 2013.

We hope you will join us in fighting AIS!



---

# Contest Information

## Eligibility:

The 2013 contest is open to students in public, private, and home schools within Oneida County and the surrounding area.

## Divisions:

### Poster

Elementary, grades 2-3

Middle, grades 4-6

Junior, grades 7-9

Senior, grades 10-12

### Photography

Junior, and any other grade

Senior, grades 9-12

## Deadline:

All entries **must be** received by **May 3, 2013**. Please see back page for a complete listing of drop-off locations. 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) 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 6-7. Judge's decisions are final. Winners will be notified May 8-10. Winning posters and photos become the property of LWCD. Non-winning entries may be picked up after May 13, 2013.



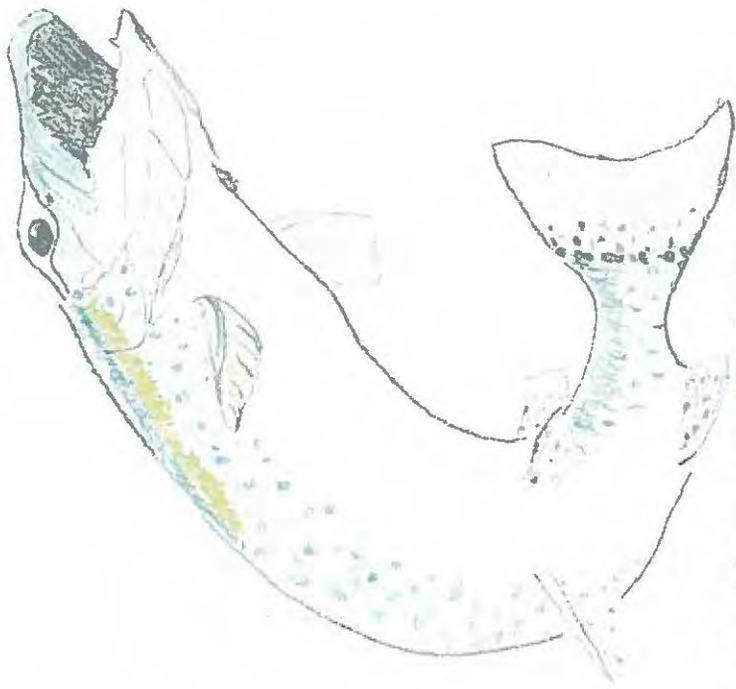




**Make**  
**Sure You Stop**  
**and Pick it off!**

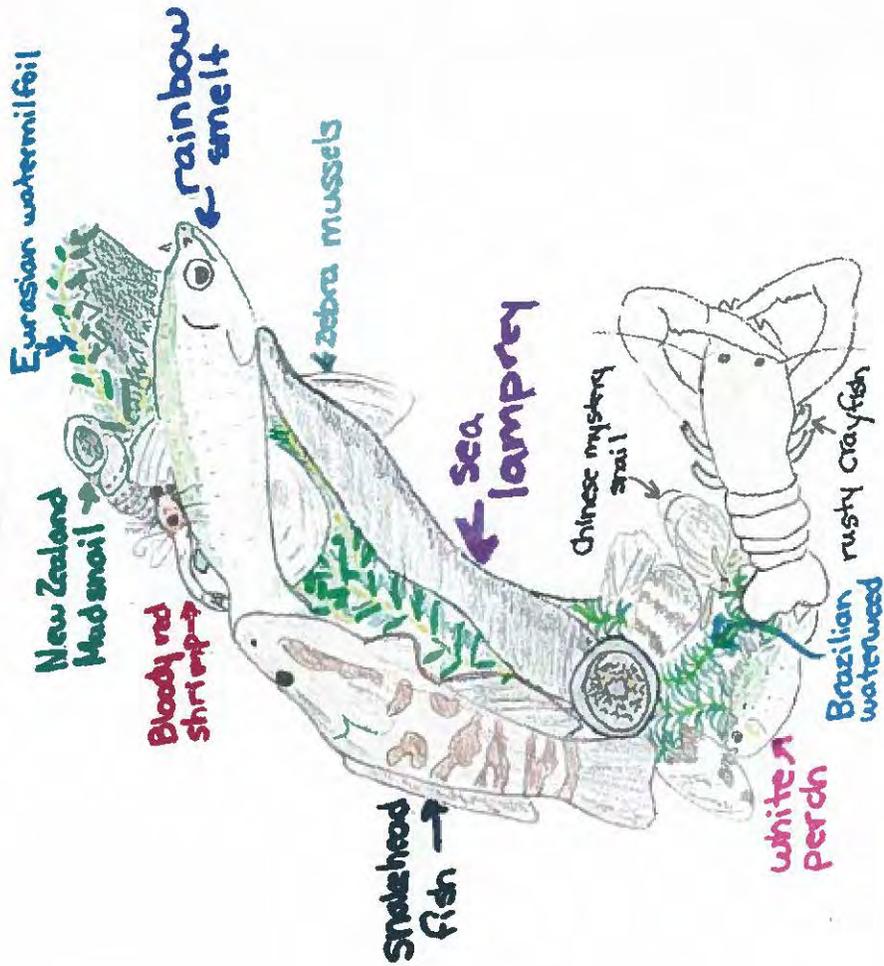
1st place 4-6<sup>th</sup> grades

Don't let this...



native muskellunge  
(muskie)

Become this.



Keep Out Aquatic Invasive Species!

1st place 7-9th grades



**University of Wisconsin-Extension  
Land & Water Conservation Department**



**Oneida County Office  
3375 Airport Road #10 • Rhinelander WI • 54501  
715-365-2750 • 715-365-2760 (fax)**

March 26, 2013

**NEWS RELEASE**

**TO:** Local Area Media  
**FROM:** Michele Sadauskas  
Oneida County AIS Coordinator  
715-365-2750

**2<sup>nd</sup> Annual AIS Poster/Photo Contest**

The Oneida County Land & Water Dept., UW-Extension, Lumberjack Resource Conservation & Development Council, and the Langlade County Land Conservation Dept., wish to invite students to participate in the *2nd Annual Oneida County & Surrounding Areas Aquatic Invasive Species (AIS) Photo/Poster Contest*. Area students in second through twelfth grades are eligible to participate and a total of 6 divisions will have prizes available.

Medals will be awarded for 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> places, and honorable mention certificates will also be presented. Each 1<sup>st</sup> place winner's class and school will become winners too! Additionally, winning entries will become part of a traveling art exhibit and an AIS poster calendar will be designed for distribution throughout the Oneida County area.

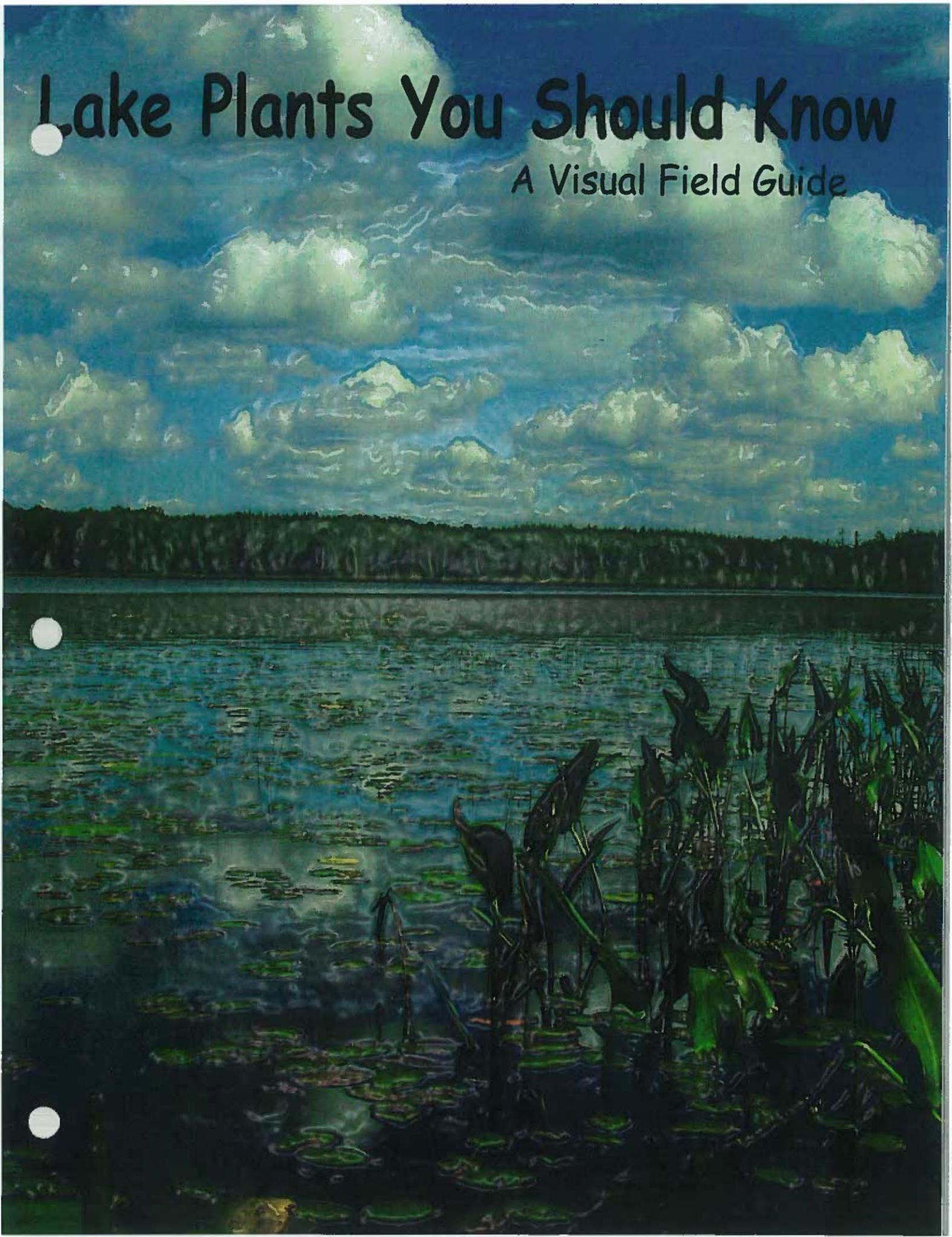
All entries **must be** received by **4:00 PM, May 3, 2013** and can be dropped off at the following locations: UW-Extension Office (lower level of airport), Rhinelander District Library, Minocqua Public Library, Demmer Memorial Library in Three Lakes, Antigo Public Library, and the Langlade County Land Conservation Dept. in Antigo.

For more information please visit [www.oneidacountyvais.com](http://www.oneidacountyvais.com), or contact Michele Sadauskas, [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us), 715-365-2750, or John Preuss, [johnpreuss@frontier.com](mailto:johnpreuss@frontier.com), 715-369-9886.

*UW-Extension provides equal opportunities in employment and programming including Title IX and ADA requirements. Please advise us 24 hours in advance of program if you have a disability and desire special accommodations to attend. Requests will be kept confidential.*

# Lake Plants You Should Know

A Visual Field Guide



FIELD GUIDE TO  
WISCONSIN

# STREAMS

PLANTS, FISHES, INVERTEBRATES, AMPHIBIANS, AND REPTILES



MICHAEL A. MILLER  
KATIE SONGER  
RON DOLEN

**Michele Sadauskas**

---

**From:** "Cara Wanserski" <cwanserski@co.oneida.wi.us>  
**To:** <kguckenbergl@elchoschool.org>; <huntejud@rhinelanders.k12.wi.us>; <dhunter@mhlt.org>; <cgelinas@mhlt.org>; <santyjoa@rhinelander.k12.wi.us>; <wemethe@rhinelander.k12.wi.us>  
**Cc:** "Michele Sadauskas" <msadauskas@co.oneida.wi.us>; "Nancy Sattler" <nsattler@co.oneida.wi.us>; "Therese Hubacher" <thubacher@co.oneida.wi.us>; <johnpreuss@frontier.com>  
**Sent:** Wednesday, May 08, 2013 3:15 PM  
**Subject:** 2013 AIS Poster Contest Winners

Good afternoon!

First and foremost we would like to give everyone a big "Thank You" for helping us make our 2013 AIS Poster Contest a huge success! We were blown away by the amount of submissions we received and talent and creativity of your students.

We received submissions for three categories; 4th-6th grade, 7th-9th grade, and photo posters. The top three in each will be receiving a medal and each 1st place winner will also be rewarded with treats for their classroom!! We also have ribbons for the honorable mentions.

If your student is one of our winners, please contact us so we can arrange to get their prizes to them.

Now for the good part..here are our winners!!

#### 4th- 6th Grades

1st Place Winner- David York (Judy Hunter)  
 2nd Place Winner- Hannah Hoffhein (Judy Hunter)  
 3rd Place Winner- Vincent Strong (Debra Hunter)

#### Honorable Mentions-

- Cassie Choinski (Mrs. Santy)
- Gwen Swierczynski (Mrs. Santy)
- Carissa Belland (Kathy Guckenbergl)
- Natasha Lewer (Kathy Guckenbergl)
- Alexa Admas (Theresa Werner)

#### 7th-9th Grades

1st Place Winner- Maggie Laurence (Cathy Gelinass)  
 2nd Place Winner- Niki Lee (Cathy Gelinass)  
 3rd Place Winner- Daniel Lundquist (Cathy Gelinass)

#### Honorable Mentions-

- Max Ertl (Cathy Gelinass)
- Kelsee Blaska (Cathy Gelinass)
- Adrienne Scheeler
- Mallory Ellis (Cathy Gelinass)

**3G. Print and distribute an aquatic native plant awareness brochure. (\$75.00)**

For 2013, LWCD wished to create and distribute a brochure that would focus on native aquatic plant identification, define roles that aquatic plants take in a lake ecosystem, and how they can help slow and protect our lakes from AIS. After much deliberation, it was decided the brochure would focus on native aquatic plant identification and give the primary roles of each species. LWCD focused on native species that could be readily found in Oneida County lakes. Additionally, invasive species such as Curly-leaf Pondweed and Eurasian water-milfoil were included to help readers identify these invasive species.

Copies of the brochure were distributed at lake fairs, presentations, and other public events.

Printing and paper costs were incurred (see appendix G).



**NATIVE AQUATIC  
PLANTS  
of the  
NORTHWOODS**  
*Oneida & Vilas Counties*

latest  
12-21-12

In the world beneath the waves, plants unequipped to withstand the force of gravity are buoyed up in a delicate splendor. This underwater forest is a place where dream and reality move side by side.

As on land, creatures exist at all levels in these aquatic groves. Small fishes soar like birds around the plants. Larger predators lurk in their shadows. Insects, snails, bryozoans, sponges and other curious creatures live out their secret lives in the nooks and crannies of this muted forest.

With this brochure, we hope to provide you with a small sample of the many varieties in the world of aquatic plants. Perhaps it will help you to understand a small part of the world that is hidden and allow you to experience some of the wonders beneath the waves.

*Excerpted from: Through the Looking Glass, R. Korth  
UW-Stevens Point, Lake Management Specialist*

**ONEIDA COUNTY LAND AND WATER CONSERVATION  
AIS PROGRAM**

**MICHELE SADAUSKAS, AIS COORDINATOR**  
3375 Airport Road #10, Rhinelander WI 54501  
msadauskas@co.oneida.wi.us



**Brown Fruited Rush – *Juncus pelocarpus submersus*.**

(JUNK-us pel-o-CARP-us) This plant is the submerged form of brown fruited rush. It has tufts of tapered green leaves connected by fine horizontal stems. The outer leaves are cupped around the inner ones at their base. The submerged form does not produce flowers and spreads by rhizomes. This plant can form a spreading turf in shallow water and is valuable for fish spawning and invertebrate habitat.

**Curly-leaf Pondweed – *Potamogeton crispus*.**

(POT-a-mo-JEE-ton CRISP-us) The slightly flattened stems of this plant grow out of a slender rhizome. It is a submerged plant, but spaghetti-like stems often reach the surface by mid June. Margins of the leaves are wavy and finely serrated, creating an overall leaf texture that is “crispy”. This plant provides habitat for fish and invertebrates in the winter and spring when other plants are reduced to rhizomes and winter buds. However, mid-summer die-off releases nutrients into the water that can trigger algal blooms and create turbid water conditions.

**\*\*INVASIVE\*\***



**Clasping-leaf Pondweed – *Potamogeton richardsonii*.**

(POT-a-mo-JEE-ton RICH-ard-SON-ee-i) This plant has sinuous stems that emerge from a spreading rhizome. Oval to somewhat lance-shaped leaves clasp the stem. Fruiting stalks develop in the upper leaf axils. Each olive-green fruit is plump and round with a prominent beak. The fruit can be a locally important food source for a variety of ducks and geese. Leaves and stems can also offer cover for fish.

**Common Bladderwort – *Utricularia vulgaris*.**

(u-TRICK-u-LAIR-ee-a vul-GAR-es) This plant has floating stems that reach 2 to 3 meters in length. Scattered on the branches are the bladders that trap prey. Young bladders are transparent and tinted green but become dark brown to black as they age. Yellow, two-lipped flowers are produced on stalks that protrude above the water surface. This plant provides cover and food for fish.



**Common Waterweed – *Elodea canadensis*.**

(el-oh-DEE-a can-a-DEN-sis) This plant has slender stems that emerge from a shallow rootstalk. Leaves are in whorls of three and tend to be more crowded toward tips. Male and female flowers are on separate plants. Although you may see dozens of tiny white flowers floating above a bed of common waterweed, these are usually all female flowers that will not produce seed. This plant is valuable for shelter and grazing for fish and food for muskrats and waterfowl.



**Coontail – *Ceratophyllum demersum*.**

(cer-at-oh-FILL-um de-MER-sum) This plant has long, trailing stems that lack true roots; but, the plant may be loosely anchored to the sediment by pale modified leaves. Leaves are stiff and each is forked once or twice. Flowers are tiny and hidden in the axils of leaves. The leaves offer prime habitat for a host of critters, during the winter when other plants are reduced to roots. This plant provides shelter and foraging opportunities for fish.

**Eurasian Water-milfoil – *Myriophyllum spicatum*.**

(MIR-ee-o-FILL-um spi-KAY-tum)

**\*\*INVASIVE\*\***



This plant has long, spaghetti-like stems that emerge from roots and rhizomes. Spikes stick out of the water with whorls of flowers in the axils of short bracts. It has limited value; waterfowl graze on fruit and foliage. This exotic species was introduced to the US from Europe and Asia, has fast-growing shoots and extensive canopy formation that can obstruct recreation and navigation. It crowds and shades native plants, giving it a competitive advantage.

**Great St. John's Wort – *Hypericum pyrimidatum*.** An ancient Greek name derived from hyper, "above," and eikon, "picture," from old practice of placing flowers above an image in the house to ward off evil spirits at the midsummer festival of Walpurgisnacht. This festival later became the feast of St. John. The plant is a pyramidal, robust, erect perennial, 2-5 feet tall. Flowers are yellow, 5-parted, 1½ to 2 inches wide, long-stalked; usually solitary from the ends of the branches. It blooms in July and August and likes a moist habitat in the woods, forests, openings and stream banks.



**Golden Alexanders - *Zizia aurea*.** This plant is one of those natives that every garden should have. It is fairly easy to grow and, although short-lived, will self-seed and persist in many sun/soil situations. It is an important plant to a number of short-tongued insects that are able to easily reach the nectar in the small yellow flowers. Black Swallowtail caterpillars will feed on its leaves. It has a long bloom time, giving an area some well-deserved early color for several weeks in late spring to early summer when other plants have not yet flowered. It will tolerate a lot of shade but prefers full sun or light shade.



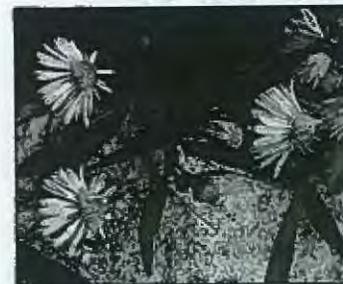
**Grass-leaved Goldenrod – *Euthamia graminifolia*.** This native perennial is 2-3½ feet tall. It can be slender and branched, or bushy in appearance. Slender stems usually have lines of fine white hairs. There are clusters of small composite flowers at the apex of the plant and many of the upper side stems. These flower clusters are usually rather flat-headed. Each composite flower is yellow, consisting of about 21-35 disk florets and ray florets (when considered together). These compound flowers often bloom gradually, rather than simultaneously, with older flowers turning brown while younger flowers are still in the bud stage. It blooms late summer to early fall, and lasts about one month.

**Joe-pye Weed – *Eupatorium maculatum*.** A coarse, clumping perennial with a whorled leaf arrangement bearing three to six lanceolate leaves at each node. In nature, they will reach four to six feet in height by about three feet wide. Grown outdoors, they are a very showy, tall border plant and they bloom late July to early September. The plants are adorned with light purple flowers in terminal corymbs. Individual corymbs may reach up to 8 inches across. The flowers are lightly scented and they are very showy when planted in mass plantings. This plant likes full sun to partial shade in a moist, rich soil mix.



**Marsh Milkweed - *Asclepias incarnate*.** Marsh milkweed prefers moisture retentive to damp soils in full sun to partial shade and typically, is found growing wild near the edges of ponds, lakes, streams, and low areas. It is one of the best attractors of the Monarch butterfly, which feeds on the flowers and lays her eggs on the plants. Blooming of deep pink to red flowers occurs in mid- to late-summer and after blooming; long, relatively thin, rounded pods are produced that grow uprightly. The pods split open in late summer to late fall, releasing seeds that are attached to silky hairs, which act as parachutes that carry the seeds on the currents of the wind.

**Panicled Aster – *Aster lanceolatus*.** This native perennial is 1 to 3½ feet tall, branching occasionally. The height is variable, depending on the moisture regime and levels of disturbance. The central stem is grooved, green on new growth, but eventually becomes brown and woody in appearance. Hairless, alternate leaves are up to 5 inches long, 1¼ inch across, becoming shorter and more narrow as they ascend the stems. They have margins that are smooth or slightly serrate, and are sessile or narrow into a petiole-like base. Sometimes the foliage becomes purple during the fall in response to cold weather.



**4A. Monitoring for invasive species (\$1925.00)**

Each year, the Oneida County AIS team has increased monitoring efforts to not only include landings and launches, but also on-water and wetland monitoring of AIS. LWCD follows GLRI Early Detection Monitoring protocols, with the exception of Spiny water flea and Zebra mussel sampling tows. In 2013, LWCD monitored 12 lakes with GLRI protocols; Long, Rocky Run Flowage, Shishebogama, Curtis, Dog, Dorothy, Tom Doyle, Two Sisters, Nose, Big Carr, Hancock, and Goodyear Lakes. Additionally, LWCD receive calls to check on possible AIS findings, and helps the WDNR to monitor selected lakes for GLRI Early Detection Monitoring. Samples of reports are included, including maps (both LWCD and private consultant).

With increased databases and monitoring, it is hoped that the Oneida County LWCD can better analyze movement of AIS, evaluate management actions, and better combat AIS.

**Expenses:**

Canoe rental-	\$300.00
Misc. monitoring supplies-	\$ 23.83
	\$ 20.23
	\$ 5.06
	\$ 5.26
Sensor cap replacement-	\$125.07

Hixon Lake  
September 6, 2013

I was contacted by Ron Fransen, 5237 Mirrorview Ln., Rhinelander WI about excessive vegetation on Hixon Lake. I have attached all emails between Ron Fransen, Tim Plude (WDNR), and myself.

On Friday, September 6, 2013, I joined Mr. Fransen in a pontoon ride around Hixon Lake to view vegetation concerns. Hixon Lake is a 50-acre lake with a maximum depth of 28 feet. Water clarity was good, estimated secchi disk reading of 12-15 ft. Hixon Lake has a good population of emergent and floating-leaved aquatic plants, primarily Pickerelweed, Lily spp., and some Watershield. I found the vegetation to be somewhat more dense in the two southern bays, but overall thought the proportion of emergent/floating-leaved plants to open water very good. Many lakes nowadays are seeing loss of aquatic emergent/floating-leaved species, thereby increasing shoreline and near-shore erosion/degradation.

The two bays on Lake Hixon are also home to Large Purple Bladderwort (LPB). This plant seems to become quite aggressive in some small, clear lakes in Oneida County, but I felt it was not overly dense on Lake Hixon. I have marked the beds of LPB on the attached map. Other submerged aquatic plants that were seen: Large-leaf Pondweed and Fern-leaf Pondweed. Lake Hixon hosts large beds of Large-leaf Pondweed, but I did not see much other diversity in submerged aquatic plants.

No aquatic invasive species were visible. At the time of survey, Eurasian water-milfoil would be easily identified, and none was found. I told landowner that "he has a gem of a lake that he lives on". Homeowner requested more information on shoreline restoration, this report and contact information will be sent to Jean Hansen, Oneida County Conservationist, Tim Plude, WDNR, and Sandy Wickman, WDNR.

*-michele sadauskas, Oneida County AIS Coordinator*



**Dorothy/Dog Lake AIS Survey**  
**Therese Hubacher & Cara Wanserski**  
**7/25/13**

Dorothy Lake landing is located off of County D on Rainbow Road just outside of Lake Tomahawk. It is a clear lake with a hard bottom and a rocky shore on the east side and sand on the west side.

We began surveying the lake by walking on the south west shoreline and thoroughly checking the boat landing area. We canoed the shore and found several blue flag iris in bloom (which seems pretty late in the season) and possibly a yellow iris that had set the seed pod. The lake didn't appear to have many aquatic plants but we did see what appeared to be algae blooms (green blobs).

We found Chinese Mystery snails on the shoreline in the rocky area which we collected for preservation and identification. We took a secchi disc reading of 17.5 feet.

Surveyed Dog Lake. Dog was a beautiful clear hard bottom lake with landing which required 4 wheel drive and even then was a bit scary! The landing was a long sand road that I got stuck in a couple time. It was well- worth the effort. The lake was full of a variety of vegetation and dark water. Secchi disc reading of 3.5 feet. We found several samples that looked like curly-leaf pond weed and EWM. But after looking closer we decided that we were looking at native species but we brought them in for verification. At the landing we found Banded Mystery Snails and Chinese Mystery Snails. We collected them for preservation and verification. The outlet to the lake was one of the most incredible finds of the summer. Not only was it beautiful we also discovered a shore of dozens of large bryozoans that looked like rocks. Cara also found and collected a sample of a fresh-water sponge. Of course our camera was back in the truck! The inlet to the lake was lined with a healthy stand of cattails and swamp milk weed. We found a strange snake-like critter that we brought back and after much debate by our office and the WDNR we decided was a rubber lure!

Hello,

Last week I attended a Zebra Mussel Monitoring meeting in Florence on Monday, while Chris Kolasinski, Amanda Heroux, Ryan Motiff, and Logan Bewick monitored Emma and Manson Lakes in Oneida County. Ryan and Logan, if you could please email your finds to this group I would appreciate it.

On Tuesday, Cara Wanserski (Oneida County LTE) and I canoe-monitored Hodag Lake in Oneida County and found no AIS. This lake was listed as being AIS free. Ryan Motiff and Amanda Heroux monitored Long Lake in Oneida County. Ryan, please email your finds to the group.

On Wednesday, Chris Kolasinski and I attempted to monitor Dog Lake, near Rainbow Flowage, in Oneida County. The road and launch area were impassible. We did collect Chinese Mystery Snails and Banded Mystery Snails at the landing. We then scouted the landing on Moccasin Lake near Elcho (Langlade County) and found it to be very useable for monitoring this summer. We collected a Chinese Mystery Snail at the landing. We also scouted Meyer Lake near Antigo (Langlade County) and found some possible Chinese Mystery Snails at a very useable landing. Logan Bewick and Michele Sadauskas monitored McCormick Lake in Oneida County. Logan, please email your finds to the group.

On Thursday, Chris Kolasinski and I monitored Ginty Lake in Oneida County and found Chinese Mystery Snails at the boat landing. These were already listed for this lake. Logan Bewick and Nancy Sattler (Oneida County) monitored Mud Lake near the Three Lakes Chain. Logan, please email your finds to the group.

Thanks to everyone for all their assistance. We were able to get seven lakes monitored this week!

\* Jennifer R. Steltenpohl

Aquatic Invasive Species Specialist

Eastern District -Lake Michigan Basin

Bureau of Water Quality

Wisconsin Department of Natural Resources

2984 Shawano Ave.

Green Bay, WI 54313-6727

(\* phone: (920) 662-5110

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(\* e-mail:

[Jennifer.Steltenpohl@wisconsin.gov](mailto:Jennifer.Steltenpohl@wisconsin.gov)<mailto:Jennifer.Steltenpohl@wisconsin.gov>



# Phragmites Stand Highway 8 East

RHINELANDER

INTERNATIONAL LN

S FOX RANCH RD

HIGHWAY 8

CRESCENT

0.04 ac.  
8/2/2012

0.06 ac.  
7/8/2014



## Legend

Specie Bed

Date\_

 7/8/2014

 8/2/2012



SPEEDY LAKE

LONESTONE LAKE

WIND-PULLED  
6-25-12

SARVILL  
COLONY

WIND

\* \* \* \* \*

\*

### 7/10-Big Carr Lake

Therese Hubacher and Cara Wanserski surveyed Big Carr Lake on 7/10/13.

We snorkeled 200 feet to the south of the landing and 500 feet to the north of the landing. There was not much in the way of vegetation, some small plants to the south of the landing. To the north of the landing it was very sandy and rocky in small patches. We found a couple Rams Head snails, Chinese Mystery snails, and Brown Mystery (native) snails. Samples of the Chinese Mystery and the Brown Mystery snails were taken to be sent in.

On the shoreline, south of the landing, we found scattered Purple Loosestrife plants (approx. 5 plants). We placed 1 of our biocontrol Purple Loosestrife plants with beetle larvae in on by one of the plants.

### 7/10-Little Carr Lake

Therese Hubacher and Cara Wanserski surveyed Little Carr Lake on 7/10/13.

The shoreline was surveyed. Purple Loosestrife was observed on the north side of HWY D along with other non-native wildflowers (i.e. Tiger Lillies). Two of the biocontrol Purple Loosestrife plants with beetle larvae in them were left in the stand.

### 7/17- Nose Lake

Therese Hubacher and Cara Wanserski surveyed Nose Lake on 7/17/13.

We snorkeled the landing and found Chinese Mystery snails and Brown Mystery (native) snails. Samples of both snails were taken to be sent in. Chinese Mystery snails have not been previously documented.

We observed the shoreline via canoe for the remainder of the lake. We found possible invasive cattails. We collected a sample to be verified.

The northwest bay of the lake is about 90% covered with Watershield. The rest of the edge of the lake had a thick coverage of Watershield as well. It was about a 15' circle around the lake. Within the Watershield were a few scattered plants of White Water Lily and Bullhead pond lily.

A secchi disk reading was taken and it was : 7.5'

7/17/13- Two Sisters Lake

Therese Hubacher and Cara Wanserski surveyed Two Sisters Lake on 7/17/13.

We snorkeled and monitored the shoreline around the public landing for 40 minutes. We found Banded Mystery Snails, Chinese Mystery Snails, and evidence of Rusty Crayfish, all of which have been previously documented. Samples of the Banded and Chinese Mystery Snails were collected to be sent in.

Many healthy native mussels were observed along with many empty Rams Head snail shells.

7/17/13- Tom Doyle Lake

Therese Hubacher and Cara Wanserski surveyed Tom Doyle Lake on 7/17/13.

We snorkled and monitored the shoreline around the public landing. Plants seen were: Coontail, Bullhead pond lily, and White Water lily. No apparent AIS.

The bottom of the lake was covered in muck and it was very poor visibility for snorkeling.

# Monitoring 2013

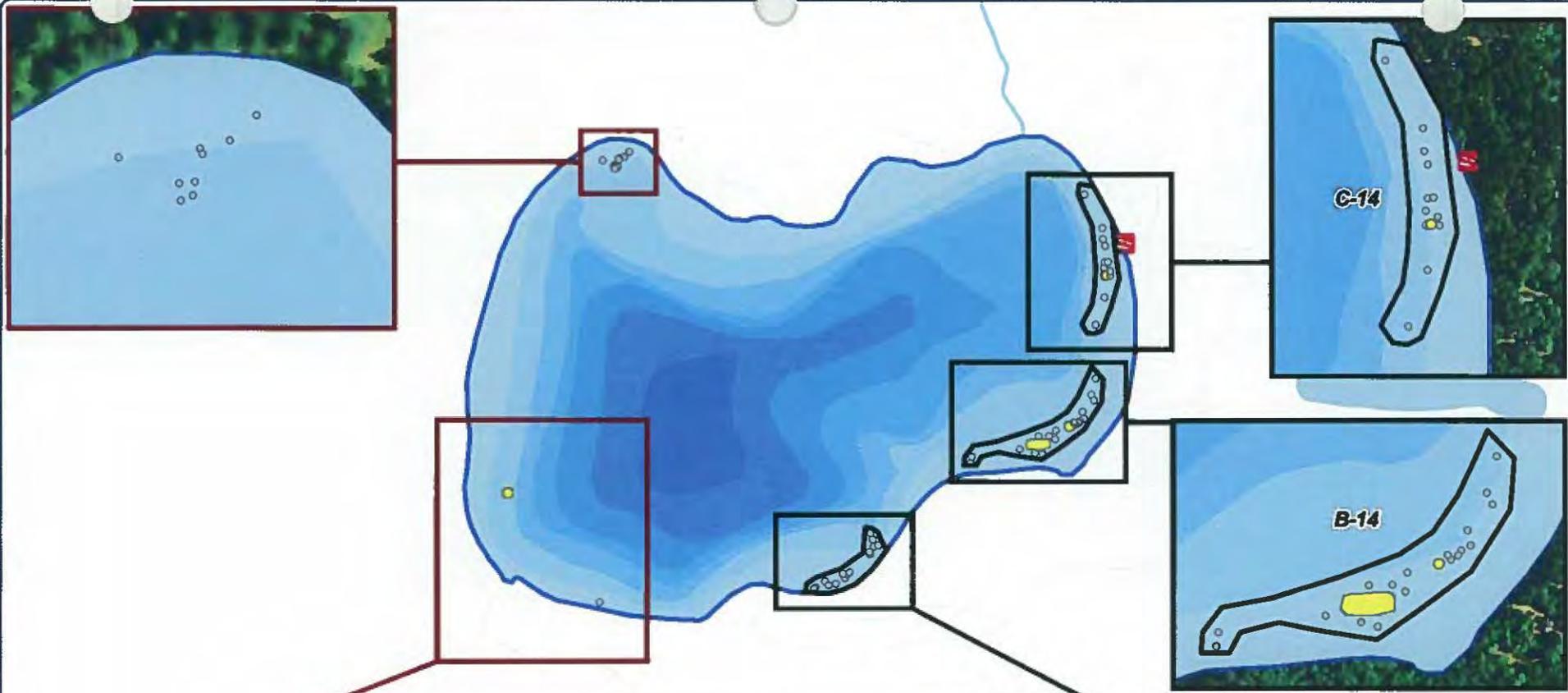
8/21/2013 10:00 AM	Long Lake -- Access at The End Of Doe Ln	Nancy Sattler	<a href="#">Details</a>
8/19/2013 9:00 AM	Rocky Run Flowage -- Access	THERESE HUBACHER	<a href="#">Details</a>
8/12/2013 12:30 PM	Shishebogama Lake	Michele Sadauskas	<a href="#">Details</a>
8/12/2013 12:30 PM	Shishebogama Lake	Cara Wanserski	<a href="#">Details</a>
8/2/2013 10:00 AM	Curtis Lake	THERESE HUBACHER	<a href="#">Details</a>
7/25/2013 12:00 PM	Dog Lake -- Access at North End of Lake	THERESE HUBACHER	<a href="#">Details</a>
7/25/2013 9:00 AM	Dorothy Lake -- Access	THERESE HUBACHER	<a href="#">Details</a>
7/17/2013 2:00 PM	Tom Doyle Lake -- Access	THERESE HUBACHER	<a href="#">Details</a>
7/17/2013 11:30 AM	Two Sisters Lake -- Access at E Side Of Lake	THERESE HUBACHER	<a href="#">Details</a>
7/17/2013 9:00 AM	Nose Lake -- Access	THERESE HUBACHER	<a href="#">Details</a>
7/10/2013 3:00 PM	Big Carr Lake -- Access	THERESE HUBACHER	<a href="#">Details</a>
7/4/2013 12:00 PM	Hancock Lake -- Access	Cara Wanserski	<a href="#">Details</a>

6/25/2013  
12:00 PM

Goodyear Lake -- Access

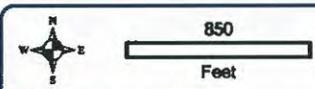
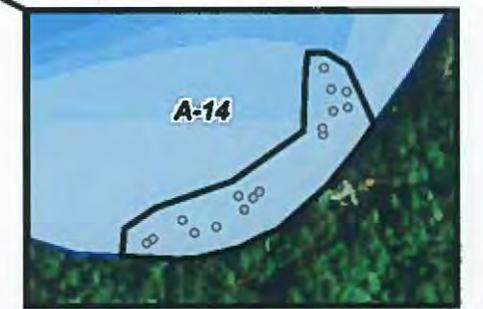
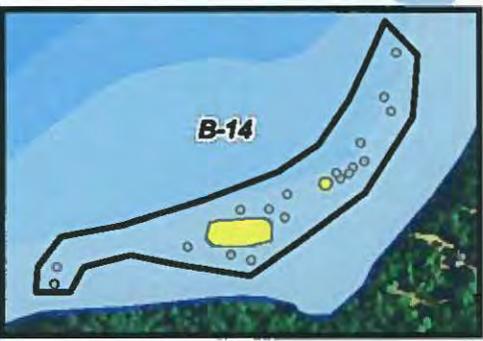
THERESE  
HUBACHER

[Details](#)



2014 EWM Control Strategy				
Professional Hand Removal				
Site	Latitude*	Longitude*	Depth Range & Average (ft)	Notes
A-14	45.862260	-89.081114	3-7 Avg = 4.0	Soft sediments, no obstructions
B-14	45.864449	-89.076470	4-7 Avg = 4.5	Soft sediments, no obstructions. Colonized EWM quite dense in some areas ("Dominant" overall)
C-14	45.866885	-89.075234	4-5 Avg = 4.0	Soft sediments, no obstructions

\* Latitude/Longitude of center of Hand-Removal site



**Onterra LLC**  
 Lake Management Planning  
 815 Prosper Road  
 De Pere, WI 54115  
 920.338.8868  
 www.onterra-llc.com

Sources:  
 Roads and Hydro: WDNR  
 Bathymetry: WDNR, digitized by Onterra  
 Aquatic Plant Survey: Onterra, 2014  
 Map Date: June 21, 2014  
 Filename: LoneStone\_EWM\_June2014.mxd



**Legend**

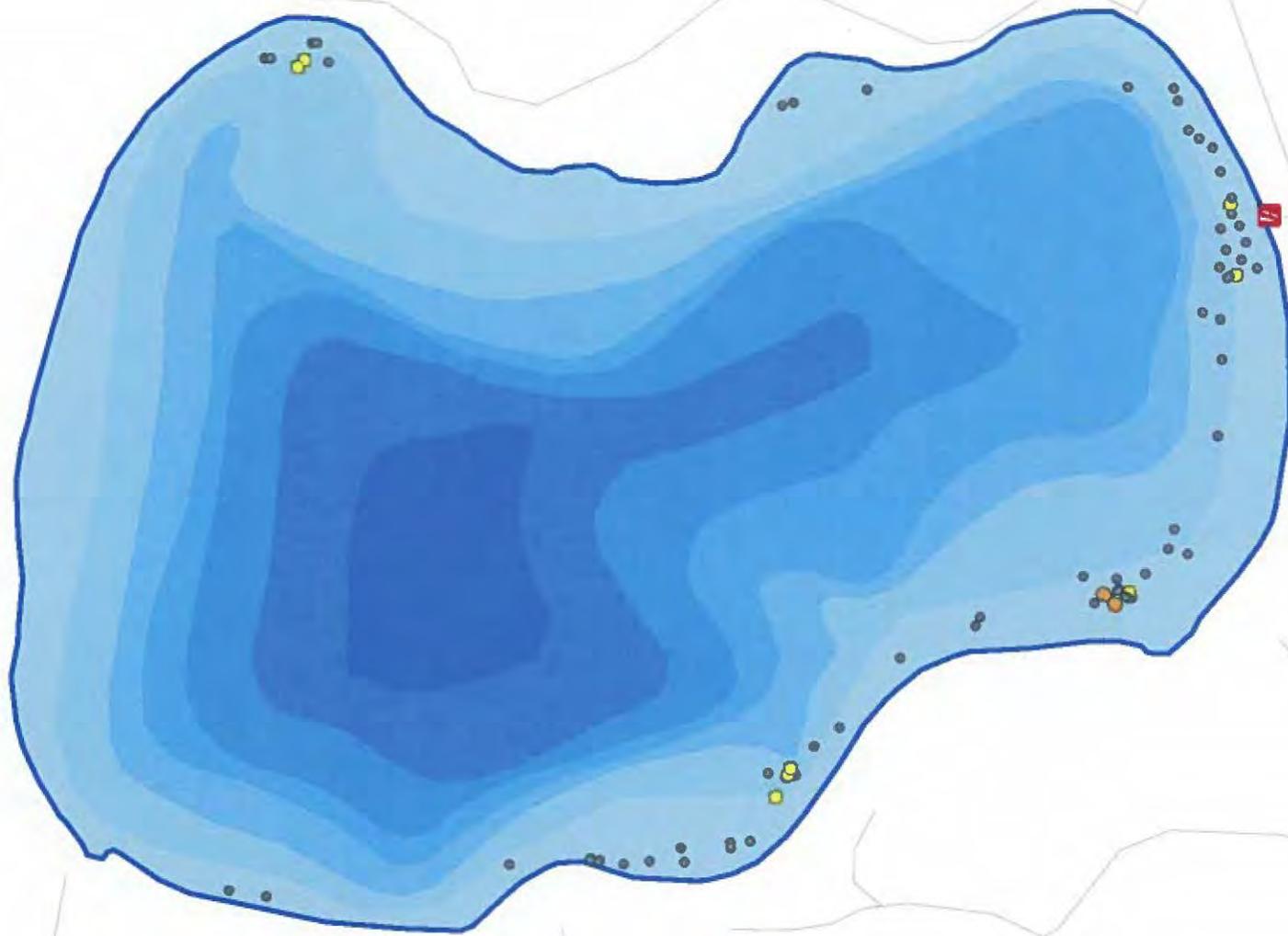
**EWM Survey Results (June 19, 2014)**

- Highly Scattered (none found)
- Scattered (none found)
- Dominant
- Highly Dominant (none found)
- Surface Matting (none found)
- Single or Few Plants
- Clump of Plants
- Small Plant Colony

**Hand Removal**

- Professional Hand-Removal Focus Area
- Volunteer Hand-Removal Focus Area

Lone Stone Lake  
 Oneida County, Wisconsin  
**June 2014 EWM  
 Survey Results &  
 Hand-Removal Strategy**



**Onterra LLC**  
 Lake Management Planning  
 815 Prosper Road  
 De Pere, WI 54115  
 920.338.8868  
 www.onterra-llc.com

Sources:  
 Roads and Hydro: WDNR  
 Aquatic Plants: Onterra, 2013  
 Map Date: Sept. 16, 2013  
 Filename: LoneStoneOneida\_EWMP\_Sep13.mxd



**Legend**

- Single or Few Plants
- Clumps of Plants
- Small Plant Colony
- Public Access Location

**Lone Stone Lake**  
 Oneida County, Wisconsin  
**September 2013 Eurasian  
 Water Milfoil Locations**

**4B. Assist WDNR with point-intercept survey (s) and GLRI early detection monitoring. (\$160.00)**

Field assistance for a point-intercept survey was provided for Willow Flowage. LWCD contributed 24-man hours (3 days) to the project. Additionally, LWCD assisted the WDNR in GLRI Early Detection Monitoring on Mud, Thompson, Hodag, and Big Stone Lakes. Please see tab 1D for documentation of these projects.

Some mileage was incurred (mileage included in tab 2A) for this project.

**5A. Assist agencies and associations in restoration of ecosystems. (\$340.00)**

In 2012, Oneida County LWCD began working with partners to restore AIS-affected landscapes. Over 20 native plants were restored into a small wetland near Quality Inn, Rhinelander. The site continues to be a demonstration area for both students and adults.

In 2013, Theresa Werner's 4<sup>th</sup> grade classes and Shelley Lehman's work experience students brought the School District of Rhinelander into the world of restoration management. Students harvested, sorted, and sowed native wetland plant species. These plants would then be planted into AIS-affected landscapes starting in 2015/2016.

Since these student-grown seedlings would need time to mature, LWCD also purchased 37 gallon-size native wetland plants. Joe-Pye Weed, Blue Vervain, Turtlehead, and Blue Flag Iris were purchased for future restoration projects at Hodag Park, Rhinelander and a Phragmites site located on HY 8 west of Rhinelander.

The Hodag Park (City of Rhinelander) site was scheduled to be re-vegetated with Blue Flag Iris in Fall 2014, but extra time was needed to receive permission on the project. Permission was granted late Fall of 2014, and the site is scheduled for restoration work in early 2015 (students will be involved in the restoration planting). The Phragmites site was chemically sprayed in Fall 2014, restoration of the site will not begin till early or mid-2015.

LWCD hopes to see an increase in restoration management partnerships with other management units, lake associations, and private citizens in the future.

Some mileage was incurred (included in appendix E) for this project.

Expenses:

Restoration plants--	\$199.00
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**5B. Support educational outreach materials for restoration. (\$60.00)**

For 2013, LWCD proposed to develop and design a brochure that addressed options, resources, and provide contacts on the restoration of AIS-affected landscapes. After much deliberation, LWCD opted to develop and design a more simplified brochure highlighting the restoration of Yellow Iris and Purple Loosestrife affected wetlands.

The brochure was designed as a two-sided 4.25" x 5.5" cardstock flier. One side of the brochure was devoted to Yellow Iris and plants that homeowners could "plant instead" of Yellow Iris. The flip side of the brochure was devoted to Purple Loosestrife and focused on 'purple' native species that landowners could use to help restore Purple Loosestrife affected landscapes. LWCD called the brochure "Plant This Instead"! The brochure was an instant hit at lake fairs, lake association meetings, and other water- related events.

Some expenses for printing were incurred (appendix G).

# YELLOW IRIS

**AN INVASIVE IN OUR WETLANDS**



Photo taken in Minocqua Area, Oneida County, WI

## Yellow Iris (*Iris pseudacorus*)

A showy garden/pond ornamental that has escaped to become an aggressive wetland invader. This large plant can form dense colonies displacing native species and altering animal habitat. All parts of this plant are poisonous. Take precautions when removing.

## PLANT THIS INSTEAD



Photo taken near Hwy 47 Minocqua, Wisconsin

## Blue Flag Iris (*Iris versicolor*)

Very robust, sword-like leaves with well-developed, 6-petal, large violet-blue flowers. This plant grows from 4 to 32 inches high and prefers full sun.



Photo courtesy of Eric Epstein, WI DNR

## White Spiraea (*Spiraea alba*)

Also called White Meadowsweet, it has spiraled or twisted seed pods. A native perennial that grows 3 to 6 feet tall and has white, 1/4 inch, slightly fuzzy flowers that bloom June through August. Loves moist to wet meadows and streambanks, and is a good shoreline stabilizer.



Photo taken near Hwy 45 Monico, Wisconsin

## Bog Goldenrod (*Solidago uliginosa*)

Has pretty yellow flower clusters that are dense and narrow creating a wand-like appearance. This plant likes shores and wetlands and will grow 2 to 5 feet high depending on conditions. Flowers are about 1/4 inch long with 1 to 8 petals.

If you suspect Yellow Iris, Purple Loosestrife or any other invasive is on your lake or river front property, call us at 715-369-7835. We can help you with proper identification and suggest ways to improve the health of your shoreline.



[www.oneidacountyais.com](http://www.oneidacountyais.com)

# PURPLE

# LOOSESTRIFE

**AN INVASIVE IN OUR WETLANDS**



Photo taken near Hwy 8 Oneida County, Wisconsin

## Purple Loosestrife (*Lythrum salicaria*)

An aggressive perennial in lakes, rivers, and wetlands. Grows 3 to 7 feet tall with up to 50 stems topped with purple flowers. The plant has many side branches that make it look bushy. Clipped plants grow back and cut stems re-root to produce new plants. This plant significantly decreases the biological diversity of native plant and wildlife populations.

## PLANT THIS INSTEAD



Photo taken near Hwy 70 Minocqua, Wisconsin

## Blue Vervain (*Verbena hastata*)

A pretty plant with thin spikes topped with tiny flowers and toothed, oval, stalked leaves. It favors moist to dry places and will grow from 2 to 6 feet in height.



Photo taken near Hwy 8 Rhinelander, Wisconsin

## Joe Pye Weed (*Eutrochium maculatum*)

A plant with a whorled leaf arrangement that grows from 4 to 6 feet high. It has pretty, light purple flowers which are lightly scented.



Photo courtesy of Lady Bird Johnson Wildflower Center, Weston, Wisconsin

## Steeplebush (*Spiraea tomentosa*)

A plant with conical sets of tiny flower spikes. Stems are woody and have alternate, oval leaves. The plant grows 1 to 4 feet tall and is often used in fall flower arrangements.

If you suspect Purple Loosestrife, Yellow Iris or any other invasive is on your lake or river front property, call us at 715-369-7835. We can help you with proper identification and suggest ways to improve the health of your shoreline.



[www.oneidacountyais.com](http://www.oneidacountyais.com)

**5C. Compile information on restoration and rehabilitation efforts. (\$50.00)**

LWCD continues to assimilate and share restoration and rehabilitation efforts. The consulting firm Onterra, has provided numerous documents on lakes they are actively managing. LWCD also continues to receive species abundance, frequency of occurrence, and species richness data from the WDNR. With these types of resources, LWCD is able to follow how aquatic and wetland plant populations and communities respond to treatments, restoration activities, and other management techniques.

LWCD is committed to sharing restoration and rehabilitation research and practices on its blog and website. To continue to offer individuals and groups this type of material (oftentimes files are large due to picture-heavy content), LWCD purchased a Weebly webpage account that will allow videos (ex. Purple Loosestrife restoration work) and large files to be uploaded and stored. Purchase of blog site also helps satisfy projects 5A and 3A (additional funding is available under these two projects).

Expenses:

Weebly blog (2 yr. service)	\$159.00
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Oneida County, Wiscons Scribd

https://www.scribd.com/fullscreen/243291055?access\_key=key-JpC7MBbnUngD4q9QqIM&allow\_share=false&escape=false&show\_recommendations=

Apps Free Hotmail Suggested Sites Imported From IE Imported GPS Visualizer boat and gear dair... Oneida County, Wis... un lakas - Google S... UWSP | UW Extensio...



Invasive Phragmite stand, HY 8 west of Rhinelander.

***It was treated on Monday, September 22!*** This site was identified as one of two invasive Phragmite stands in Oneida County. This stand was located on highway right-of-way and private property. Permission was granted from both parties to chemically treat the stand. Oneida County Land & Water will perform future monitoring and restoration of this site. In fact, native wetland seed will be broadcast this fall to begin the restoration process.

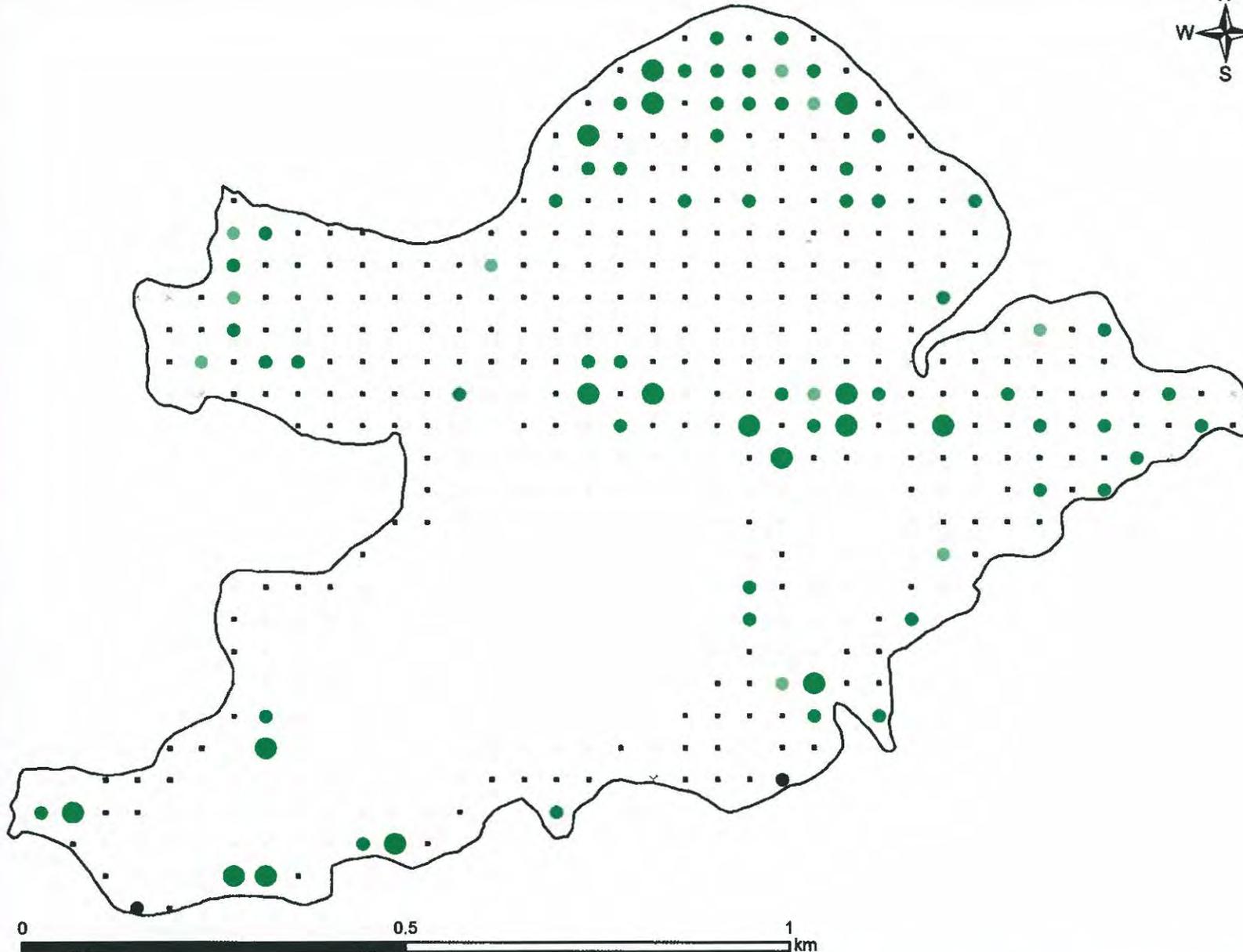
**Order and Code:** Follow this link to see interactive APP invasive talk: "Invasive species down..."

Scribd. 4 of 17 10:00 AM 12/29/2014

The identification and subsequent restoration story of an invasive Phragmites site in Oneida County will play out in detail on [www.oneidacountyais.com](http://www.oneidacountyais.com).

# Manson Lake, Oneida Co.

## August 15, 2014

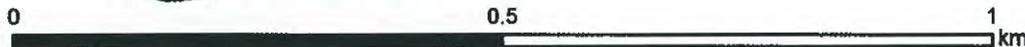
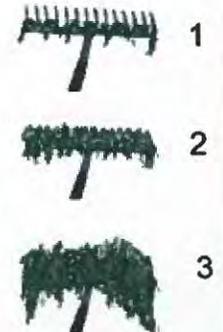


### Eurasian Watermilfoil

#### Rake Fullness Rating

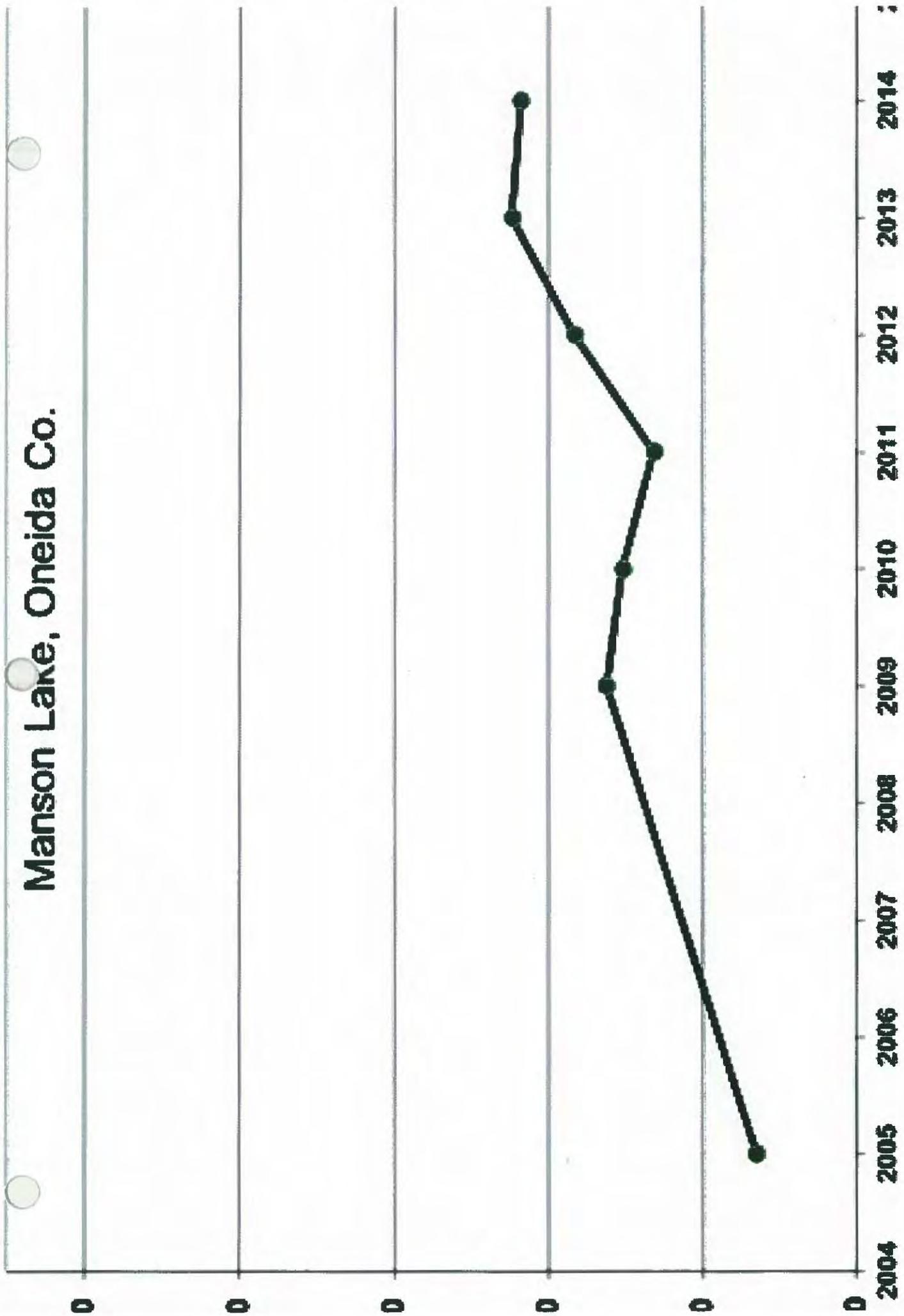
- No EWM
- 1
- 2
- 3
- Visual
- Not Sampled

#### Illustration of Rake Fullness Rating



<http://dnr.wi.gov>

# Manson Lake, Oneida Co.



**5D. Extra activities and/or purchases. (\$252.78)**

In 2013 and 2014, Oneida County LWCD was approved to purchase a small handheld GPS unit to help with student and citizen projects. This unit has been helpful in obtaining locational points in Purple Loosestrife management, native plant restoration work, and has helped students and citizens in workshops and field experiences.

## **CONCLUSION:**

In 2013/2014, the Oneida County Land and Water Department continued the fight against AIS. With help from the WDNR and AIS Control Grant AEPP-373-13, LWCD hosted four workshops, worked with over 600 schoolchildren, and hired three limited-term employees who performed over 727 hours of CBCW inspections. The educational outreach did not end there. Oneida County was also able to distribute stickers, brochures, pens, pencils, and install 40+ boat bumpers throughout the County. The AIS Control Grant award also enabled Oneida County to continue monitoring and mapping AIS. By mapping and monitoring existing populations we can move forward with management practices that will protect and/or preserve our invaluable water resources.

Without financial support from the WDNR grant program, Oneida County's AIS program would be severely limited, if not completely dismantled. The current AIS program has been successful on many fronts and has been a huge success in educating and controlling the spread of AIS. The program has raised public awareness on AIS, increased partnerships, and most importantly, has worked tirelessly in protecting Oneida County's water resources. In 2013, Oneida County can say with certainty, that it has partnered with multiple organizations in effectively helping slow the spread of AIS!