

Reports already entered into SWIMS. I was able to complete the Wind Pudding AIS Monitoring report, which I had initially entered into SWIMS. However, I discovered that I cannot update/add data that was entered by the other LTE's. This quirk in the system has put me at a dead stop. I discussed the situation with Michele and she agreed that we "need to edit the data as a team." I emailed Jennifer asking if there was a way that we could make that happen. I updated weekly updates.

2015

## **Stephanie Boismenu**

Weekly Update for 04-13-15 to 04-19-15 (I can work up to 27 hours this week)

**Monday April 13, 2015**

First day back on the job - yay! Michele got me up to speed on upcoming events, projects, and AIS happenings.....my calendar filled-up fast. I worked on the 2014 - Year in Review report/newsletter.

**Tuesday April 14, 2015**

On my way to work, I stopped by the airport to check on the condition of the potted plants, which will be used for the Boom Lake shoreline restoration projects. They are coming along slowly - I took photos of them. Then I buzzed into the Quality Inn and checked-out the condition of the purple loosestrife site, which is still dormant.

I worked on the report/newsletter. Michele and I went through the boxes of fishing license holder and accompanying documentation. I will start delivering the holders to the same entities listed on the documentation (DNR and businesses who sell fishing license).

In the afternoon, Michele and I discussed the DNR's request for our department to search for a possible Phragmites site on the Oldenburg property. Michele gave me the GPS coordinates and maps that the DNR sent her and we decided that I will go today or tomorrow to check it out. With maps and GPS coordinates in hand, I went to the Oldenburg property to start my search as well. Upon arrival, I searched for Phragmites along the roadside in front of the Oldenburg property, and did not find any. I went to the visitors desk to discuss the Phragmites and obtain permission to enter the property. I spoke with the Jake (manager) and, after signing in on the guest registry and verifying that I was a US citizen, Jake showed me where I should enter the woods, which is at the back end of the shipping and receiving area. After walking a little ways in the woods, I determined that I needed to return tomorrow with my mud boots and better maps. I returned to the visitor's desk, signed out, and returned to the courthouse.

**Wednesday April 15, 2015**

Michele and I discussed an upcoming project with the higher functioning work experience kids. I worked on the report/newsletter. In the afternoon, I delivered fishing holders to the DNR office. They were excited to get them and wanted all much as I could give them, which was about 250 holders. Of note: the lady at the DNR office said she was going to send some to the Antigo and Woodruff service centers. I then went to the Oldenburg property and began searching for the Phragmites, which was not found. I returned to the courthouse and started writing the report of my search for Phragmites.

**Thursday April 16, 2015**

I finished writing my Phragmites report, which included a map and photos and wrote my weekly update. Michele and I went over the draft of the report/newsletter. Jonna registered me for the WI Lakes Convention. Off this afternoon.

**Friday April 17, 2015**

Off. See you Monday.

Weekly Update for 04-20-15 to 04-26-15

Monday 04-20-15

I worked on the AIS 2014 Special Edition Newsletter

Tuesday 04-21-15

Off today

Wednesday 04-22-15

I worked on the AIS 2014 Special Edition Newsletter

Thursday 04-23-15

Attended the WI Lakes Partnership Convention in Stevens Point

Friday 04-24-15

Attended the WI Lakes Partnership Convention in Stevens Point

Saturday and Sunday - off

Weekly Update for 04-27-15 to 05-03-15

Monday April 27, 2015

I worked on the special edition newsletter this morning. Then gathered supplies needed to cut Phragmites. At 1:15, Michele, John, and I cut Phragmites along Hwy 8. First we cut seed heads and then we cut the stalks. We accomplished about 2/3 of the stand.

Tuesday April 28, 2015

I stopped at Manson Lake to collect plants for tomorrow's CBCW workshop. I then stopped by the airport to check on our native plants. Back at the ranch, I spent the rest of the day prepping for the CBCW workshop, which included making changes to the power point presentation.

Wednesday April 29, 2015

Today was a fun, but long day. Spent the day getting ready for the CBCW workshop, which was from 4pm to 9pm this evening.

Thursday April 30, 2015

Off today

Friday May 1, 2015

I prepared for tomorrow, which will be my first day at the landings (opening of fishing) and gather supplies for changing boat landing signs. During today's travels, I picked up 3 posters from the Minocqua library.

Today was spent on switching out the boat landing signs. My goal was to change signs at E. Horsehead, W. Horsehead, Flannery, McNaughton Lake, Two Sisters Lake, & Manson Lake. First, I stopped by the DNR office and obtained boat landing signs and supplies from Al. Then I went to the Minocqua library and worked my way south. Two Sisters Lake has the new sign, but it's tucked back by the exit. I then checked Tom Doyle Lake – signage is ok. I then went to McNaughton Lake, which has old signage on



wooden posts. I will have to come back to McNaughton with new posts. Then went to East Horsehead and switched signs. West Horsehead needs a new post and sign. This will require calling Diggers Hotline because the current post is in a bad place.

**Saturday May 2, 2015**

I worked all day at the Lake Nokomis boat landing.

**Sunday May 3<sup>rd</sup>**

off

**Weekly Update 05-04-15 to 05-10-15**

**Monday May 4<sup>th</sup>, 2015**

Off today

**Tuesday May 5<sup>th</sup>, 2015**

I spent the morning getting caught up on emails, worked on paperwork, and followed-up on information requested by a few of the CBCW attendees. I obtained DNR's paperwork for boat landing signage. Switched boat landing signs at Townline Lake then left work early because I had a concert performance.

**Wednesday May 6<sup>th</sup>, 2015**

I made a few changes to the CBCW power point presentation. I created a list of my own personal CBCW Tool Box list, which was requested by CBCW volunteers (see List of Materials Needed for Inspections posted in the 2015 CBCW file).

**Thursday May 7<sup>th</sup>, 2015**

I arrived late due to a reaction to my allergy shot.

I worked on paperwork, emails, and helped with the AIS poster judging.

**Friday May 8<sup>th</sup>, 2015**

I stopped by Perch Lake to check on boat landing signage. That lake needs a new post. I then went to Goodyear Lake and switched out the boat landing signage. Finished power point and documents called List of Materials Needed for CBCW Inspections. In the afternoon, I performed watercraft inspections at Lake Nokomis boat landing and Manson Lake Boat Landing.

**Saturday May 9, 2015**

I performed watercraft inspections at Little Bearskin Lake, Big Bearskin Lake, Carr Lake, Pickerel Lake, and North Nokomis Lake. Additionally, while I was Pickerel, I collected C.M. snails for the upcoming CAVOC program.

**Sunday May 10, 2015**

Off today

**Weekly Update 05-11-15 to 05-17-15**

**Monday May 11, 2015**

Off today



**Tuesday May 12, 2015**

Worked on updating the Spiny Waterflea publication and downloaded two you tube videos for the CAVOC program. I had to have Cade help me with the videos and put them on the lap top.

**Wednesday May 13, 2015**

Today I went to Lake Metonga to obtain zebra mussels for tomorrow's programs at CAVOC. I assisted Michele with training a husband and wife couple from Pelican Lake on how to enter CBCW data into SWIMS. I printed and laminated additional Spiny Waterflea posters and gathered supplies for tomorrow's program which includes: microscope, petri dishes, slides, external hard drive, laptop, zebra mussels, and snails, couple containers of water, big blue bucket (Steph's bucket), stickers, and tattoos.

**Thursday May 14, 2014**

On the way to CAVOC, I stopped by a stream and collected some great samples of water for today's program. I arrived at CAVOC at 7:45am. Michele and I had a great day a CAVOC with the 5<sup>th</sup> graders from Central School.

**Friday May 15, 2015**

Unpacked stuff from CAVOC and spent the morning getting the LTE desk areas ready. I left work at 1pm and went home sick.

**Saturday may 16, 2015**

I performed watercraft inspections at Lake Katherine and Stacks Bay.

**Sunday May 17, 2015**

Off today

**Weekly Update 05-18-15 to 05-24-15**

**Monday May 18, 2015**

Off all day

**Tuesday May 19, 2015**

Morning started out with an AIS team meeting with Michele, Sara, & John. We discussed boat landing signage and John mentioned Neptune Lake and another lake close by need new signs. M.S. said that Two Sisters Lake is taking care of their signage, so I can cross that off the list. Discussed Phragmites – John, Steph, Sara, & Sam will meet Thursday at 9 to start working on it. Michele cancelled tomorrows CBCW workshop.

Michele asked me to call Abby Trap from Minocqua, to set-up a time when I can train her how to enter the CBCW data into SWIMS. I called Abby and scheduled it for Friday at 9am at her office located in the Minocqua Town Office building.

Today I worked on weekly updates, made a change in the List of Materials Needed for CBCW Inspections; created an excel spread sheet that is a "face sheet" for our CBCW data entry; worked on various other paperwork.

**Wednesday May 20, 2015**

The morning started out with a team meeting with Michele, Sara & Samantha. We welcomed Samantha to the team. We discussed CBCW hours and each of us LTE's must complete 250 hours, which includes travel time. We discussed upcoming events. I worked on updating the CLMN procedures and forms. I helped prep for tomorrow's visit from Mrs. Werner's 5<sup>th</sup> grade class and created a wall (photo) display called "Inspiring Young Minds", which consist of photos of the school kids who have participated in our programs over the last two years.

#### **Thursday May 21, 2015**

Today was a busy day. At 9:00, Sara, Sam, John Preuss from LRC&D, and I cut the remaining Phragmites from the Hwy 8 stand.

At 10:00, I met with Sandy Wickman to refresh our AIS samples with ethanol and swap samples. While I was at the DNR office, I picked-up more fence posts, the fence driver, AIS signs and hardware.

At 12:00pm, Michele, Sara, Sam, and I greeted the students from Mrs. Werner and Mrs. Hunter's classes and showed them the first place video from the AIS poster/video contest. The students enjoyed touring the office as well.

After the students left, Samantha and I shifted gears and concentrated on boat landing signage. We transferred the AIS sign posts and supplies to her truck and replaced signage at the following landings: West Horsehead, McNaughton, and Perch Lake. In addition, we went to the Flannery Landing, but removal of the old sign required an electric drill, so we left that for another time.

#### **Friday May 22<sup>nd</sup>**

Sam and I went to Minocqua to train Abby, who is the Lake Minocqua's CBCW Data Entry person. We trained her at her office, located in the Minocqua Town Offices. Afterwards, Sam and I went to Stacks Bay to perform watercraft inspections (Sam shadowed me to learn the ropes).

#### **Saturday May 23<sup>rd</sup>**

I had a record day of watercraft inspections at the Willow Flowage – totaling 70 inspections.

#### **Sunday May 24<sup>th</sup>**

**Off today.**

Weekly Update 05-25-15 to 05-31-15

#### **Monday May 25, 2015**

Off all day – Memorial Day.

#### **Tuesday May 26, 2015**

#### **Wednesday, May 27, 2015**

I prepped for tomorrow's day at Hodag Park.

Michele and I attended the DNR's AIS Strategic Planning Meeting at the DNR office in Rhinelander. It was a very informative meeting and topics included: AIS watercraft inspections, AIS monitoring, boat landing signage, procedures for discovery of new AIS, and CLMN overview.



At 3:30, I went to Hanson's Garden Village to obtain 30 plants for tomorrow event, which included: 10 Blue Vervian; 10 Swamp milkweed; and 10 Joe Pye Weeds.

Afterwards, I went to Schroeder's Marina to drop off the propeller for the pontoon boat that we are renting tomorrow.

#### **Thursday May 28<sup>th</sup>**

Today was AIS Fund Day with Mrs. Werner's 5<sup>th</sup> grade class at Boom Lake. Michele's rotation: she took the kids on the boat to identify native & nonnative aquatic plants, secchi disk readings, water clarity tests, and tow for spiny water fleas. Al and my rotation: shoreline restoration with native blue flag iris and other natives to replace the invasive yellow iris, and let the kids use the Aqua Scopes to search the water for invasive snails and rusty crayfish. Sam and Sara videotaped the kids making Invasive Species PSAs for our facebook page.

#### **Friday May 29<sup>th</sup>**

The morning started out with a team meeting. I spent the day doing updates and various paperwork. I worked on the CLMN forms and procedures.

#### **Saturday May 30<sup>th</sup>**

I performed watercraft inspections at Little Bearskin and Lake Katherine. I then stopped by the Thoroughfare Landing to check in on Matt (Lake Tomahawks paid inspector). Matt wants a copy of my Spiny Waterflea poster. Then I drove to the Thirsty Whale Landing to check in on Nancy (Lake Minocqua's paid inspector). Nancy wants a copy of my Spiny Waterflea poster. I then drove to the Old School House Landing to check in on that inspector, but no one was there. So, I spent some there doing watercraft inspections. Afterwards, I spent the rest of the day performing watercraft inspections at Lear Lake, Sweeney Lake, and Rainbow Flowage.

On my way home from the Rainbow Flowage, I stopped by the Flannery Lake boat landing and installed the new sign.

#### **Sunday May 31, 2015**

Off

Weekly Update 06-01-15 to 06-07-15

#### **Monday June 1, 2015**

Off today

#### **Tuesday June 2, 2015**

The day began with a Team meeting. Afterwards, I entered the Flannery boat landing signage installation data and Saturday's watercraft inspection data into SWIMS. In addition, I updated my CBCW hours for Jonna. I emailed SWF poster to Carol Warden and printed and laminated the S.W.F posters for Nancy (at Thirsty Whale Landing) and Matt (at Thoroughfare Landing). I will deliver the Spiny Waterflea posters on Friday. I then worked on writing up a press release for the Educators Workshop.

#### **Wednesday, June 3, 2015**

I finished the PSA for the Educators Workshop. At 9:15, Sam, Sara and I left for the DNR's Field Training Day (from 9:30 -4:30). The morning classroom topics included: native and AIS identification, trailering



and backing-up, point intercept surveys, shoreland inventory techniques, water quality monitoring and disinfection. The afternoon was in the field at Boom Lake and included: PI surveys, driving the boat and backing up techniques, water quality, SWF and ZM sampling, backing and trailering the boat, boat landing surveys, and preserving and vouchering specimens.

Thursday, June 4<sup>th</sup> 2015

I spent the day working on the Educator Workshop PSA and various paperwork. I helped Lud and Von (from Pelican Lake) with a glitch that they had with entering data into SWIMS.

Friday, June 5<sup>th</sup>, 2015

Weekly Update 06-01-15 to 06-07-15

Monday June 1, 2015

Off today

Tuesday June 2, 2015

The day began with a Team meeting. Afterwards, I entered the Flannery boat landing signage installation data and Saturday's watercraft inspection data into SWIMS. In addition, I updated my CBCW hours for Jonna. I emailed SWF poster to Carol Warden and printed and laminated the S.W.F posters for Nancy (at Thirsty Whale Landing) and Matt (at Thoroughfare Landing). I will deliver the Spiny Waterflea posters on Friday. I then worked on writing up a press release for the Educators Workshop.

Wednesday, June 3, 2015

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Thursday, June 4<sup>th</sup> 2015

I spent the day working on the Educator Workshop PSA and various paperwork. I helped Lud and Von (from Pelican Lake) with a glitch that they had with entering data into SWIMS.

Weekly Update 06-15-15 to 06-21-15

Monday June 15, 2015

I came in at 11:00 today to meet to prep for Worms and Waters (held tomorrow). Michele called the extension office and asked someone there to see if the worm frame was in the basement.... Yes it is there. I prepared training material for "The Shelley Lehman Project" which is her student's boat landing survey. For Shelley's project, I made sure the online survey was up and running on SurveyNuts.com, printed off copies of the survey, created and printed a sign-in sheet, and obtained the county WIFI unit from Jonna.

Shelley and two students arrived at 12:00. We sat in the committee room where I explained, in general-elementary terms, what invasive species were and why and how we are doing the survey. I connected the county WIFI onto the students Ipads, loaded the SurveyNuts.com username and passwords, and

went over the surveys with the students. Shelly and I had both students read the survey to us (as a practice run). Of note, we had a hard time logging onto surveynuts, but it finally accepted our login info. They left at 1:30.

I spent the rest of the day preparing for the Worms Waters program and went to the extension office to obtain the worm frame.

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## **Samantha Zommers**

Daily Updates

Week 1: 5/19 – 5/24

5/19/15: Clean boats clean waters (CBCW) training in Stevens Point from 10am-3pm.

5/20/15: Team meeting in the morning and got acquainted with the office and building. Went with Sara for the afternoon and handed out fishing license holders from Oneida County to bait shops in the area. With the couple of remaining hours I organized CBCW supplies in the office.

5/21/15: Cut Phragmites at 9am with Sara, Steph, and John Preuss off of HWY 8. At 12 and 1pm two classes of kids came to see their posters and collect their trophies/ribbons from us and had their party. For the rest of the afternoon I went with Steph to local boat landings and put up new aquatic invasive signs to replace the old ones. We went to Perch, West Horsehead, Lake Madeline, and McNaughton.

5/22/15: Trained a person how to use CBCW SWIMS website with Steph in Minocqua at the library. Did CBCW with Steph the rest of the day today.

5/23/15: CBCW at Minocqua and Kawaguesaga.

5/24/15: CBCW at Pickerel Lake and Minocqua Lake.

Weekly Update 2: 5/27 – 5/30

5/27/2015: Started off the day with data entry for mileage, weekly updates, and SWIMS for clean boats clean waters. Got ice cream treats and ice for the party at James Williams School for the AIS poster winner. Went to the school at 1pm. For the afternoon Sara and I took pictures and scanned posters for AIS poster contest winners. We then got props ready for the fun day the next day at boom lake. We then went to the airport to check on ice pack delivery.

5/28/2015: Went to Boom lake for AIS fun day with Mrs. Werner's 5<sup>th</sup> grade class from 10-2:30pm. We then picked up the icepacks that were finally delivered to the airport. Sara and I cleaned up the stairwell and loaded in ice packs.

5/29/2015: Pelican Lake AIS rotations with Sara for the 3<sup>rd</sup> graders with the DNR for the morning. Afterwards Sara and I organized and put away props from the last two days back at the office. We then



finished printing all the poster winners from the AIS poster contest and laminated them for delivery to the libraries in the areas.

5/30/2015: CBCW at Lake Nokomis for the day.

Week 3 Update: 6/2 – 6/6

6/2/2015: Team meeting and weekly updates. Sara and I updated the tournament list with the DNR. We then updated and made press releases for posters to the libraries. We bagged and counted ice packs and licenses for all the lake associations that responded for them.

6/3/2015: DNR training at the DNR office and Hodag park

6/4/2015: Fixed posters to finish and get sent out to libraries. Made a spreadsheet for Michele about what associations worked on monitoring for each lake since 2012. Mocked up lanyards, sunglasses, and window clings for discussion on outreach materials.

6/5/2015: CBCW

6/6/2015: Family Fishing Fun Day from 9 to 12 at Hodag park. Then cleaned up and brought supplies back to the office. Did CBCW the rest of the afternoon.

Update Week 4

June 9 - June 13

6/9/2015: Met as a team to discuss upcoming events, projects, and citizen lake monitoring network information. Went to the airport to count icepacks, get a list of supplies from menards, and stopped at the DNR station to drop off supplies and get supplies from Sandy. We then came back to the office and did updates on weekly things and CBCW.

6/10/2015: Worked on updating the website and facebook with Sara in the office today. We also created an online survey for Shelly Lehman group for next week. We also got a hotspot and figured it out so that we know how to use it in future events. Connected with grounds for the Courthouse to get our relocation for supplies decided and a date for move in.

6/11/2015: We had a team meeting in the morning. Throughout the day Sara and I created surveys for Shelley Lehman. We also met with Michele again to go over projects for the LTE's. Sara and I worked on picking ice packs up from the airport. Afterwards Sara worked on a brochure for the NR-40 species while I redid and created the poster board for the fair on Saturday. Sara, Steph, and I got together supplies for the fair on Saturday and packed it up in our vehicles.

6/12/2015: CBCW at Lake Minocqua/Stacks bay.

6/13/2015: At the Hazelhurst Craft Fair all day with Stephanie.



## Update Week 5

6/16- 6/20

6/16/2015: CBCW at Willow Flowage

6/17/2015: Did weekly updates and SWIMS. Michele, Steph, Sara, and I had a team meeting and updated one another. Sara and I cleaned out the garage G1 and moved our supplies.

6/18/2015: Had a team meeting about protocols and office wear. Sara and I went to the phragmites site on Hwy 8 to meet the hwy department and clean up the fragments. The hwy department showed up with nothing to properly carry the phragmites with back to the office to burn, so we had to reschedule for next week. Sara and I then stopped at the airport to pick up our remaining 5 ice pack boxes. For the afternoon Sara and I did office work such as write-ups from the following weekend (Hazelhurst fair), made new volunteer folders, made a folder for art, made a check out/in list along with inventory for the new garage, looked for new tournaments during the summer, and talked to buildings and grounds about using the lawn for Plant ID day on July 17<sup>th</sup>. Around 3pm Steph and I went on a hunt for new patches of phragmites that were reported on hwy G. We found one patch so we removed a sample and brought it to the DNR.

6/19/2015: CBCW inspections at Stack's Bay

6/20/2015: CBCW inspections at Kawaguesaga

## Weekly Update 6

6/23-6/27

6/23/2015: There was a team meeting to discuss weekly updates and to discuss upcoming projects. In the morning Steph, Sara, and I all went to look at the canoe which was donated to the department at the hwy department. We got the canoe loaded onto Steph's vehicle to take back to our new storage area in garage 1. On the way back us girls stopped at the phragmites patch on hwy 8 to do some monitoring on new growth and take plot samples for density measurements, along with making a gps coordinate around the whole plot itself. When back to the office Sara and I did weekly updates and mileage updates along with entering our clean boats, clean waters data in swims. Sara and I also sorted out the shipment of towels for the fourth of July to individual lake groups. The last part of the day was spent getting supplies needed from Menards.

6/25/2015: Today was spent doing lake monitoring with Steph and I on Spur lake and Rice lake.

6/26/2015: This morning I went to Crescent Lake to get a yellow iris sample for the Shoreline program on Friday at Virgin Lake. I also stopped at the phragmites site on hwy 8 to get a picture of the site after the hwy department finally removed all the debris that was left from removal. I then met Sally by Minocqua lake to give her towels needed to hand out for the fourth of July. I spent a few hours in Minocqua going to businesses for donations towards the banquet in August for the lake volunteers (I

stopped at 9 businesses). The rest of the day was spent updated my phrag report and working on monitoring reports from yesterday.

6/27/2015: Sara, Michele, and I did Shoreline Adventures on Virgin Lake from 1-3pm. During the morning we gathered materials to prepare for the afternoon.

6/28/2015: OFF

6/29/2015: CBCW

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## **Sara Mills**

Weekly updates for 05/17/15 to 05/23/15

### **Sunday May 17<sup>th</sup>**

Off

### **Monday May 18<sup>th</sup>**

Off

### **Tuesday May 19<sup>th</sup>**

I updated the bait shop contact list from the previous year and gathered supplies to bring when delivering license holders. I had a weekly meeting with Michele and Stephanie to plan the upcoming week. I made a calendar of scheduled fishing tournaments in Oneida County this summer so that we can schedule our Clean Boats, Clean Waters hours around the tournaments. I updated the Oneida County AIS website with Samantha Zommer's bio and additional information on rusty crayfish, flowering rush, and curly leaf pondweed. I printed 200 Eurasian water-milfoil vs Northern water-milfoil identification cards and cut 100 of them.

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

I had a meeting with Michele, Stephanie, and Sam about general office things, our upcoming events, and to welcome Sam to our team. Sam and I distributed fishing license holders to bait shops and stores in Minocqua, Hazelhurst, and Rhinelander. I updated the Oneida County AIS website with poster contest winners and the winning video, an update NR 40 document, and CBCW forms. I finished cutting the remaining 100 EWM vs NWM identification cards.



**Thursday May 21<sup>st</sup>**

Stephanie, Sam, John Preuss from Lumberjack RC&D cleared the remaining phragmites from the stand on HWY 8 near the golf course. Michele, Stephanie, Sam, and I met with the students from Mrs. Werner and Mrs. Hunter's classes and showed them the first place video from the AIS poster/video contest. I call libraries in Northern Wisconsin to see if they would showcase winning posters from the contest. I made a thank you letter to send to the poster contest judges.

**Friday May 22<sup>nd</sup>**

I performed Clean Boats, Clean Waters watercraft inspections at the Willow Flowage.

**Saturday May 23<sup>rd</sup>**

I performed Clean Boats, Clean Waters watercraft inspections at the Sand/Dam landing and the new landing in town on the Wisconsin River.

**Sunday May 24<sup>th</sup>**

I performed Clean Boats, Clean Waters watercraft inspections at the Willow Flowage.

Weekly updates for 05/24/15 to 05/30/15

**Sunday May 24<sup>th</sup>**

I performed Clean Boats, Clean Waters watercraft inspections at the Willow Flowage.

**Monday May 25<sup>th</sup>**

Off

**Tuesday May 26<sup>th</sup>**

Off

**Wednesday May 27<sup>th</sup>**

Steph, Sam, and I had a meeting with Michele to discuss plans for the week. I updated my weekly updates and mileage. I added my CBCW data into the SWIMS database. Sam and I got ice cream treats for a party at James Williams Middle School for our poster contest winner. Sam and I took pictures and scanned the winning posters from the poster contest. Sam and I went to the airport to get ice packs but the shipment wasn't in yet.

**Thursday May 28<sup>th</sup>**

Michele, Steph, Sam, and I went to Boom Lake with Mrs. Werner's 5<sup>th</sup> grade class for AIS fun day. We took the kids on the boat to look at plants in the water and do a spiny water flea tow. They did shoreline restoration with native blue flag iris to replace the invasive yellow iris. Sam and I videotaped the kids



making PSAs for our Facebook page about invasive species. Sam and I went back to the airport to get the ice packs.

**Friday May 29<sup>th</sup>**

Sam and I went to Pelican Lake to teach the 3<sup>rd</sup> graders about aquatic invasive species and showed them samples. We worked on laminating posters for the poster contest and got them ready to send out to libraries. I worked up more updates.

**Saturday May 30<sup>th</sup>**

I performed Clean Boats, Clean Waters watercraft inspections at Boom Lake.

Weekly updates for 05/31/15 to 06/06/15

**Sunday May 31<sup>st</sup>**

Off

**Monday June 1<sup>st</sup>**

Off

**Tuesday June 2<sup>nd</sup>**

Michele, Steph, Sam, and I had a weekly meeting to discuss the next coming weeks. Sam and I updated our fishing tournament schedule from the DNR. I entered my CBCW data in SWIMS and wrote my weekly update. Sam and I made press releases for the posters contest winners. We organized, counted, and boxed ice packs and fishing license holders for the lake associations that asked for them.

**Wednesday June 3<sup>rd</sup>**

Steph, Sam, and I went to the DNR/Boom Lake/Hodag Park for training on how to identify invasive plants on the shoreline, how to conduct zebra mussel samples, spiny water flea tows, and point intercept surveys, and how to operate DNR equipment such as the trailers, boats, and power washer for decontamination.

**Thursday June 4<sup>th</sup>**

Sam and I fixed the posters and got them ready to be sent out to local libraries. We made a spreadsheet of what lakes have been monitored by us, the DNR, and GLIFWC in 2012, 2013, 2014, and scheduled for 2015. We found prices for lanyards, sunglasses, drawstring backpacks, floating keychains, and window clings for possible outreach material purchases. We ordered 266 lanyards.

**Friday June 5<sup>th</sup>**

I performed CBCW watercraft inspections at the Sand/Dam boat landing.

**Saturday June 6th**

Steph, Sam, and I were at Family Fishing Fun Day at Hodag Park from 9 until 12. We brought the supplies back to the office. I performed watercraft inspections at the Sand/Dam boat landing.

Weekly updates for 06/07/15 to 6/13/15

**Sunday June 7<sup>th</sup>**

Off

**Monday June 8<sup>th</sup>**

Off

**Tuesday June 9<sup>th</sup>**

Sam, Steph, and I cleaned up some dead crayfish specimens while Michele and Jonna laughed at us. Michele, Steph, Sam, and I had a meeting to discuss what we were going to do in the next weeks. We also went over all the forms we have to complete throughout the summer during monitoring and other projects. I wrote my weekly update and entered data into the SWIMS database. I wrote a summary for Family Fishing Fun Day. Sam and I went to Menards to get spray bottles and cleaning supplies. We went to the DNR to give Sandy Wickman some chemicals from the office and pick up sterile bottles for lake monitoring. We went to the airport to check the number of boxes of ice packs left. We made a logo for the window clings.

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

Sam and I updated the Oneida County website. We made a test survey for Shelley Lehman's class to use at the boat landing. We tested the hot spot to make sure the survey would function in the field. We updated the Oneida County LWCD facebook and website with information for educator workshops, the drain campaign, and the Hazlehurst fair. We finished making the design for the window clings and we priced out the buoy floating keychains.

**Thursday June 11<sup>th</sup>**

Michele, Steph, Sam, and I had a meeting in the morning to catch up on what we need done during the next week. Sam and I updated the survey for Shelley Lehman's project. Sam and I picked up ice packs from the airport. I worked on making a brochure for four prohibited species on the NR-40 list that are in the area. Steph, Sam, and I gathered supplies for the Hazlehurst fair.

**Friday June 12<sup>th</sup>**

I performed CBCW watercraft surveys at the Sand/Dam landing.



**Saturday June 13<sup>th</sup>**

I performed CBCW watercraft inspections at the Sand/Dam landing with volunteer Ed Weise. Ed worked with me from 8 to 10am.

Weekly updates for 06/14/15 to 06/20/2015

**Sunday June 14<sup>th</sup>**

Off

**Monday June 15<sup>th</sup>**

Off

**Tuesday June 16<sup>th</sup>**

I performed Clean Boats, Clean Waters watercraft inspections at Stack's Bay in Minocqua.

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

Michele, Steph, Sam, and I had a team meeting about upcoming events, projects, and monitoring. Sam and I cleaned out our new garage (G1), moved in our stuff from the stairwell, cleaned out the stairwell, and made an inventory listing the supplies in our garage.

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

Jean, Ben, Jonna, Michele, Steph, Sam, and I had a meeting about office policies and crisis management. Sam and I went to the phragmites patch on HWY 8 to clean it up with the Highway Department, but the Highway Department had insufficient staffing and tools to help us with our project. I updated our AIS website. Sam and I looked up fishing tournament schedules for the summer. We updated our previous lake monitoring reports to be organized for Land Info's online map. We looked up possible ways to live stream video to classrooms for our WEEB grant.

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

I performed CBCW watercraft inspections at the Sand/Dam landing.

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

I performed CBCW watercraft inspections at the Sand/Dam landing.

Weekly updates for 06/21/2015 to 06/27/2015

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

Off

**Monday June 22<sup>nd</sup>**

Off

**Tuesday June 23<sup>rd</sup>**

Michele, Steph, Sam, and I had a meeting to discuss upcoming projects. I updated my CBCW data on the SWIMS database. I wrote my weekly update for the previous week and updated my mileage. Steph, Sam, and I monitored the phragmites site on HWY 8 W and went to the highway department to get our



donated canoe. Sam, Steph, and I got our lake monitoring equipment from the garage. Sam and I counted our shipment of towels and separated them for lake groups. We went to Menards to get more equipment for the office.

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

I went to Crescent, Manson, and Hancock lakes to get plant samples for our event on Friday. I made maps for all of the bridges for bridge snapshot day and documented their GPS coordinates.

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

I finished documenting GPS coordinates for the bridges. Steph and I did lake monitoring on Sunset Lake.

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

Michele, Sam, and I went to Virgin Lake for Adopt-a-Shoreline day with their lake association.

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

I performed Clean Boats, Clean Waters watercraft inspections at Stack's Bay on Minocqua Lake.

Weekly updates for 06/28/2015 to 07/04/2015

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

Off

**Monday June 29<sup>th</sup>**

Off

**Tuesday June 30<sup>th</sup>**

Sam and I updated our weekly reports, updated our mileage, and updated our data in SWIMS. I wrote a summary for the lake monitoring on Sunset Lake. Sam and I went to Menards to get supplies. We went to the phragmites site to do more monitoring.

## **Yellow Flag Iris (*Iris pseudacorus*) - The Happy Intruder**

Stephanie Boismenu, AIS Project Assistant  
Oneida County Land and Water Conservation Department



It's hard to imagine that such a pretty and happy yellow flower, which grows in dense mats along shorelines, streams, ponds, wetlands, bogs, swamps, marshes, forest, dry uplands, water gardens, and ornamental gardens, is actually an incredibly aggressive invasive species!

On Thursday June 19th, Alyssa Nycz and I got to see firsthand how this beauty has become an intruder. We put the canoe in at Stacks Bay on Lake Minocqua and paddled east to where the Highway 47 Bridge crosses the lake's thoroughfare. As we rounded the last corner, I gasped as we got our first glimpse of the invasion. The Yellow Iris was so dense on the south side, that all the native aquatic vegetation was gone. Yes, you read correctly, gone - completely displaced!



We paddled up next to the stand and were amazed by the fact that they almost towered over us and were growing in water depth of at least 4 feet. Obtaining a plant sample by its roots/tubers improved my learning curve. First off, it was growing in such deep water that I could not reach far enough to touch its base. I grabbed the stalk as far down as I could and gave it several tugs, but it felt like it was rooted in concrete. Finally, after several tries, I was able to obtain the entire plant including its tuber. The difficulty I had obtaining a sample affirmed that the Yellow Flag Iris means business when it plants its roots in the aquatic substrate.



If you have this plant growing on your property, please dig it out (if shoreline disturbance will be minimal), including the tubers, dispose of it in a garbage bag and plant a native iris or other native plant in its place. If plants are stabilizing your shoreline, please remove seed pods only and contact the Oneida County Land & Water Department. Please be cautious of plant sap and tissues which may cause skin sensitivity.

### **Facts about Yellow flag Iris (*Iris pseudacorus*).**

- Other names for this plant include: Yellow iris, Water flag, European yellow iris, Pale-yellow iris.
- It is a showy perennial plant that is a native to Eurasia.
- Ecological threat: Yellow flag iris can produce many seeds that can float from the parent plant or, plants can spread vegetatively via rhizome fragments.
- Once established it forms dense clumps or floating mats that can alter wildlife habitat and species diversity.
- All parts of this plant are poisonous, which results in lowered wildlife food sources in areas where it dominates.



- This species has the ability to escape water gardens and ponds and grow in undisturbed and natural environments. It can grow in wetlands, forests, bogs, swamps, marshes, lakes, streams and ponds.
- Dense areas of this plant may alter hydrology by trapping sediment.

#### Identification:

- **Leaves & stems:** Broad, sword-shaped leaves grow upright, tall and stiff. They are green with a slight blue-grey tint and are very difficult to distinguish from other ornamental or native iris species. Flowers are produced on a stem that can grow 3-4 feet tall amongst leaves that are usually as tall or taller.
- **Flowers:** Showy and variable in color from almost white to a vibrant dark yellow. Flowers are between 3-4 inches wide and bloom from April to June. Three upright petals are less showy than the larger three downward pointing sepals, which may have brown to purple colored streaks.
- **Fruits & seeds:** Seeds are produced in fruits that are 6-angled capsules, 2-4 inches long. Each fruit may have over 100 seeds that start pale before turning dark brown. Each seed has a hard outer casing with a small air space underneath, which allows the seeds to float.
- **Roots:** Thick, fleshy pink-colored rhizomes spread extensively in good conditions, forming thick mats that can float on the surface of water.
- **Similar species:** When not flowering, yellow flag iris could be easily confused with the native blue flag iris (*Iris versicolor*) as well as other ornamental iris that are not invasive. Blue flag iris is usually smaller and does not tend to form as dense clumps or floating mats. When not flowering or showing fruiting bodies, yellow flag iris may be confused with other wetland plants such as cattails (*Typha* spp.) or sweet flag (*Acorus* spp.) species.

#### Control:

- **Mechanical:** Small populations may be successfully removed using physical methods. Care should be taken if hand-pulling plants as some people show skin sensitivity to plant sap and tissues. All parts of the plant should be dug out – particularly rhizomes and disposed of in landfill or by burning. Cutting the seed heads may help decrease the plant spreading.
- **Chemical:** Aquatic formulas of herbicides may be used to control yellow flag iris, however, permits will be needed (contact WDNR). Foliar spray, cut stem/leaf and application and hand swiping of herbicide have all shown effectiveness.

Resources: <http://dnr.wi.gov/topic/Invasives/fact/YellowFlagIris.html>



**2B. Distribute and install AIS educational materials. (\$2,170.00)**

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. Some additional stickers ('Fishing with Bait' and 4" CBCW) were ordered in 2014 to replace depleted stock. Stickers were distributed at over 16 local businesses, multiple lake fairs, the Oneida County Fair, and lake association meetings. 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. LTE mileage expenses were incurred (see tab 2A).

'Real-estate' type signs (purchased in 2013) continued to be displayed at landings, right-of-ways, and lake events. These signs are used 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 pens, can koozies, silicon wristbands, and napkins with the 'Stop Aquatic Hitchhikers' logo. These materials were handed out at workshops, lake events, classrooms, and other community events.

LWCD continues to loan out 8 of 10 portable signs that were purchased in 2010. Lake groups continue to use these signs at landings and 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:**

Napkins-	\$1294.45
Pens-	\$ 260.47
Koozies -	\$ 97.65
Wristbands-	\$ 224.70
<b>Total</b>	<b>\$1877.27</b>



Received June 30-2014

6/27/2014 8:25:01 AM

Wisconsin Department of Natural Resources  
Packing List

Page 5

Order No: 538038  
Order Dt: 6/27/2014

Customer No: 208490

Order Entered By: PUTNAM  
Completed On: 06/27/2014 08:03:44AM

MICHELE SADUASKAS (ONEIDA COUNTY LAND & WATER CONSERVATION)  
1 SOUTH ONEIDA AVE. ONEIDA CTY COURTHSE, 2ND FLOOR  
RHINDELANDER 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.
208, H7M01	200	200 ✓	FH-240 FISHING WITH BAIT (REV 2013) SHIPPED AS ORDERED.	
372, F5T03	200	200 ✓	WT-828 CLEAN BOATS CLEAN WATERS 4 INCH STICKER (50 PER ROLL) ORDER BY NUMERICAL QUANTITY INCREMENTS OF 50 SHIPPED AS ORDERED	

**Bait Shop Contact Information – Updated 2014**

<b>Bait Shop</b>	<b>LTE that Contacted Bait Shop</b>	<b>Date Bait Shop was Contacted</b>	<b>Reason Bait Shop was Contacted</b>	<b>Response of Bait Shop (positive/negative)</b>	<b>Additional Notes</b>
BP Gas Station 9578 County Road K Tomahawk, WI 715-282-5696	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked AIS brochures, put draining campaign sign on cooler
Intercity Oil 6995 Hwy 51 Hazelhurst, WI (715) 356-4857	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked AIS brochures, put draining campaign sign on cooler
Rollie and Helen's Musky Shop 7542 Hwy 51 Minocqua, WI (715) 356-6011	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked AIS brochures, put draining campaign sign on cooler
Kurt's Island Sport Shop 824 Hwy 51 Minocqua, WI (715) 356-4797	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler



Marathon Intercity Oil 8654 Hwy 51 Minocqua, WI (715) 356-6102	<b>TEMPORARILY CLOSED DUE TO CONSTRUCTION WORK</b>				
J & J Sports 7197 Hwy 47 Lake Tomahawk, WI (715) 277-2616	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked AIS brochures, bait shop already had draining campaign sign
Kracker Barrel Gas Station N11790 County Road L Tomahawk, WI (715) 453-5888	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked AIS brochures, put draining campaign sign on cooler <b>This was not on the original list, but it was on my way to Chuck's Sport Shop.</b>
Chuck's Sport Shop 630 N. 4 <sup>th</sup> Street Tomahawk, WI (715) 453-3101	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked AIS brochures, put draining campaign sign on cooler
Aquatic Arts Fishing Pro Shop 601 N. 4 <sup>th</sup> Street (715) 453-5397	Alyssa	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Put draining campaign sign on cooler <b>This was not on the original list, but it was across the street from Chuck's Sport Shop.</b>

West Side Shell 1999 River Street Rhineland, WI (715) 369-3132	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler
BP Gas Station 669 W Kemp Street Rhineland, WI	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler
Marathon Gas Station 605 W Kemp Street Rhineland, WI	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler
The Bait Shoppe (inside of Hodag BP gas station) 2141 Lincoln Street Rhineland, WI (715) 362-3363	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler
The Fishing Hole 3460 N. Faust Lake Road Rhineland, WI (715) 362-1510	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler



Sugar Camp Midway Station 6345 Hwy 17 Rhineland, WI	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler
Shell Gas Station 1742 Superior Street Three Lakes, WI	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked some AIS brochures, put draining campaign sign on cooler
Jokin' Joes Bait & Tackle 1674 Superior Street Three Lakes, WI (715) 546-3776	Sara	05/29/14	Hand-out draining campaign advertisements to place on coolers, refill stock of AIS pamphlets	Very friendly	Restocked AIS brochures, bait shop already had draining campaign sign

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

The Oneida County LWCD hosted the following CBCW workshops during the 2014 season:

April 29, 2014-	Rhineland	43 attendees
May 20, 2014-	Minocqua	12 attendees
May 28, 2014	Three Lakes	12 attendees

Additionally, three informal CBCW workshops were held at lake landings or community centers. These workshops were condensed in nature, but gave each participant hands-on field work.

May 21, 2014-	Lake Thompson	3 attendees
June 21, 2014-	Little Bearskin	5 attendees
September 20, 2014	Lake Nokomis	10 attendees

Due to finding multiple workshop kits during our office move to Oneida County Courthouse, purchasing additional kits for 2014 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-	\$ 33.97 CBCW #1
	\$ 14.56 CBCW #2
	\$ 17.72 CBCW #3
Misc. supplies-	<u>\$ 55.00</u>
<b>Total</b>	<b>\$121.25</b>



**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

Oneida County Courthouse  
1 S Oneida Street  
Rhinelander, Wisconsin 54501  
Phone (715) 365-2750  
Fax (715) 365-2760

*Jean Hansen*  
County Conservationist

*Michele Sadauskas*  
AIS Coordinator

*Kerri Ison*  
Administrative Assistant

April 8, 2014

## NEWS RELEASE

**TO:** Local Area Media

**FROM:** Michele Sadauskas  
Oneida County AIS Coordinator  
715-369-7835

### **CLEAN BOATS, CLEAN WATERS (CBCW) WORKSHOP OFFERED**

A free CBCW workshop, hosted by the Oneida County Land and Water Conservation Department is planned for Tuesday, April 29, 5 p.m. - 7:30 p.m. The workshop will be held in the Oneida County Courthouse, Committee Room Two, 2<sup>nd</sup> Floor. If you often wonder how you can help stop the spread of AIS, this workshop will show you how!

The workshop will introduce volunteers to a NEW FORM and a NEW APPROACH to talk with boaters. Participants will receive information on AIS identification, instructions on how to organize an effective volunteer watercraft inspection program, and get a chance to critique a practice interview. A local warden from the WDNR will also be on hand to answer any law enforcement questions pertaining to AIS. Seating is limited so register soon.

To register please contact the Oneida County Land & Water Conservation Department at 715-365-7835, or email Michele Sadauskas, Oneida County AIS Coordinator at [msadauskas@co.oneida.wi.us](mailto:msadauskas@co.oneida.wi.us).

For more information on the CBCW program, visit <http://www.uwsp.edu/cnr/uwexplakes/cbcw>.

X X X

## **CBCW Workshop May 20**

Minocqua, WI 1:00 p.m. to 3:30 p.m.

Minocqua Community Center, Boardroom, 2<sup>nd</sup> Floor

### **Time (approximate)**

**1:00-1:45**

**Registration/Species Identification  
--Sandy Wickman**

**1:45-2:00**

**Introductions**

**2:00-3:00**

**CBCW Presentation & Discussion  
--Michele Sadauskas & Stephanie Boismenu**

**3:00-3:30**

**Wrap-up, questions, comments**



## **CBCW Workshop April 29**

**Rhineland, WI      5:00 p.m. to 7:30 p.m.**  
**Oneida County Courthouse, Committee Room #2, 2<sup>nd</sup> Floor**

### **Time (approximate)**

**5:00-5:45**

**Registration/Species Identification**  
**--Sandy Wickman**

**5:45-6:00**

**Introductions**

**6:00-7:00**

**CBCW Presentation & Discussion**  
**--Michele Sadauskas & Stephanie Boismenu**

**7:00-7:30**

**Wrap-up, questions, comments**

**CLEAN BOATS, CLEAN WATERS TRAINING SIGN-IN SHEET**

**Workshop Sponsor: Lake Nokomis Lake District**

**Workshop Host: Oneida County LWCD**

**Workshop Location: Nokomis Town Hall**

**Workshop Instructor: Stephanie Boismenu, AIS Program Assistant**

**Workshop Organizer: Mike Beals**

**Workshop Date: Saturday September 20, 2014**

**Workshop Start and End Time: 10:00am to 11:30am (1.50 hours)**

	Name	Please sign or initial to check-in	Lake and county monitored	Email address	Mailing address
1	See attached sign- in sheet	10 volunteers attended			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					

**Total Volunteer Hours for Sponsor: 15 hours**

**Total Value of Hours at \$12.00/hour \$180.00**



Lake Nokomis CBCW Training at Nokomis Town Hall.

10:00-11:30 CB/CW CLASS 9/20/14

- 1- Trina Ford
- 2- Margo Rempert
- 3- Dick Rempert
- 4- JANE WISNIEWSKI
- 5- Ron Wisniewski
- 6- Judy Bauman
- 7- Sam Bauman
- 8- Mike Seals
- 9- Jackie Fikus (JACKIE FIKUS)
- 10- Jerry Mamey

~~TRINA FORD~~  
~~DICK MARGO REMPERT~~  
~~RON JANE WISNIEWSKI~~  
~~JUDY SAM BAUMAN~~

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**CLEAN BOATS, CLEAN WATERS TRAINING SIGN-IN SHEET**

Workshop Location Pelican Lake

Workshop Date: June 20, 2014

Workshop Host Oneida County LWCD

Workshop start and end time 3:00 p.m. 4:00 a.m.

	Name	Please sign or initial to check-in	Lake and county monitored	Email address	Mailing address
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# CBCW Workshop May 28

Three Lakes, WI 5:00 p.m. to 7:30 p.m.

Reiter Center

1858 South Michigan

## Time (approximate)

5:00-5:45

Registration/Species Identification

--Sandy Wickman

5:45-6:00

Introductions

6:00-7:00

CBCW Presentation & Discussion

--Michele Sadauskas & Stephanie Boismenu

7:00-7:30

Wrap-up, questions, comments

**2D. Host one Citizen Lake Monitoring Network (CLMN) workshops. (\$1,006.00)**

Over the years CLMN attendance has been decreasing steadily in Oneida County and LWCD found the need to 'change it up'. Therefore in 2014, LWCD decided to engage lake groups in 'individual lake' monitoring events. Each event had a 'classroom' experience (typically held in or around a lake association member's home), and a field experience (floating classroom). LWCD experienced fantastic attendance, engaged participants, and received rave reviews from the host organizations.

Lake George (Lake George Association)	June 23, 2014	9 attendees
Virgin Lake (Three Lakes Waterfront Association)	July 10, 2014	30 attendees
Indian Lake (Indian Lake Association)	July 23, 2014	7 attendees

**Expenses:**

**Invasive species teaching kit \$57.07**

Some mileage was incurred (mileage included in tabs 2A and appendix E).

# Community Partnerships, Education, and Outreach

## 3 AIS Floating Classrooms (Lake groups provide the pontoons, we provide the education)

**Lake George:** Michele and Stephanie teamed up with Sandy Wickman (WDNR) to assist the Lake George Lake Association with their first-ever Lake Sweep. 9 association members participated in this hands-on AIS floating classroom, which provided AIS training, aquatic plants ID, and monitoring for the presence/absence of Eurasian water-milfoil and Curly leaf Pondweed. Two bonuses: No AIS were found and the event helped fulfill a grant requirement.



Lake sweep on Lake George

**Virgin Lake:** Michele, Steph, and Sandy assisted the Three Lakes Waterfront Association with their Adopt-A-Lake Lake Sweep, held on Virgin Lake. Over 30 members participated in this fun and social hands-on AIS floating classroom. The group learned how to identify native and non native aquatic plants, monitor their shoreline for AIS, and viewed Virgin Lakes EWM from the water surface.

**Indian Lake:** Sara and Steph provided AIS training to 7 members of the Indian Lake Association. This floating classroom included how to monitor their lake for the presence/absence of AIS and how to perform CLMN baseline water quality monitoring. This training helped fulfill a component of the Indian Lake Management Planning Project.

## More Opportunities to Reach the Public

7 organizations invited the AIS Team to speak at their meetings or events. A grand total of 610 participants were in attendance and learned about the hottest AIS topics, outreach, and how we can work together to stop the introduction and spread of AIS.

5 Additional events, including fairs and picnics, provided a great opportunity for the AIS Team to showcase the AIS educational displays and the AIS see-and-touch table. The hands-on tools were a hit, providing entertainment and education to all ages!





## Adopt-A-Shoreline AIS Workshop



## Hands-On AIS Training Held on Virgin Lake

On July 9th, Michele Sadauskas, the Oneida County AIS Coordinator conducted a workshop on Virgin Lake. Attended by over thirty Three Lakes residents, the workshop provided a real hands-on opportunity to learn how to identify Eurasian Water Milfoil. Additional instruction on the broader spectrum of invasive species was also covered by Michele and her staff. Thanks to Virgin Lake Adopt-A-Shoreline Captains Bob & Barb Borek for hosting event.



Two similar workshops are being planned for the summer of 2015. The training sessions will be open



to Adopt-A-Shoreline monitors, but more importantly, all Three Lakes residents will be welcome and encouraged to attend. As the threat of AIS continues to grow, the need to be informed is a responsibility we all share.

## Rapid Response to Suspected EWM Infestation on Medicine Lake

## Identifying Eurasian Water Milfoil Can Be Confusing

By Larry Swanlund

The job of telling the difference between our native Northern Water milfoil and the invasive European Water milfoil (EWM) can be a challenge - even for the professionals. Recently, crews from Onterra, LLC, the aquatic specialists we work with heard from volunteers on Medicine Lake that there were suspicious looking milfoil plants in a bay on Medicine Lake. As it turns out, the Onterra crew had observed these plants the previous day during part of their scheduled survey of the lake and they had field identified them as the native Northern Water Milfoil.



Field identification of milfoil species, especially hybrid varieties, can sometimes be problematic. The Onterra team decided to send specimens showing characteristics of EWM to the Robert B. Annis Water Resources Institute at Grand Valley State University in Michigan for DNA testing. The results are in and the good news is the specimens submitted were identified as native Northern Water Milfoil.

While the results are comforting to those working diligently to manage/eliminate EWM found in our chain of lakes, it does point out the difficulty that the many volunteers who work on this endeavor have in identifying the difference between the two species. To that end, there are free tools available from the TLWA to help with field identification of EWM. A phone call to any TLWA Board member or Lake Captain can provide identification tools plus additional help from a variety of resources.

This case is a great example of how volunteers and fast-responding professionals working together got accurate, timely information about a potential EWM "hotspot". In this case the good news is it was not EWM. Had this been an actual EWM discovery, the TLWA would have initiated a quick-reaction protocol to define the size of the infestation, isolate the area and begin control measures.



**2E. Present to schools to promote prevention of AIS. (\$408.00)**

In 2014, the Oneida County AIS Team participated in multiple events that centered on students.

***May 22, 2014, Ecotrek.***

This every-other-year event is held at Kemp Natural Resource Station in Lake Tomahawk. Approximately 70 students rotated through 7 stations. Our team brought AIS samples, lake monitoring tools, and discussed AIS prevention steps with the students. Please see attached write-up on the event.

***May 23, 2014, CAVOC 3<sup>rd</sup> grade field event.***

Four classes (est. 50 students) of 3<sup>rd</sup> graders attended a field event at CAVOC (Cedric A. Vig Outdoor Classroom) on May 23, 2014. This is the 5<sup>th</sup> year the Oneida County AIS Team has participated in this event. The students rotate through 3-4 water-related educational stations. Please see attached write-up on the event.

***June 5, 2014, Hodag Park event with Mrs. Werner's 4<sup>th</sup> grade class.***

Mrs. Werner's 4<sup>th</sup> grade class (24 students) 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 an on-shore AIS learning station.

***June 6, 2014, CAVOC 4<sup>th</sup> grade field event.***

Approximately 132 4<sup>th</sup> graders attended this event. Our team discussed what invasive species are, how they get here, and how to prevent AIS from spreading. We brought microscopes, tools of the trade, and live specimens. Please see attached write-up on the event.

***June 8, 2014, Family Fishing Fun Days.***

The Oneida County AIS Team manned an educational booth that welcomed over 200 registered youth. Microscopes, live specimens (both animal and plant), wildcards, stickers, tattoos, and other giveaways were on hand. Please see attached write-up on the event.

***Classroom visits*** occurred on May 14, 2014 and Oct. 17, 2014 to Mrs. Werner's 4<sup>th</sup> grade class (Central Intermediate). These visits provided additional classroom learning experiences for restoring AIS-affected landscapes and research methods for 'Worm Watch' at local landings.

***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 (seed collecting, 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 4<sup>th</sup> grade class. Each student was able to ask an AIS question *on air*, and Sadauskas and Page (W.H.I.P. coordinator) then answered *on air*! This has turned out to be a huge success for 2 years running!

**Expenses:**

Pontoon rental--                      \$200.00

Minor expenses for realized for printing/supplies/mileage. Please see Appendix G.

Sara Mills

### **Summary for CAVOC with 4<sup>th</sup> Graders (6/6/2014)**

Michele and I attended an event at CAVOC with 4<sup>th</sup> graders. There were approximately 132 kids at CAVOC. We had 8 rotations for about 25 minutes with around 15 to 20 kids in each rotation. Other rotations included tree identification, TIS, geology, games, book read aloud, water safety, and healthy summer snacks. Michele and I started by asking the group what invasive species are and how they got here. A few kids in each rotation were from Mrs. Werner's class that we had just talked to the day before at Boom Lake, so we let them teach the other kids what Aquatic Invasive Species are and why they're bad. We showed the kids water that we got from Boom Lake and how we used the zebra mussel net to get the water. We passed bottles of the Boom Lake water around and then put some under the microscope to show them what exactly is in the water to emphasize that we should drain all the water from our boats because we don't know what's in it. The kids really loved the microscopes and the nets. I think it really captured their attention and showed them what could be hiding in our lake water that we can't see.

We then passed around samples of zebra mussels and asked them why we don't want to spread zebra mussels. Most kids didn't know what they were but Mrs. Werner's class automatically knew and told us all about them. Then we showed them a live native clam that Michele found on her drive in. The kids really loved seeing the live clam. It also helped us show them that we do have native species of clams and that not all clams are bad to the environment.

By this point we usually ran out of time but if we hadn't, we would talk to the kids about spiny water fleas and show them a sample of it under the microscope. It was hard to find them/get them into focus on the microscope but once we found them and had them clear on the projector, the kids would go crazy. They were very large on the projector and their legs and eye and spine were very intimidating. It was a great visual for the kids to remember since spiny water flea isn't talked about very often.

Once we were done with the presentation we handed out pencils and temporary tattoos. The kids loved getting the tattoos. It was probably the highlight of the presentation for them.

A rusty crayfish might have been nice to bring with but we have had problems with bringing crayfish to other events because the kids would be so distracted by it that we couldn't talk about anything else. If it's brought in the future, it should only be presented at the very end of the presentation or hope is lost and those kids won't pay attention again.

This event was a lot more structured than previous events at CAVOC. All groups had at least one adult present. Adults communicated well with each other to let us know how much time we had left since the schedule was changed a little due to a presenter (the weatherman) being late.



Sara Mills

## 2014 CAVOC with 3<sup>rd</sup> Grade Students Summary

The CAVOC event was held on May 23<sup>rd</sup>. Stephanie, Alyssa, and I ran our station. We had around 10-12 kids in 30 minute rotations and we had 4 rotations. We showed the kids specimens of a sea lamprey, rusty crayfish, spiny water flea, New Zealand mud snails, Eurasian water milfoil, weevils, and zebra mussels.

We asked the kids if they lived on a lake, fished in a lake, or swam in a lake, and then asked what they want the water to be like in these lakes. They would answer that they want clean water and then we showed them illustrations of the effects that invasives have on our lakes which makes them less clean. We explained each invasive species while passing around specimens.

After we were all out of material to talk about and the kids didn't seem to have any more questions, we handed out temporary tattoos of invasives and played a game with them.

We had heard from the previous year that the rusty crayfish game didn't work very well so we adapted a game in case we needed to fill the time. One or two kids would be invasives species and they would run and tag the other kids. Once another kid was tagged, her or she became an invasive species and continue tagging other kids until everyone was an invasive species. The game showed the kids how fast invasives can overtake an environment once they are established.

Overall, the event seemed very unstructured. We had heard in previous years that it was so we prepared for that. We were the first ones there and other people didn't show up until a minute before the kids came. According to the kids, the adults there weren't teachers, they were volunteers. The first couple groups of kids were well behaved and paid attention but as the day went on, the kids were less well behaved. The final group did not have an adult and we often had to reprimand the kids when they were misbehaving. This group lasted more than the scheduled 30 minutes so we tried to fill the extra time with the game but the kids kept asking us what they were doing next and when they got to eat and we didn't know that information to answer them.

I also found that the kids paid far less attention if we had all of our specimens on the table when they showed up. When the first few groups showed up, we didn't have the specimens shown and we pulled them out individually as necessary to our presentation. When the next groups came we had all the specimens lying on the table and it distracted the kids a lot. We would try to talk about Eurasian Water-Milfoil and they were completely distracted passing around a rusty crayfish.

The kids were very interested in the specimens especially the rusty crayfish and the sea lamprey. They loved to hold them and pass them around. Having the specimens really helped them understand what we were explaining to them. Since they had little to no knowledge of invasive species, having the specimens was a huge help. They could understand how zebra mussels are spread through attaching to things when they're holding a jar of zebra mussels attached to a rock.



Alyssa Nycz  
2014 EcoTrek Summary

This year's EcoTrek was held on Thursday, May 22<sup>nd</sup> from about 8:00 am to 2:00 pm at the Kemp Research Station. During this time, we spoke with seven groups of approximately ten seventh grade students from the Minocqua school district. Each session was about thirty minutes in length.

For each group of students, we spread out a variety of materials including AIS samples, lake monitoring tools, and pictures of the harmful effects of AIS. We began each session by asking how many students in the group lived on a body of water. We followed this question by asking how many of these students like to either swim or fish in local lakes. As expected, an overwhelming majority of the students responded "yes" to our questions. Afterwards, we asked how many students were familiar with AIS. A number of students were somewhat familiar with the term, but many did not have detailed knowledge of common AIS affecting our local waters.

Since we wanted students to walk away with both a better understanding of common AIS in Northern Wisconsin and techniques that they themselves could use in the future to prevent the spread of AIS, we continued the session with an explanation of our AIS samples. We began with Eurasian Water Milfoil, pointing out the differences between this and Northern Water Milfoil. We stressed that there are a number of native species of water milfoil, but that EWM has no natural predators to stop its spread. We explained exactly how EWM spreads as well as how it changes a lake's ecosystem. Additionally, we passed around a container of weevils and briefly explained how these, along with chemical treatments and manual removal, are the current methods utilized to control the spread of EWM.

We also explained the lifestyle and negative effects of zebra mussels. We stressed that while zebra mussels are not currently found in Oneida County, their next closest location is only seven miles from the Oneida County border. We passed around juvenile and adult samples as well as a picture that Michele had which shows a hunting dog covered in zebra mussels. This picture was really effective in demonstrating to students how humans and their pets directly contribute to the spread of AIS.

Following our descriptions of EWM and zebra mussels, we gave shorter explanations of AIS including spiny water fleas, rusty crayfish, and New Zealand mud snails. We passed around specimens to show students how AIS vary greatly in nature.

Once we were confident that students had a basic understanding of the common AIS in our Wisconsin waterways, we explained the prevention steps that these students could take with their families to stop the spread of AIS. We talked about how boats, trailers, anchors, and fishing lines can transport AIS from lake to lake, so it is now required by Wisconsin Law to remove any plant or animal species from one's boating equipment when leaving a boat landing. Mud may also carry small AIS, so we asked students to remember to clean this off of boating equipment as well. Finally, we explained why it is necessary to drain live wells when exiting a body of water, and we gave a brief description of the new live bait laws in Wisconsin.

Provided that there was extra time once all of the previous information was shared with students, we allowed students to use our AquaScope by the water's edge. About half of the students had used an AquaScope before in one of their biology classes. We also

brought a Secchi disk and a sampler plate used to measure the density of zebra mussels in a lake.

Overall, the event ran smoothly. Our station was set up by the lake, so we were very cold, but students paid attention and were engaged in our presentation.



Alyssa Nycz  
Family Fishing Fun Days  
2014 Summary

This year's Family Fishing Fun Days was held at Hodag Park on Saturday, June 7<sup>th</sup> from 9:00 am to noon. We set up our booth using two tables under the pavilion. We also hung up the white Oneida County Land and Water Conservation Department sign behind our tables. We had two tri-folds to display pictures of the effects of AIS on local lakes. Additionally, we covered the tables with some of the equipment used to collect AIS samples from waterbodies. For the kids, we gave out AIS pencils and bags filled with stickers, tattoos, wildcards, bobbers, and pens. We did not end up using the button-maker, as there were enough buttons left from last year's event for the kids to choose from. Adults were able to pick up a variety of AIS brochures.

What the kids really enjoyed seeing at our table was the aquarium, which we filled with two live rusty crayfish, Chinese mystery snails, banded mystery snails, native snails and mussels, and Eurasian Water Milfoil. We also filled a large tub with city water and a couple of snails so the kids could use the Aquascope. The water from Boom Lake was too dark to use the Aquascope with in the bucket.

Unfortunately, we were only able to stay at the event for the first two hours, as we had storms on the way. It was too windy to keep our AIS equipment secure under the pavilion, so we packed up early and finished the day with Clean Boats Clean Waters hours. Overall, we recommend using as much hands-on equipment as possible for the kids to enjoy. The aquarium and Aquascope were big hits, and the kids loved the goodies they could take home. The pre-made buttons seem to be a better idea than the button-maker, as a lot of parents were in a hurry to complete all twenty stations, but their rush may also have been a result of the weather. Had we had more accommodating weather on the day of the event, we would have likely seen many more kids than the thirty or so that we talked to.

Alyssa and Sara  
Mrs. Werner's Class Activity

**Group 1**  
**Aquatic Invasive Plants**

**Purple Loosestrife**

Ask: What do you know about it?

Our facts:

- Came from Europe
- Grows in wetland areas
- Grows up to 2 meters or 6.5 feet long!
- 1 plant can produce more than 2 million seeds per year!
- Seeds can still grow after being in the soil for years
- These plants choke out native plants by taking all of their nutrients

**Curly Leaf Pondweed**

Ask: What do you know about it?

Our facts:

- Came from Europe and Asia
- Can grow even in low temperatures and low light
- Has leaves that are wavy like lasagna noodles
- Has small teeth on the edges of each leaf
- Can grow to be 10-12 feet long
- Can grow beneath 20 inches of ice
- Forms in clumps that choke out native aquatic plants

**Eurasian Water-Milfoil**

Ask: What do you know about it?

Our facts:

- Came from Europe and Asia
- Can grow in water depths of up to 20 feet
- Will form thick mats that choke off native plants and fish
- Typically has a red stem
- Has more than 12 pairs of leaflets
- Small pieces of this plant will form a new colony
- Restricts activities such as boating and swimming

## Group 2

### **Aquatic Invasive Animals**

#### **Zebra Mussels**

Ask: What do you know about it?

Our facts:

- Came from Russia
- Finger-nail sized
- Females can produce 100,000-500,000 eggs per year!
- Clog motors
- Pile up on beaches
- Eat food that other small animals and fish need to survive

#### **Chinese Mystery Snails**

Ask: What do you know about it?

Our facts:

- Came from Asia
- Thrown in lakes from aquariums
- Can grow up to about 2.4 inches long
- Can cause diseases in a human's intestines
- Competes with native snails and fish for food

#### **Banded Mystery Snails**

Ask: What do you know about it?

Our facts:

- Came from other areas of the United States
- Can grow up to 1.8 inches long
- Have 4 dark-colored bands
- Can host parasitic worms
- Eat fish eggs

#### **Rusty Crayfish**

Ask: What do you know about it?

Our facts:

- Came from other areas of the United States
- Has a red-colored spot on each side of its back
- Very aggressive, so other fish can't eat them
- Eat many native plants which destroys fish habitats



### **Group 3**

#### **Inspect and Remove AIS!**

Ask: What do you think that you can do to stop the spread of aquatic invasive species?

Our facts:

- Many aquatic invasive species attach to boats, trailers, and fishing equipment.
- They can get stuck in motors.
- They can also attach to anchors and fishing line.
- It's hard to tell which plants and animals are invasive, so please remove everything from boating equipment!

For picture:

Draw a large diagram of a boat, trailer, and some fishing equipment. Tape the invasives on some of the places you might find them.

#### **Group 4**

#### **Drain live wells and bait buckets to stop the spread of AIS!**

Ask: Why do you think that we need to drain live wells and bait buckets?

Our facts:

- This way, we won't be transferring water from one lake to another.
- Some invasive species can be spread in water.
- Examples are:
  - VHS
    - This is a disease.
    - Fish with VHS look like they're bleeding and have bulging eyes.
    - VHS doesn't hurt people, but will kill fish.
  - Spiny Water Fleas
    - These are tiny aquatic insects.
    - They can also be transferred inside of fish.
    - They have sharp barbs on their tail that prevents small fish from eating them.
    - They compete with other insects and small fish for food.
- The Draining Campaign is from June 13<sup>th</sup> to 14<sup>th</sup>.
- Fishermen will be given ice packs to keep their fish cold!

**2F. Purple Loosestrife biocontrol project and workshop. (\$310.00)**

In 2014, LWCD managed Purple Loosestrife (PL) in Oneida County with various control methods. Unlike 2013, not enough public interest was received to hold a 2014 PL workshop. But, this did not stop LWCD staff from continuing to perform control methods and educational outreach on PL.

Staff transplanted PL plants into containers, collected beetles, grew beetle stock, and distributed the beetles to 6 locations in Oneida County. Additionally, staff removed single and small groups of plants in 7 locations, and clipped PL blossoms in 3 locations.

**Expenses:**

Supplies	\$3.29
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Date	Site	Latitude	Longitude	Beetles	Pulling/Clipping	Extra Comments
7/16/2014	Little Carr across from Big Carr Landing	45.79678	-89.623721	4 plants		Many plants spread across the lake edge.
7/16/2014	Channel Road	45.829337	-89.369868	5 plants		
7/16/2014	Corner of 45 and Old 45 Road	45.64836	-89.12757	3 plants		
7/16/2014	Spring Lake Road	45.638424	-89.401346	1 plant	7/31/2014	Clipping didn't seem necessary, all plants were dead
7/16/2014	Shepherd Street	45.637813	-89.403297	1 plant		
7/19/2014	Footbridge by Quality Inn	45.63382	-89.433607	1 plant	7/31/2014	Too many plants to clip everything
7/28/2014	HWY 47 before Fawn Lake Road	45.732592	-89.544634		See Below*	6 plants. Possibly same sites as other HWY 47 sites
7/28/2014	HWY 47 before Fawn Lake Road	45.732618	-89.546081		See Below*	10-12 plants
7/28/2014	HWY 47 before Wolf Road	45.755831	-89.574589		See Below*	1 plant east side of road
7/29/2014	Wildwood Wildlife Park	45.883506	-89.740443		7/31/2014	2 plants on N side of rd near culvert (many more were clipped)
7/29/2014	Old HWY 70 close to storage units	45.884324	-89.733914			1 plant on edge of pond Along road between storage units and 9998 old HWY 70
7/29/2014	Old HWY 70 close to storage units	45.883756	-89.73421			1 plant, same area as above
7/29/2014	Old HWY 70 close to storage units	45.883617	-89.735029			1 plant, same area as above
7/29/2014	Old HWY 70 close to storage units	45.883561	-89.735589			3-4 plants, same area as above
7/29/2014	Old HWY 70 close to storage units	45.88361	-89.73391			2-3 plants along pond near storage units
7/31/2014	HWY 47 by bar*	45.73247496	-89.54607868		7/31/2014	
7/31/2014	HWY 47 before Wolf Road*	45.75579493	-89.57450078		7/31/2014	
7/31/2014	Corner of Shady Rest and HWY 8 W	45.56815941	-89.62919845		7/31/2014	
7/31/2014	Manson Lake Shore	45.56796043	-89.63099408		7/31/2014	
8/1/2014	Stack's Bay Landing	?	?		8/1/2014	
8/12/2014	By the native plant store at HWY 17 and CTH A	45.78774013	-89.31967932		evaluated 8-28-2014. Biocontrol for 2015.	Very large stand on both sides of the road including behind the native plant store stand 10' x 20'. Homeowner near bed was not pleased we were clipping blossoms. She stated she has transplanted some along her garage.
8/12/2014	Across from Lar-Son's Roofing on HWY 17	45.69649427	-89.3520955		Clipped. 8/28/2014	
8/12/2014	Across from Grace Church on HWY 17	45.67514563	-89.37441278			
8/12/2014	Left of McNaughton Lake Landing	45.74715872	-89.58398505		8/12/2014	

**3A. Create and distribute an end-of-year report (\$105.00)**

Beginning in 2014, Oneida County LWCD created and distributed an 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.

Some expenses for printing were incurred (see appendix G).



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

**Aquatic Invasive Species Program**

**SPECIAL EDITION**  
**2014 - A YEAR IN REVIEW**



**EXCITING NEWS** is buzzing around Oneida County. For the first time in over 10 years, no new occurrences of the most unwanted aquatic invasive species (AIS) were discovered in any of Oneida County's waterbodies during 2014. HOOORAY!

This is a win-win situation for both the people and the waterbodies of Oneida County. Why? Because when introduced to a new lake or river, AIS negatively affects aquatic ecosystems by threatening the diversity and abundance of native species, altering habitats, fisheries, and decreasing ecological stability. In addition, AIS adversely affect humans by decreasing natural beauty, creating economic losses through management and control costs, hindering or preventing recreational activities, and decreasing recreational and tourist revenue.

This successful milestone was made possible because of the stewardship efforts of :

- **Clean Boats, Clean Waters (CBCW) volunteers**
- **Citizens Lake Monitoring Network (CLMN) volunteers**
- **Lake associations**
- **Teachers and students**
- **Bait shop dealers**
- **Marinas**
- **Social and news media**
- **Recreational users**
- **And the many partners with whom we work side by side!**



**Oh, What a Summer it Was!** 2014 was a busy year for the Oneida County AIS Team; Michele Sadauskas and AIS Project Assistant's Stephanie Boismenu, Sara Mills, and Alyssa Nycz, as they raised the bar to protect our waterbodies from AIS! But, before I go any further, I'd like to highlight some numbers: The AIS Team monitored **33** lakes, attended **40** events, reached **7,746** people, with an additional **421,865** people potentially reached via media communications. That's a whopping total of **429,611** contacts.

So, what do all of these numbers mean? They refer to the countless projects which took the team into the field to identify, map, monitor, and manage aquatic invasives. Fairs and picnics provided an opportunity for the team to showcase an AIS See-and-Touch table, which proved to be a fun and valuable educational tool for all ages. The team educated school groups about invasive species and helped the students create public service announcement videos about AIS. They held Clean Boats, Clean Waters workshops, provided technical assistance, outreach, and so much more. So sit back and enjoy this special edition newsletter as it will give you a glimpse of how the Team raised the bar to protect our waterbodies from AIS.



# 2014 – A Banner Year for Clean Boats, Clean Waters Watercraft Inspections

From April 21st to September 20th, Oneida County AIS Project Assistants Alyssa, Sara, and Stephanie, visited **29** high traffic boat landings to raise awareness of AIS concerns, inspired boaters to prevent the introduction and spread of AIS, and assisted boaters with their watercraft inspections. Here is a look at the AIS Team's watercraft inspection efforts over the last 5 years, and needless to say, 2014 was a banner year!

AIS Team's Watercraft Inspections	2014	2013	2012	2011	2010
Hours spent	642	444	616	384	645
Boats inspected	2,098	853	1,144	482	1,134
People contacted	5,027	1,908	2,660	1,045	1,961

The AIS Team performed watercraft inspections at the following boat landings:

Boom Lake  
Buckskin Lake  
Clear Lake  
Crescent Lake  
Gilmore Lake  
Hancock Lake  
Julia Lake  
Katherine Lake  
Kawaguesaga Lake - Dam Road  
Lake Minocqua - Stack's Bay

Lake Minocqua - Park Street  
Lake Nokomis - Hwy N  
Lake Thompson  
Little Bearskin Lake  
Madeline Lake  
Manson Lake  
North Nokomis Lake  
Pelican Lake - CTH G  
Pelican Lake - Keelers Landing  
Pickerel Lake

Rainbow Flowage - CTH J  
Rainbow Reservoir - CTH D  
Sand Lake  
Squaw Lake  
Squirrel Lake - Carter Rd  
Squirrel Lake - Kobart Rd  
Stella Lake  
Townline Lake  
Willow Flowage #1- Dam Rd

## CBCW Workshops Review

**93** people attended one of our 9 CBCW workshops last year. The CBCW program is an opportunity for concerned citizens to take a front-line defense against the spread of AIS. Adults and youth are trained to organize inspection programs, educate boaters about how invasive species become hitchhikers, and inspect watercrafts and equipment for hitchhikers.



If you are interested in becoming a CBCW volunteer, please contact Michele Sadauskas, Oneida County's AIS Coordinator at 715-369-7835.



# Community Partnerships, Education, and Outreach

## 3 AIS Floating Classrooms (Lake groups provide the pontoons, we provide the education)

**Lake George:** Michele and Stephanie teamed up with Sandy Wickman (WDNR) to assist the Lake George Lake Association with their first-ever Lake Sweep. 9 association members participated in this hands-on AIS floating classroom, which provided AIS training, aquatic plants ID, and monitoring for the presence/absence of Eurasian water-milfoil and Curly leaf Pondweed. Two bonuses: No AIS were found and the event helped fulfill a grant requirement.



Lake sweep on Lake George

**Virgin Lake:** Michele, Steph, and Sandy assisted the Three Lakes Waterfront Association with their Adopt-A-Lake Lake Sweep, held on Virgin Lake. Over 30 members participated in this fun and social hands-on AIS floating classroom. The group learned how to identify native and non native aquatic plants, monitor their shoreline for AIS, and viewed Virgin Lakes EWM from the water surface.

**Indian Lake:** Sara and Steph provided AIS training to 7 members of the Indian Lake Association. This floating classroom included how to monitor their lake for the presence/absence of AIS and how to perform CLMN baseline water quality monitoring. This training helped fulfill a component of the Indian Lake Management Planning Project.

## More Opportunities to Reach the Public

7 organizations invited the AIS Team to speak at their meetings or events. A grand total of 610 participants were in attendance and learned about the hottest AIS topics, outreach, and how we can work together to stop the introduction and spread of AIS.

5 Additional events, including fairs and picnics, provided a great opportunity for the AIS Team to showcase the AIS educational displays and the AIS see-and-touch table. The hands-on tools were a hit, providing entertainment and education to all ages!

