

Emerald Ash Borer is here in Community



Emerald ash borer (*Agrilus planipennis*) is an invasive, wood-boring beetle that kills ash trees (*Fraxinus spp.*) by eating the tissues under the bark. Native to northeastern Asia, emerald ash borer (EAB) was first detected in the United States in 2002 and is thought to have been introduced from China via the wood from shipping crates.

For a number of years SMC forestry and ecology staff have been monitoring the spread of Emerald Ash borer in the state and formulating management plans to address the loss of this resource. Unfortunately, there is no silver bullet in this respect to eradicating the problem. The Tribal Council with guidance from staff and the forestry committee has implemented an expediated harvest initiative in stands with large components of Ash, in an attempt to recoup the financial loss imposed by this invasive species.

Once the borer is
Ash cont on page Four:



Aurora is the Collections and Project Coordinator at the Stockbridge-Munsee Library/Museum. Working in a small museum means she wears a number of hats and finds herself taking on new projects every day. She does a variety of tasks including collection cataloging, caring for cultural objects, grant writing, and helping patrons with research. In addition, she is working on several projects in conjunction with the rest of the cultural affairs team to promote the Library/Museum as well as the spread of important cultural knowledge to both members of the tribe and those who are interested in learning more about the Stockbridge-Munsee community.

Aurora grew up in Freedom, WI approximately fifteen minutes away from the Oneida reservation. She is an only child but is very close with her parents and
Aurora cont on pg Five:

Stockbridge-Munsee community is encouraged by changes in federal repatriation rules

New England Public Media
 | By [Nancy Eve Cohen](#)
 Published January 25, 2024 at 8:00 AM EST



Photo courtesy of Nancy Eve Cohen/NEPM

The remains of a native woman that had been dug up in Holyoke more than 100 years ago, and donated to Mount Holyoke College, were secured in this building, a storage space at the Joseph Allen Skinner Museum, off campus. They were kept there in a wooden box while the college and tribal nations worked on the repatriation process. In October 2021, the ancestor

was moved out of the building and brought to the Nipmuc Nation for reburial. New federal rules went into effect earlier this month that govern the return of the remains of Native people and objects to tribes. Bonney Hartley of the Stockbridge-

Rules cont on page Five:

Memory Program Outing



The Stockbridge-Munsee Memory Program group went on their first 2024 Memory Café trip this past Monday, February 12th to the Kaukauna Library. The group was invited to join a Memory Café that was hosted by Susan McFadden Professor Emerita of Psychology, author of seven books and co-founder of the Fox

Valley Memory Project. The Kaukauna Library used to actually be the old Thilmany paper mill that was created in 1889 and one of our elders who joined us on our trip used to work at the mill years ago as one of the machine operators.

It was just seven years ago that the city of Kaukauna
Memory cont on pg Five:

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National Nutrition Month 2024: Beyond the Table March is National Nutrition Month and this year theme is Beyond the Table. This is a great time to reevaluate your eating habits and relationship with food and see if there are any changes you can implement.

Start with a healthy eating routine, this mean including nutritious foods and drinks on a regular basis. This approach to eating is not a fad diet, instead it's a lifestyle that incorporates food preferences, budgets, cooking skills and traditions.

Food prices now more than ever are sky rocketing, so how can you maintain a healthy eating routine and maintain your budget? Doing things like planning ahead, shopping sales and clipping coupons, eating seasonally to get the best prices and the best products, and sticking to your list. Also, learning and applying cooking and food

preparation skills so you can buy in bulk and break down or simply make your own versions of pre-made favorites.

Practicing food safety can also help keep everyone at home safe and keep you on track with your eating habits. Implementing practices such as washing your hands before preparing and eating food, cleaning surfaces used for food preparation both before and after. Keep raw foods separate from already cooked foods. This may mean using two separate knives or cutting boards during cooking. Cooking foods to the correct temperatures and temping foods throughout the cooking process with a thermometer. Also, refrigerating foods right away to avoid the "DANGER ZONE". This is the temperature zone where bacteria multiply at a faster rate. Food needs to be put away within two hours.

So, what should your

healthy eating habits look like? Well, variety is the key. Eating a variety of foods from all food groups including fruit, vegetables, grain, proteins and dairy products if you are able. Each of these food groups provides different nutrients to our body and this is why its best to eat from all food groups throughout your meals and snacks during the day. This also allows you to include your favorite cultural foods and traditions. Foods can be consumed in various forms as well, such as fresh, frozen, canned and dried. Try different recipes with different ingredients and use what is available locally or in season for best results! Lastly, eat with the environment in mind when possible. See what's available at your local farmers markets or sourced locally from your grocery store. Get creative and repurpose leftovers to avoid throwing food away, enjoy plant-based meals

and snacks throughout the week, grow foods at your home or in a community garden and enjoy seasonally or preserve for use throughout the rest of the year.

Wishing you a Happy National Nutrition Month ahead!

Casey Rosenberg, MS, RD, CD, CLS

Attention

From the PRC Department: If you are referred out from SMHWC PRC department and receive a bill for services covered by the referral, please submit ALL Bills received to the PRC department for payment as soon as possible to avoid any delays in payment.

If you have any questions regarding this matter, please contact:

Kasha Coyhis, PRC Manager 715-793-5011

CJ Komanekin, PRC Assistant 715-793-3015

Ronni James PRC Assistant 715-793-5010

Express your thoughts and opinions. Let your voice be heard. We welcome your letters to the Editor and the Community.

Community Voices

Letters of opinion can be dropped of at Mohican News in the Tribal Offices or can be mailed to:

Mohican News

N8480 Moh He Con Nuck Road
PO Box 70

Bowler, WI 54416

e-mail: mohican.news@mohican.com

Please type your letters or print clearly and include your signature, address, and daytime phone number. Letters must be 500 words or less. All letters are subject to editing and may require confirmation. Some may be rejected due to inappropriate content as deemed by our editorial board. The views of our readers are not necessarily the views of the Mohican News, its staff, or the Stockbridge-Munsee Tribe.

STOCKBRIDGE-MUNSEE
COMMUNITY
Band of Mohican Indians

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Stockbridge-Munsee Community

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Mohican News welcomes articles, letters, photographs, and any publishable items of interest to Native Americans. All materials to be returned should be accompanied by a return self-addressed envelope with sufficient return postage.

A one-year subscription rate is \$12.00 for 24 issues. Send check or money order to *Mohican News*.

Mohican News is a member of:
NAJA (Native American Journalist Association)

STOCKBRIDGE-MUNSEE COMMUNITY Band of Mohicans

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LENAPEHOKING PROJECT: YOUTH WANTED

Join us in the Youth Advisory Group! We're looking for youth (14-24) to participate in historical revitalization of the Lenape culture. Program will include meetings every other Friday, monthly stipend of \$342 per person, learning about and participating in historical preservation. Meeting people working in different fields of historical preservation. Meeting youth from other Lenape Tribes and events with local community leaders that are working on historical preservation; including a trip to the homelands. This exciting program is the initial run that will lead the way a fellowship to come.

Only 10 participants will be accepted. **MUST BE SUBMITTED BY 03-08-24.**
Contact to apply:
Trinity Malone (715) 793-4807
Trinity.Malone@mohican-nsn.gov
JaNi Webster (715) 793-4080
Janiyakuha.Webster@mohican-nsn.gov

Please utilize the QR code below to apply for the program.



CALL FOR ART

Koonumunthe / Koolamansi, Curator Tamara Aupaumut is looking for Stockbridge-Munsee Mohican artists to submit pieces for a Fall 2024 exhibition "People of the Waters That Are Never Still: A Celebration of Mohican Art and Culture" in collaboration with the Albany Institute of History and Art (AIHA) in Albany, NY.

Theme: Art must be relevant to the five traditional senses (sight, smell, taste, touch, hearing), but also the less traditional senses (intuition or extrasensory perception, magnetoreception associated with mostly animal/bird relatives, time, etc.). A wide variety of contemporary art is welcome, including – traditional art forms, painting, drawing, photography, sculpture, ceramics, poetry, filmmaking/videography, sound installations, musical instruments, regalia, etc. Please submit up to five pieces for consideration. Send images of the

work labeled with the title. Include a list of submissions with the title, medium, size. Feel free to share a short description of the work. To be eligible you must be Stockbridge-Munsee Mohican, either enrolled or recognized as a descendant. Work must be original and created by you.

Work must be available by July 2024. Projected exhibition dates are: Sept 14-Dec 31, 2024

Art will not be listed for sale. If someone asks about purchasing a piece the AIHA will put the collector in contact with you.

Please email all submissions with subject ART CALL to: mohicanartcall@gmail.com

All submissions need to be received no later than March 4, 2024. I will confirm receipt of all submissions. Please let me know if you have questions! I'm happy to help if you want to brainstorm, bounce ideas off of me, or are looking for some direction.

Oneewe/Anushiik

IN THE MATTER OF THE ESTATE OF: Dawn Kay Miller (D.O.B. 01/06/2024) Case No. : 2024 PR 0001

Notice to Creditors

A Petition has been filed and accepted for administration of the estate of the decedent, whose date of birth was November 12, 1955 and the date of death was January 6 2024. The decedent died located in Shawano County in the State of Wisconsin, with an address of: W9923 County Road VV, Gresham WI 54128.

1. The Petition will be heard at the Stockbridge-Munsee Tribal Court, located in the Tribal Office Building on the Reservation in Bowler, WI, before Chief Judge Marianne Higgins, on May 16, 2024 at 10:00 AM and when scheduled thereafter.

You need not appear unless you object. The Petition may be granted if no objection is made.

2. Creditors' claims must be filed with the Stockbridge-Munsee Clerk of Court on or before May 15, 2024 by 3:00 PM

3. This notice shall be published for two (2) consecutive issues in the Mohican News Dated this 15th day of February, 2024

Legal Notice

CIVIL SUMMONS

In RE the Best Interest of: M.W.M. (D.O.B.: 10/25/2018)

Case No. 2024-CU-0001

Anita Mihtukswun

Petitioner,

Dylan T. Waupoose,

Respondent.

YOU ARE HEREBY NOTIFIED THAT a Civil Complaint has been filed against you.

YOU ARE INSTRUCTED TO FILE A WRITTEN ANSWER to the Complaint within Twenty (20) days of the date this Summons and attached Complaint were served upon you. The answer must be filed with the Tribal Court at the Stockbridge-Munsee Tribal Offices at N8476 Moh He Con Nuck Road, Bowler, WI 54416, and a copy must be delivered or sent to the plaintiff or his/her attorney.

IF YOU FAIL TO ANSWER the complaint within the Twenty (20) days of the date you were served, a JUDGMENT OR DEFAULT maybe entered and the plaintiff maybe awarded the relief asked for in the complaint. DATED: February 1, 2024



CRIBBAGE FUNDRAISER

In memory of Anita Powers, a Navy veteran and original WWII member of WAVES



DATE:
13 APRIL 2024



TIME:
12:00 PM - 4:00 PM
(LUNCH 12:00 PM - 1:00 PM)



Elks Lodge 0259
3195 S Ridge Rd, Green Bay

REGISTRATION

\$50 REGISTRATION FEE
FOR TEAM OF 2
REGISTRATION ENDS APRIL 6TH

INCLUDE BOTH NAMES & MAKE CHECK PAYABLE TO -

AMERICAN LEGION POST 539
P.O BOX 725 GREEN BAY, WI 54305

Registration ticket includes a ticket for lunch and a beverage. Cash prize for cribbage winner.

50/50 raffle, and auction items.

All proceeds will go to Post 539 to support children and youth activities in Anita's name.



Ash cont from pg One: established it has been projected a 98-100% loss of the Ash component to a stand within 6 years on average. Without harvesting that monetary component is lost as well. Within the last few years, we have seen pockets of infestation within the Tribes original boundaries and suspected it was just a matter of time before we saw die back on Tribal property. That inevitability has come to fruition with the first documented spot located on Tribal lands along Fairview Road as well as an area around Big Lake and Pine Hills Golf Course.

White and Black Ash make up 6% of our commercial forest. The Tribe and Department have taken up a seed saving initiative that will ensure the genetic variant unique to this region will be saved for future re-establishment once this threat is over. When might

that be? Unfortunately, we can't predict at what time in the future this may come to pass, but ongoing research in this field may yield some answers soon. There is currently some success in treating individual trees with a pesticide that prevents the bore from killing the tree. This is more conducive to yard trees or small areas and not an option for commercial stands of timber. There have also been some studies for introducing a natural deterrent such as a native wasp that targets the larvae of the beetle. All of these possibilities will be monitored by forestry staff moving forward. What can you do? The Tribe strongly suggests firewood doesn't leave the reservation as it quickens the spread elsewhere. There is a strong likelihood that our infestation was caused by firewood brought in from the outside.



Figure 1 Infected Trees/w bark flaking from bird peck.



Figure 2 Bore channel beneath bark.

On the Trail Home



Wayne J. Malone Sr, Wayne J. Malone Sr, age 73, of Bowler, passed on to the other side and started his journey on Sunday evening, February 4, 2024, at his home.

Wayne was born on July 2, 1950, in Antigo, a son of the late Henry and Sophrona (Doxtator) Malone. He attended high school in Milwaukee. Following high school, he went to technical college and learned how to weld. He then moved to Florida where he worked for several years. Wayne later found his place and has resided on the Stockbridge Munsee reservation for over thirty years. He earned is Bachelor's Degree and served as the Stockbridge Munsee Clerk of Courts for over 15 years. Wayne was known for always being willing to help others. Wayne was an avid Green Bay Packer fan. He

loved to fish, grill, and sing his folk songs.

Survivors include his eight children, Robert (Angie) Jacobs of Lapwai, ID, Wayne Malone Jr of Wisconsin Rapids, Tara Jacobson of Duluth, MN, Rachel Howes of Superior, Justin Coon of Ozaukee, Martin Malone of DeFuniak Springs, FL, Destiny Malone of Fond du Lac, and Lena Malone of Bowler; sister, Lois Siim of Green Bay. He is further survived by numerous grandchildren, great-grandchildren, nieces, nephews, relatives, and friends. Wayne was preceded in death by his soul mate, Cheryl Jacobs; daughter, Naomi Malone; two brothers, Otho and John Malone; and four sisters, Donna, Brenda, Velma, and Eleanor.

Traditional funeral services for Wayne were held on Thursday, February 8, 2024, at the Red Springs Town Hall. Mr. Scott R. Vele officiated. Burial is in the Red Springs Cemetery, Town of Red Springs. Visitation was held at the Red Springs Town Hall until the time of service.

Mickelson Funeral & Cremation Service, Inc. is assisting the family with arrangements. Please share online condolences at www.mickelsonfs.com.

PURCHASED/REFERRED CARE REMINDER

If you receive emergency room care, you must call the ER notification line at **1-877-898-4154** within 72 hours or 30 days for elders or disabled with the following information:

1. Patient name
2. Name of hospital
3. Date of service
4. Reason for visit
5. Ambulance, if applicable
6. Additional information

Thank You, PRC Staff

Rules cont from pg One: Munsee Community Band of Mohican Indians said the new regulations show more deference to tribal perspectives.

A summary of the rules published in the federal register said museums «must defer to the Native American traditional knowledge of lineal descendants, Indian Tribes, and Native Hawaiian organizations.» The Native American Graves Protection and Repatriation Act was signed into law in 1990, but today the remains of more than 96,488 Native people are still on museum shelves, including 58 unearthed in Massachusetts. Thirty-nine of those were taken from their graves in Franklin, Hampden and Worcester counties, according to a National Park Service database.

Hartley, the Stockbridge-Munsee tribal historic preservation officer, pointed out aspects of the new rules that she finds encouraging: a five-year deadline requiring museums to comply, the elimination of the label “culturally unidentifiable” and a shift that allows one line of evidence to show ancestors are affiliated with a tribe, such as the

geographic location of where they were dug up. Hartley said in the past some institutions required multiple lines of evidence.

“We would often say, ‘well, why is someone unidentifiable if you know where they were taken from? And we know that’s where we lived, then there’s a reasonable basis that that person could be from our tribe. And we’d like to respectfully return them and rebury and affiliate,” she said.

Hartley said these changes reflect a push to fulfill the purpose of NAGPRA.

“Overall, there’s more of a tone throughout the regulations of ‘get this done. Get the ancestors off the shelf. This never should have happened,” she said. In addition, the new regulations require museums “to obtain free, prior and informed consent” from lineal descendants and tribes before allowing exhibition, access or research on human remains or cultural items.

Hartley said the Stockbridge-Munsee Community Band of Mohican Indians have helped repatriate 3,008 ancestors and currently they are working on bringing approximately another 2,300 home.

Aurora cont from pg One: Aurora considers herself to be a very creative person and has a variety of hobbies including painting, crafting, and quilting. Her creativity often extends beyond art as she cooks often, coming up with her own recipes as she goes. Her favorite foods include most East Asian cuisine, anything with fresh mozzarella or parmesan, roasted veggies, and traditional Wisconsin fish fry. When she isn’t creating something, you can find her doing yoga, going out to eat with friends, or doing a puzzle.

Aurora is a recent graduate of the University of Wisconsin Stevens Point with a B.S. in history along with a minor in museum studies and a certificate in Native American and Indigenous Studies. In the future, she aims to receive a graduate degree in either public history or library and information science.

During Aurora’s time in college, she was involved in numerous internships related to her current career path. In the summer of 2021, she was the naturalist intern at 1000 Islands Environmental Center where she spent most of her time giving tours and teaching children how to go crayfishing in Konkapot Creek.

In Aurora’s junior year of college, 2022 to 2023, she worked for UWSP as the history department intern. Here, she was able to assist the School of Humanities and Global Studies administrative specialist with planning and executing the UWSP regional National History Day competition. In addition, she created an informational bulletin board about the university’s new Native American and Indigenous Studies program.

The following summer, Aurora held an internship position at the Oneida Nation Museum where she worked with the collections, attended various cultural events, and observed the initial planning stages for the new Oneida Nation Museum location.

However, Aurora says that by far her favorite activity is learning. She is an avid reader and researcher, often finding herself digging into a variety of topics.

She is currently very interested in how religious ideologies shaped scientific advancements in astronomy, medicine, and biology/ecology. (If you have any book, documentary, or podcast recommendations on these topics, send her an email at aurora.schmit@mohican-nsn.gov.)

One of her favorite ways to take in new information is podcasts. Her favorite podcasts at the moment are Ologies with Alie Ward and Morbid hosted by Alaina Urquhart and Ash Kelley.

Memory cont from One: decided to turn the structure, which had been shut down, into their public library and was able to restore and keep a lot of the mill’s originality.

If you or someone you know is living with memory loss or any type of Dementia (Alzheimer’s) and would like to join the program, please contact Briana Terrio at 715-793-3035.

Purchased Referred/Care

If you are referred from SMHWC to an outside provider and your appointment changes, please inform Referrals or PRC about the change. Failure to do so may result in denied claims.

Thank You,

PRC Staff

REFERRALS

Joan Olson- Referral Case Manager 715-793-4102

Sarah Miller-Referral Specialist 715-793-5077

PURCHASED REFERRED/CARE (PRC)

Kasha Coyhis- PRC Manager 715-793-5011

Ronni James- PRC Assistant 715-793-5010

CJ Komanekin- PRC Assistant 715-793-3015



Dear Gresham Scholarship Fund donors,
Our 20th annual scholarship fundraising banquet is fast approaching. This year the banquet will be held on **Saturday, March 23, 2024 at The Many Trails Banquet Hall**, near Gresham, with doors opening at 4:30 p.m. for the reception and raffle ticket sales. Dinner is at 6:00 p.m. followed by a short program along with raffles and auctions.

The raffles and auctions help provide the funds for scholarships for graduating seniors of the Gresham Community School and community scholarships for adults. The items for the raffles and auctions are provided by the generous donations of businesses and individuals such as yourself. Would you be interested in making a donation to be used as a door prize, raffle or auction item?

When you make a donation your name and/or business name will be printed in our banquet program booklet. An acknowledgement of your donation will still be printed in the banquet program if we know by March 19th.

The generosity of businesses and individuals like yourself, help to make each banquet successful and we are truly grateful for your support. The money raised has helped many students continue their education with the scholarships that are awarded.

If you are willing to donate to help this banquet be successful, feel free to contact any of the board members listed below. We will plan for pickup if needed. Feel free to contact us if you have any questions. A receipt letter for tax purposes will be provided after the banquet. We would also encourage you to attend the banquet. An invitation with details will be printed in our March newsletter.

Thank you - Gresham Scholarship Fund Board of Directors,
Bob Klopke - call 715-787-3386 or email at rklopke@charter.net;
Curt Knoke - call 715-853-3888 or email at curtknoke@icloud.com;
Denise Huntington - call 715-853-7676 or email at bants8614@gmail.com;
Esther (Huntington) Schutt – call 715-304-9574 or email at esterschutt70@gmail.com;
Andrea Quinney - call 715-853-8736 or email at aquinney@abbybank.com
Anne Boucher – call 715-787-3313 or email at amboucher27@yahoo.com;
Jennifer Hoffman – call 715-853-9481 or email at jensearch79@gmail.com;
Adam Carroll - call 715-851-4343 or email at acarroll@cityofshawano.com;
Sande Barton - call (757-353-9351) or email at sandra.barton@mohican-nsn.gov;
Carl Barton - call (757-572-6731) or email at bartoncvn73@yahoo.com

Gresham Scholarship Fund 20th Annual Banquet

Saturday March 23rd, 2024

The Many Trails Banquet Hall – Pine Hills
Golf Course
Gresham, Wisconsin

Time: 4:30 P.M. Reception and Raffle Ticket Sales
6:00 P.M. Dinner

Program: Marshall Venz – Gresham School
Counselor/Teacher

Please check one of the following:

_____ Table Sponsorship
(\$700 total includes \$350 for table of eight and \$350 for sponsorship). Sponsorships received by March 15th will be listed in the program.

_____ \$350 Table of eight

_____ \$80 per Couple

_____ \$40 Single

_____ \$25 I would like to sponsor a graduate's Banquet meal.

_____ I am unable to attend but would like to make a donation of \$_____

Name: _____

Company: _____

Mailing Address: _____

Address (cont.): _____

Telephone: _____

Reservations are on a first come first served basis. Reservations received by March 12th will be mailed, those received after that date will be held at the door.

Tickets for the event WILL NOT be available at the door;

you must have a paid reservation by March 13th.

Make checks payable to **Gresham Scholarship Fund** and mail to:

Gresham Scholarship Fund Banquet
P.O. Box 102
Gresham WI, 54128

Any questions - please contact: Bob Klopke (715) 787-3386

RECOVERY OF THE NORTH BRANCH EMBARRASS RIVER

BY: ALEX BRAUER,
STOCKBRIDGE-MUNSEE
COMMUNITY TRIBAL
HYDROLOGIST

On May 16th, 2023, an unfortunate water contamination event took place in the North Branch of the Embarrass River. A call was made shortly after the discovery by Stockbridge-Munsee Community (SMC) Ecology Department staff to the Wisconsin Department of Natural Resources (WDNR) water staff and wardens.

To help summarize the events following the discovery of the contamination, the following is a timeline of events, as well as a summary of data collected by the SMC Ecology Department:

May 16th, 2023 –

12:52 – SMC Ecology Dept. staff noticed unusual water conditions during their routine EPA 106 water quality sampling at NBEMR01 (sampling site on N. Branch Embarrass River, Figure 1). At the time, unusual cloudiness was recorded as well as a dissolved oxygen (D.O.) level of 4.60 mg/l. This D.O. level was the lowest ever recorded by SMC at NBEMR01. Bacteria, total suspended solids, and

total phosphorus samples were collected at this time. Strange was the fact that no precipitation had occurred within the last three and a half days to wash anything into the river.

Approx. 13:15 – SMC Ecology Dept. staff drove to Bowler to investigate stream crossing at County D heading south out of Bowler (next to 4-H fishing hole). Stream conditions appeared to be the same as at NBEMR01.

Approx. 13:30 – SMC Ecology Dept. staff drove past Henning Creek (Henning1) and noted that water looked normal flowing under County A.

15:03 – SMC Hydrologist contacted DNR staff to alert them of the water conditions on the North Branch Embarrass River (NBEMR) near Bowler. Message left. Initial emails sent.

15:12 – Received call back from DNR Water Resource Management Specialist. Described water conditions, concern for aquatic life, areas checked. WDNR staff mentioned they were going to try and get someone out to the area still that afternoon, but for sure someone by the morning of May 17th.

May 17th, 2023 –

06:25 – SMC Hydrologist receives call from SMC Warden, reporting fish kill on NBEMR.

07:30 – 08:50 – SMC Ecology Dept. staff resample NBEMR01 as well as four other sites higher in the NBEMR watershed.

Approx. 09:00 – SMC Ecology Dept. staff meets WDNR Warden in Bowler and shares water condition information recorded on May 16th, 2023.

Approx. 09:15 – 10:00 – SMC Ecology Dept. staff check Bowler ranger station for signs of dead fish, none found.

Approx. 10:00 – SMC Ecology Dept. staff meet with WDNR Warden and WDNR Wastewater Specialist to discuss possible contamination entry points. It was suggested by SMC Ecology Dept. staff that Tilleda Pond be checked for the contamination. It was also suggested at this time by SMC Ecology Dept. staff that the contamination came upstream of Bowler treatment pond.

WDNR Warden mentioned a report from a local fisherman that stopped him that day that the fisherman noticed cloudy water at County D northeast of Bowler at approximately 10:00 the morning of May 16th. The WDNR Warden was scheduling a plane to fly the area and search for contamination entry point.

10:22 – SMC Ecology Dept. staff confirm contamination in Tilleda pond. SMC Ecology Dept. staff collected bacteria samples and determined the D.O. levels in the pond were at 0.00 mg/l.

Fish kill in Tilleda pond was also confirmed at that

time. SMC Ecology Dept. staff contacted WDNR Wastewater Specialist of findings in Tilleda pond who came and looked for evidence of manure through visual and smell of water.

12:00 – 15:00 – SMC Ecology Dept. staff continue search for possible contamination entry point by searching the NBEMR watershed.

15:21 – SMC Hydrologist calls WDNR Water Resource Specialist to confirm that samples were taken at Tilleda pond before it is further diluted downstream. WDNR Water Resource Specialist mentioned that another WDNR staff was able to grab samples from Tilleda pond around 13:30 that afternoon.

May 18th, 2023 –

08:48 – SMC Hydrologist sends an email to WDNR staff summarizing initial water sampling results as well as thoughts on potential contamination entry points.

09:00 – 15:30 – SMC Hydrologist and Natural Resource Technician walk all NBEMR on Tribal Trust land to evaluate the damage.

The results were emailed to WDNR staff. A total of 315 dead fish were documented on the approximately 0.9 mile stretch on Tribal trust land...including 128 trout. Not all the fish could be found or reached due to deep water or impenetrable brush/trees. No live fish were noted during the survey.

Approx. 10:40 – When traveling between survey sites, SMC Hydrologist is able to find WDNR Water Resource Specialist at Tilleda Pond. He mentions that Tilleda Pond is back to normal D.O. levels. Findings are discussed.

Water cont on page Eight:

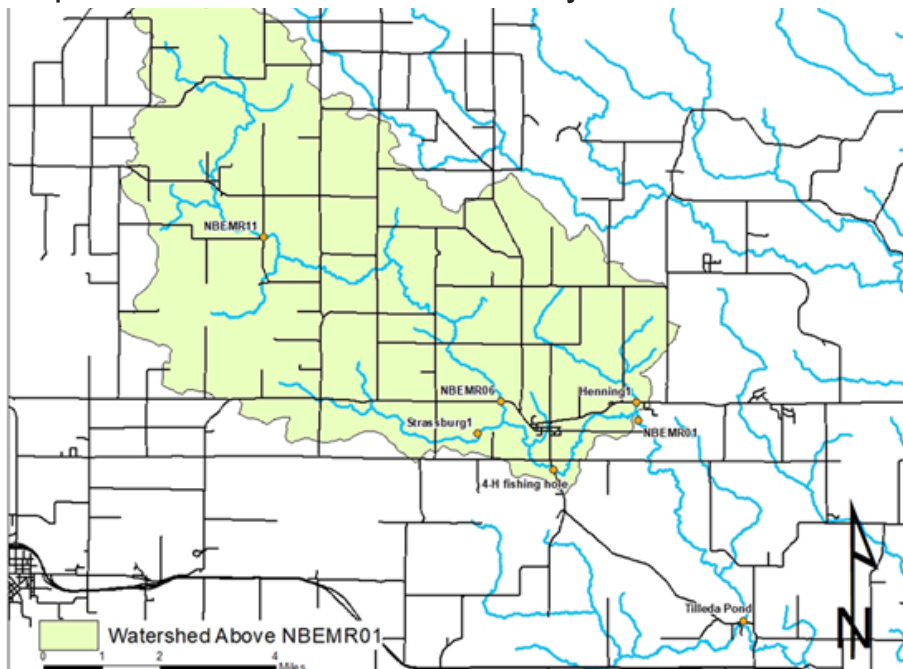


Figure 1 Location of sites related to the North Branch Embarrass River water contamination event, May 16th, 2023.



Figure 2 Dead fish found in the North Branch of the Embarrass River following the pollution event of May 16th, 2023.



Water cont from page 7:

May 19th, 2023 –

07:09 – Email detailing damage evaluation from May 18th forwarded to Tribal President upon her request.

Approx. 08:15-11:30

– SMC Ecology and Forestry Dept. staff conduct extensive search for dead fish at all road crossings above Bowler to determine the first point in the NBEMR where fish kill can be identified. 20 dead fish identified between Strassburg Creek upstream to County D crossing, all trout. A group of three trout were found dead on the north side of County D crossing which was the first confirmation that the contamination impacted upstream of County D crossing on the northwest side of Bowler. No dead fish were found above that point. During the search, SMC staff met WDNR Wardens in the field while they were flying drones, looking for a contamination entry point.

Discussed recent findings and potential entry points.

11:06 – SMC Hydrologist receives email message from WDNR Water Resource Specialist, briefing their side of the investigation so far.

11:30 – SMC Hydrologist talked to WDNR Warden once survey was completed, describing May 19th findings as well as discussing possible areas of interest to look into.

11:49 - An email with the findings were sent to WDNR staff.

May 22nd through June 1st, 2023 –

WDNR fisheries program conducted shocking surveys at their trend sites following the spill event to help assess impacts to the fish community. Six sites were sampled in total, fish were found throughout, but because sampling surveys were done outside of the typical sampling protocol, comparisons were difficult to make.

May 23th, 2023 –

08:30 – 10:30 – SMC

Hydrologist and Water Resource Technician walk approximately 2750ft stretch of NBEMR upstream from County Rd D north of Bowler to look for any clues to the source. No obvious pollution entry points found besides tributary on east side of stream. It was noted that there appeared to be more filamentous algae the closer to the CTH D bridge. Live fish noted.

May 24th, 2023 –

16:15 – Zoom meeting with Tribal President, WDNR Secretary, WDNR NE Wisconsin Secretary's Director, other WDNR staff. Discussed collaboration among agencies, made plan for meeting between WDNR technical staff and SMC Ecology Department staff.

May 25th, 2023 –

11:15 – Teams meeting with EPA staff to discuss contamination event, other monitoring ideas to help narrow down search area, resources to help determine cause, as well as next steps.

16:00 – Zoom meeting with WDNR technical staff, including regional fisheries, stream, wastewater, law enforcement staff. During the meeting, theories and ideas of possible entry points were discussed

among all. Wardens were able to confirm areas that were already searched.

May 26th, 2023 –

12:15 – Draft total phosphorus results were received... came in at 1.4 mg/L... Total maximum daily load allowed by WDNR is 0.075 mg/L. The level of total phosphorus was over 30 times higher than ever recorded by SMC staff in over 10 years of sampling NBEMR01.

June 29th, 2023 –

10:00 – After event in-person meeting at WDNR Gresham Ranger Station. In attendance were WDNR technical staff, State and Tribal Wardens, SMC Ecology Dept. Staff, WDNR Secretary's Director. Reviewed all data collected during the investigation, discussed all leads for potential sources, planned for assessment surveys and follow up actions.

INVESTIGATION OUTCOMES

The June 29th meeting between the Tribal and WDNR Staff led to a series of conclusions and objectives going forward. First, it was concluded that a substance containing a high concentration of phosphorus entered the stream somewhere upstream of CTH D, northwest of Bowler. This

Water cont on page Nine:

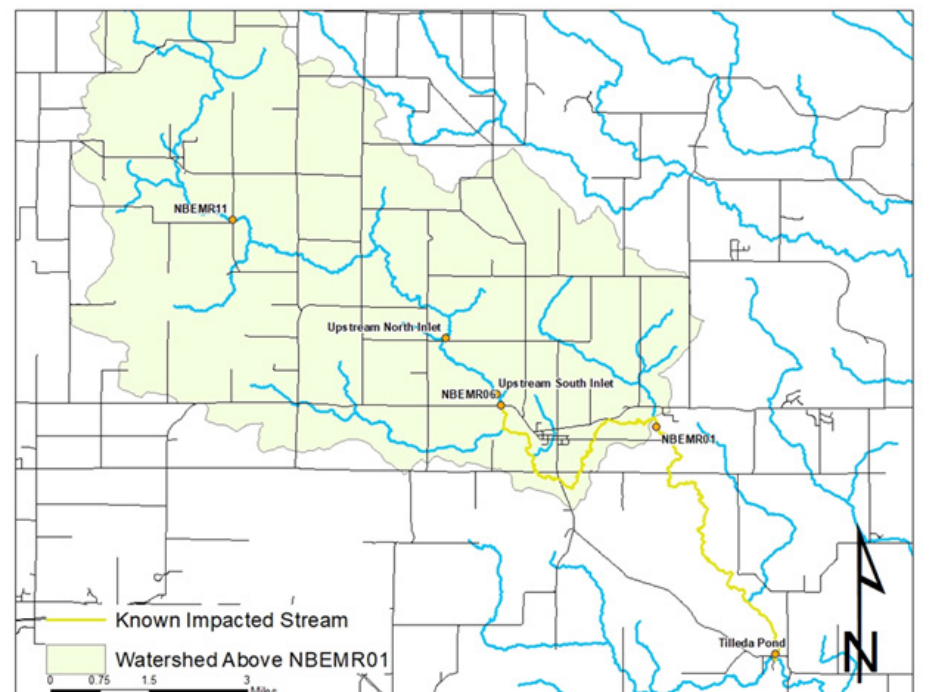


Figure 3 Location of sampling sites and known impacted stretch of river.



Figure 4 Barge shocking NBEMR01 site.

Water cont from page 8: mystery substance did not contain any elevated levels of e. Coli or total coliform, leading to the conclusion that it was unlikely from a manure spill. Most likely, it was some form of synthetic fertilizer that somehow reached the river in a rapid fashion. It took some time from once the substance entered the system to increase the biologic activity high enough that it used up all of the available oxygen. This anoxic (void of oxygen) 'slug' moved rapidly downstream, killing many aquatic organisms in its path. The 'slug' took less than a day to reach the Tilleda pond where it was diluted and became less deadly as it moved further down the Embarrass river. River water quickly returned to its normal, high quality levels following behind the pollutant 'slug.' The second conclusion was that all obvious entry points were investigated and all leads were looked in to. It seemed by the time of the June 29th meeting that the only possible way that someone or entity were to be found responsible it would likely take a confession or a smoking gun. As time went on, any possible evidence became increasingly difficult to find or pinpoint a source. Objectives coming out of the

meeting were to continue to look for a source as well as assess the damage to the aquatic organism community. The WDNR and SMC Ecology Dept. had planned to increase their sampling during the summer of 2023 to include all of their historic sampling sites in the affected areas of the North Branch of the Embarrass river. From the results of the surveys, management decisions could be made to help the river recover if needed.

RIVER ASSESSMENT

Between July and August 2023, the WDNR surveyed 10 locations along the entire North Branch Embarrass river and the SMC Ecology Department surveyed 2 sites within the impacted area that had historic data. Data from the WDNR survey efforts can be found in the included WDNR final survey report.

As far as the SMC Ecology Department surveys went, the results can be found in the following tables. To summarize what the numbers show, CPUE stands for 'catch per unit effort.' It basically standardizes the data collected so it can be compared year to year and site to site. For the samples SMC Ecology Department and WDNR does on these streams, CPUE is number of fish captured per mile.

Brook Trout							
Year	Average length and range	Total CPUE	YOY CPUE	> 5" CPUE	> 8" CPUE	> 10" CPUE	> 12" CPUE
2016	6.8 (5.25-9.75)	124	26	98	21	0	0
2017	7.4 (4.25-11.75)	129	0	124	41	21	0
2018	6.8 (5.1-9.8)	119	16	119	21	0	0
2019	8.2 (5.0-10.1)	52	5	47	26	5	0
2020	9.2 (6.0-14.0)	129	10	119	67	26	5
2021	8.6 (4.2-14.5)	78	5	62	47	21	5
2022	7.1 (4.5-11.25)	145	10	119	31	21	0
2023	7.5 (5.0-11.75)	142	33	109	49	5	0
Brown Trout							
Year	Average length and range	Total CPUE	YOY CPUE	> 6" CPUE	> 9" CPUE	> 12" CPUE	> 15" CPUE
2016	11.7 (7.5-15.2)	26	0	26	21	10	5
2017	11.2 (6.5-20.0)	36	5	31	21	5	5
2018	10.6 (6.2-12.6)	31	0	31	26	10	0
2019	12.6 (6.0-15.75)	36	0	36	31	31	5
2020	14.6 (12.5-16.25)	52	26	26	26	26	10
2021	11.2 (4.0-17.1)	47	0	36	26	10	10
2022	15.0 (5.0-20.5)	93	16	72	36	26	21
2023	14.3 (9.0-21.25)	33	0	33	33	22	16
Average total CPUE (2016-2023)							
Brook trout	115						
Brown trout	44						

Figure 5 Survey data from NBEMR01 sampling site (mountain bay trail) from 2016-2023.

'YOY' stands for young of year, these are fish that are less than a year old. Keep in mind that every year is different based on river flow levels, total precipitation, ambient air temperature, etc. These factors can lead to fish being dispersed differently throughout the river, which can lead to varying survey results. Because of this variation, results are often compared to averages of past values. As with any sampling, the more data points you have, the easier it is to accurately identify any trends.

Sampling Site NBEMR01
Sampling took place in July 12, 2023, following our standard sampling timeframe. The sampling site is a 1020 ft stretch

going north, starting at the mountain bay trail bridge. In total, we captured 26 adult and 6 YOY brook trout, 6 brown trout, as well as a number of five other fish species. Catch rates and species composition were in line with previous sampling efforts. One interesting observation was that the brown trout population seemed to be dominated by larger sized fish.

Sampling Site NBEMR06
Sampling took place in July 14, 2023, following our standard sampling timeframe. The sampling site is a 980 ft stretch going north, starting at CTH D (northwest of Bowler). In total, we captured 39 adult and three YOY brook trout, **Water cont on page Ten:**



Figure 6 Brown trout captured during 2023 survey of the North Branch Embarrass River.

Brook Trout				
Year	Total CPUE	YOY CPUE		
2019	151	0		
2020	329	32		
2022	135	0		
2023	210	16		
			Average total CPUE (2019-2023)	
			Brook Trout	206
			Brown Trout	100
Brown Trout				
Year	Total CPUE	YOY CPUE		
2019	27	16		
2020	226	48		
2022	108	43		
2023	38	11		

Figure 7 Survey data from NBEMR06 sampling site (north CTH D crossing) from 2019-2023. Ichthyologic Biotic Index (IBI)

Water cont from pg Nine: everyone that lives and uses the land in these watersheds to ensure it persists into the future. Based on the assessments completed by the SMC Ecology Department and the WDNR, the North Branch Embarrass River system is showing its resilience through this adversity. Although thousands of fish died during the event, high valued species such as brook trout are still thriving. By having stream connectivity in its watershed, it allows the river to replenish itself when something like this happens. A complete river system allows for fish migration into low population areas following in the wake of fish kills events. It also allows for multiple refuges for fish caught in the event to 'ride out the storm,' which is likely the reason there are still large brown trout roaming the impacted area. It will obviously take time to fully recover but these initial survey results are promising that the river can make a full recovery to pre-event levels without much human input. Although the recovery of the river is good news, by no means does that imply that what happened on May 16th, 2023 was acceptable. Somebody knows what happened, and they also know that they damaged a public resource and potentially robbed

seven brown trout, as well as a number of seven other fish species. Brook trout catch rates were in line with previous sampling efforts. Brown trout catch rates appeared to be lower than compared to the average catch per unit effort from 2019-2023. Also, the brown trout population during the sampling event were made up of smaller individuals compared to past years with the largest being 7.25 inches. SMC Ecology Department also measured the ichthyologic biotic index (IBI) at sampling sites. This measurement combines biological metrics that are based on the fish species composition and abundance in a particular stream. Because certain fish species can tolerate different water qualities, their presence in a system can indicate whether or not the water quality remained at a level sufficient to support their population throughout the entire year. The IBI of the North Branch Embarrass river mainstem has typically been in the fair to good rating.

WHAT DOES THIS ALL MEAN?

The incident that happened on May 16th, 2023 was a tragedy and it showed how vulnerable the river systems in our area are. We are lucky to have the quality fisheries and the associated high-water quality and it is up to

community members of opportunities to create memories focused around the North Branch. Hopefully someday the truth will come out so everyone can be better prepared to avoid this from ever happening again.

protocol within their clean water program to help handle these situations if they were to happen again.

If anyone knows information that led to the fish kill of May 16th, 2023, it is never too late to notify officials.

The WDNR runs a violation hotline that is staffed 24 hours a day, 7 days a week and can be called or texted at 1-800-847-9367.

A violation can also be reported online at: <https://dnr.wisconsin.gov/contact/Hotline.html> Any person reporting a violation or information regarding a violation can remain anonymous.

For more information regarding the recent survey data on the North Branch Embarrass River feel free to reach out to the SMC Ecology Department at 715-793-4818 or the local WDNR fisheries team (contact information found in their attached survey report).



Dead Fish Identified During May 18th Survey	
White sucker	87
Brook Trout	70
Brown Trout	58
Creek Chub	51
Johnny Darter	22
Longnose Dace	11
Black Sided Darter	9
Blacknose Dace	2
Bluegill	2
Common shiner	1
Log Perch	1

In the meantime, the SMC Ecology Department and WDNR are planning to continue their sampling efforts on an annual basis to continue to monitor the recovery. The goal of the sampling efforts will be to determine if there are any issues or trends that arise, in which case, management decisions can be made to avoid any issues becoming a larger problem. The SMC Ecology Department is also developing an emergency

	NBEMR01	NBEMR06	NBEMR11 (River Road by Mastches)	Criteria
2009	30			Excellent 100-90
2010	30			Good 80-60
2011				Fair 50-30
2012				Poor 20-10
2013	30	50	30	Very Poor 0
2014				
2015	30	60	40	
2016	30	50	40	
2017	40	50	40	
2018	30	50	70	
2019	30	50	30	
2020	40	60	40	
2021	40			
2022	40	60	70	
2023	40	50		

Figure 8 IBI scores for North Branch Embarrass River sampling sites from 2009-2023.



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

2023 Stream Survey Report on Fish Kill
North Branch Embarrass River, Shawano County
WBIC 301300



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

2023 Stream Survey Report
North Branch Embarrass River, Shawano County
WBIC 301300

Introduction And Objectives

The North Branch Embarrass River is a stream with 33.9 miles of Class I, II and III trout water. It originates in the northwest corner of Shawano County flows southeast through Bowler and eventually converges with the South Branch at Caroline to become the Embarrass River. Eighteen public road crossings, along with 40 acres of DNR managed public land abutting the river, provide fishing access to the North Branch Embarrass River. The objectives of the rotational surveys are to determine species composition, relative abundance and size structure for trout and other gamefish species. This report documents the May 2023 partial fish kill, which was investigated thoroughly. The kill occurred approximately from Old CTH D downstream to Tilleda Pond, and dead fish were observed throughout the stream over approximately 10.5 miles. Results from these surveys compared to historical surveys will be used to show the impact to the fishery.

DNR Contact

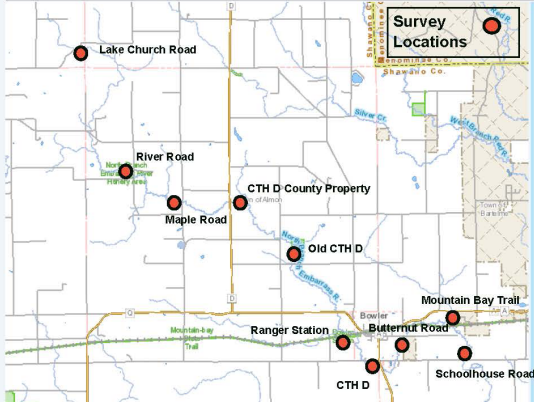
Elliot Hoffman - Fisheries Technician
Advanced
647 Lakeland Road
Shawano, WI 54166
Phone: 920-420-9581
Email: Elliot.Hoffman@wisconsin.gov

Regulations

Category: Green
Daily Bag and Size Limit:
5 and no size

SURVEY INFORMATION

Station	Survey Date	Station Length	Temperature (°F)	Mean Stream	GPS (Start)	Gear	Dippers	IBI
Schoolhouse Road	8/3/2023	871 ft	64	24.8 ft	44.85594, -88.94673	Stream Shocker	3	Yes
Mountain Bay Trail	8/1/2023	905 ft	60	25.8 ft	44.86588, -88.95062	Stream Shocker	3	Yes
Butternut Ln.	8/3/2023	904 ft	64	25.8 ft	44.86219, -88.97090	Stream Shocker	3	Yes
CTH D	8/1/2023	1051 ft	59	30.0 ft	44.85313, -88.97994	Stream Shocker	3	Yes
Ranger Station	8/3/2023	952 ft	62	27.2 ft	44.86402, -88.99098	Stream Shocker	3	Yes
Old CTH D	8/2/2023	797 ft	62	22.8 ft	44.89480, -89.01649	Stream Shocker	3	Yes
CTH D County Property	7/27/2023	2000 ft	61	16.1 ft	44.90290, -89.03510	Stream Shocker	3	Yes
Maple Road	8/2/2023	717 ft	60	20.5 ft	44.90384, -89.06269	Stream Shocker	3	Yes
River Road	8/2/2023	648 ft	60	18.5	44.91125, -89.08293	Stream Shocker	3	Yes
Lake Church Road	8/7/2023	330 ft	58	5.4 ft	44.94811, -89.10618	Backpack Shocker	1	Yes



Survey Method

- All streams are sampled according to DNR wadable streams monitoring protocols.
- All trout are counted and measured and all other species are counted in order to calculate an Index of Biotic Integrity (IBI) score.
- Metrics used to describe trout populations include average length, catch per unit effort (CPUE) and length frequency distribution.

Metric Descriptions

- Catch per unit effort (CPUE)** is a method of quantifying fish population relative abundance. For all trout surveys, we typically quantify CPUE as the number of a given size class of trout captured per mile of stream. CPUE indexes are compared to other trout streams throughout Wisconsin by what percentile (PCTL) they fall out in. For example, if a CPUE is in the 90th percentile, it is higher than 90% of the other CPUEs in the state. CPUE percentiles can also be used to categorize trout abundance as low density (<33rd percentile), moderate density (33rd - 66th percentile), high density (66th - 90th percentile) and very high density (>90th percentile).
- Length frequency distribution** is a graphical representation of the number or percentage of fish captured by half-inch or one-inch size intervals.
- Index of Biotic Integrity (IBI)** is a rating of environmental quality based on the fish assemblage. Scores of 90 - 100 indicate excellent stream quality, while scores less than 30 indicate poor stream quality. Our analysis utilizes the IBI for Wisconsin coldwater streams. Coldwater streams in Wisconsin are those in which the maximum daily mean water temperature is usually <22° C (71.6°F). A coldwater stream IBI may also be used when a stream doesn't fit the temperature criteria for a coldwater stream.

BROOK TROUT SIZE AND ABUNDANCE (CPUE) METRICS

Station	Total Number Sampled	Average Length (inches)	Length Range (inches)	CPUE (No. per Mile) Statewide Percentile in Parentheses					
				Total CPUE (PCTL)	YOY CPUE	25 th CPUE (PCTL)	28 th CPUE (PCTL)	31 st CPUE (PCTL)	≥12 th CPUE (PCTL)
Schoolhouse Road	9	7.3	3.5 - 9.3	55 (28)	6	48 (36)	12 (42)	-	-
Mountain Bay Trail	39	5.3	2.2 - 11.6	228 (53)	99	122 (56)	35 (68)	6 (69)	-
Butternut Road	5	8.1	7.0 - 10.4	29 (18)	-	29 (27)	12 (42)	6 (69)	-
CTH D	20	6.9	2.9 - 8.7	106 (38)	5	100 (52)	15 (45)	-	-
Ranger Station	58	6.4	3.4 - 9.1	322 (61)	6	294 (78)	39 (68)	-	-
Old CTH D	196	4.6	2.1 - 8.8	1299 (90)	593	636 (92)	53 (75)	-	-
CTH D County Property	547	5.0	1.1 - 9.5	1444 (92)	454	921 (96)	40 (68)	-	-
Maple Road	99	6.4	2.4 - 9.8	729 (80)	66	648 (92)	37 (67)	-	-
River Road	118	4.5	1.9 - 8.4	960 (86)	528	398 (85)	8 (35)	-	-
Lake Church Road	17	3.4	2.2 - 5.4	272 (57)	192	48 (36)	-	-	-

BROOK TROUT HISTORICAL CPUE/MILE (PCTL)

Year	Schoolhouse Road	Mountain Bay Trail	Butternut Road	CTH D	Ranger Station	Old CTH D	CTH D County Property	Maple Road	River Road	Lake Church Rd
2005				388.5 (86)			1494.5 (92)			1255.0 (90)
2006			116.8 (40)							
2011	12.5 (6)						1998.6 (96)	453.4 (69)	1390.0 (91)	
2017	174.1 (32)	301.7 (60)	175.4 (46)	650.6 (78)	563.0 (75)	1544.8 (93)	1890.0 (96)	592.8 (78)	665.0 (78)	1008.0 (88)
2021	48.3 (32)				287.3 (59)	293.6 (60)	1322.6 (91)	337.9 (62)	1415.9 (92)	
2023	54.6 (19)	227.5 (54)	29.2 (18)	105.5 (38)	321.7 (61)	1298.6 (90)	1444.1 (92)	729.2 (81)	960.0 (86)	272.0 (58)

Brook Trout Summary

- Brook trout density in the North Branch Embarrass River were moderate to high from the Ranger Station upstream to Lake Church Road, ranking in 57th to 96th percentile when compared to statewide data. Sample sites downstream from the Ranger Station to Schoolhouse Road, were low to moderate, ranging from 28th to 53rd percentile when compared to statewide data.
- Young of year (YOY) brook trout density was variable, ranging from 0 to 528 per mile, but YOY numbers correlated similarly to adult numbers across the sample sites.
- The size structure of brook trout was skewed towards smaller individuals, while brook trout >10 inches generally common in previous surveys, were captured at only two of the 10 samples sites. No 12-inch brook trout were captured at any of the sampling sites, while it is typical to have some fish reaching 12 inches.
- At the Old CTH D sampling site and those further upstream, brook trout densities were similar to those in 2017 and 2021 and showed only minor impacts from the fish kill. Sampling sites from the Ranger Station and those further downstream show a decline since the surveys done in 2017 likely related to the fish kill.
- The fish kill has depleted brook trout numbers in portions of the North Branch Embarrass. However, when looking at catch rates in the affected area, it appears that the adult population sampled in the upper stations have remained stable. While stations further downstream in the kill zone have suffered declines when compared to previous survey records.
- Recommendations:**
 - Allow brook trout populations to recover through natural recruitment. There is already an abundance of YOY and fish capable of meeting the reproductive needs of the stream.
 - Survey select locations throughout the kill zone in 2024 and reevaluate the status of the brook trout fishery.
 - Keep the existing regulation in place: 5 bag/no size limit.

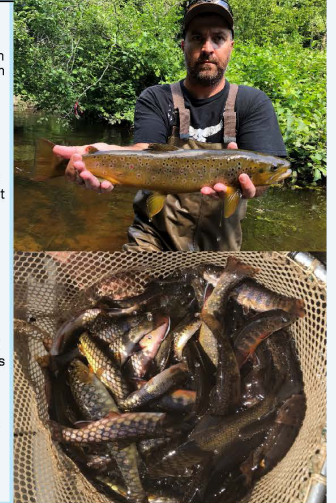


Photo Credits: Elliot Hoffman, WDNR

WISCONSIN DEPARTMENT OF NATURAL RESOURCES

2023 Stream Survey Report
North Branch Embarrass River, Shawano County
301300

BROWN TROUT SIZE AND ABUNDANCE (CPUE) METRICS

Station	Total Number Sampled	Average Length (inches)	Length Range (inches)	CPUE (No. per Mile) Statewide Percentile in Parentheses						
				Total CPUE (PCTL)	YOY CPUE	25 th CPUE (PCTL)	28 th CPUE (PCTL)	31 st CPUE (PCTL)	≥15 th CPUE (PCTL)	
Schoolhouse Road	1	12.3	9.1 - 15.0	18 (18)	-	18 (24)	18 (34)	12 (39)	12 (54)	6 (73)
Mountain Bay Trail	4	12.7	2.7 - 21.5	53 (33)	6	47 (40)	47 (50)	29 (55)	29 (69)	18 (81)
Butternut Road	8	15.6	11.0 - 20.2	47 (31)	-	47 (40)	47 (50)	47 (62)	41 (77)	29 (96)
CTH D	11	3.6	2.2 - 7.6	55 (34)	45	10 (15)	10 (15)	10 (15)	13 (40)	13 (56)
Ranger Station	42	8.5	2.9 - 24.1	239 (60)	17	186 (65)	105 (66)	44 (61)	39 (78)	22 (83)
Old CTH D	37	6.9	2.3 - 14.8	245 (60)	26	192 (69)	53 (53)	13 (40)	13 (56)	-
CTH D County Property	21	7.1	2.4 - 14.9	55 (34)	8	40 (37)	13 (28)	8 (33)	3 (39)	-
Maple Road	1	10.0	10.0 - 10.0	7 (7)	-	7 (11)	7 (20)	7 (32)	-	-

BROWN TROUT HISTORICAL CPUE/MILE (PCTL)

Year	Schoolhouse Road	Mountain Bay Trail	Butternut Road	CTH D	Ranger Station	Old CTH D	CTH D County Property	Maple Road
2005				573.3 (78)			42.8 (30)	
2006			51.9 (33)					
2011	6.3 (6)						229.3 (60)	11.5 (12)
2017	47.5 (32)	86.2 (41)	110.4 (46)	735.4 (83)	224.1 (59)	506.7 (7)	237.6 (60)	18.5 (19)
2021	48.3 (32)				229.9 (60)	120.7 (47)	298.3 (64)	12.1 (13)
2023	18.2 (19)	52.5 (33)	46.7 (31)	55.2 (34)	238.5 (60)	245.2 (61)	55.4 (34)	7.4 (8)

COLDWATER IBI SCORES AND NUMBER OF FISH SAMPLED IN NORTH BRANCH EMBARRASS RIVER - 2023

Species	Schoolhouse Road	Mountain Bay Trail	Butternut Road	CTH D	Ranger Station	Old CTH D	Maple Road	River Road	Lake Church Rd
Blackside Darter	-	-	-	-	1	-	-	-	-
Brook Stickleback	2	1	-	-	-	-	-	1	1
Brook Trout	9	39	5	21	58	196	99	118	17
Brown Trout	3	9	8	11	43	37	1	-	-
Central Mudminnow	5	4	1	-	-	-	-	-	-
Creek Chub	16	45	10	5	9	25	27	33	-
Johnny Darter	5	12	-	3	1	16	16	25	-
Longnose Dace	-	-	-	9	1	3	-	-	-
Pearl Dace	5	49	4	-	-	3	28	17	-
Pumpkinseed	-	3	-	-	-	-	-	-	-
Blacknose Dace	4	5	2	-	3	7	27	38	-
White Sucker	-	46	49	17	23	53	10	20	-
Score	50 (Fair)	40 (Fair)	30 (Fair)	50 (Fair)	50 (Fair)	50 (Fair)	60 (Good)	60 (Good)	80 (Good)

Brown Trout Summary

- Brown trout density in the North Branch Embarrass River was moderate near the Ranger Station and Old CTH D, ranking in the 65th to 69th percentile, respectively, when compared to statewide data. Sample sites downstream from the Ranger Station to Schoolhouse Road were low to moderate, ranging from the 15th to 40th percentile when compared to statewide data.
- Young of year (YOY) brown trout density was variable, ranging from 0 to 45 per mile. Densities did not follow the adult abundance trends as was documented for brook trout.
- While historically a brook trout dominated stream with most of the sampling locations at low to moderate numbers of brown trout, the size structure of brown trout at several of the sites show an abundance of fish >15 inches when compared to data throughout the state (73rd to 99th percentile).
- Population trends observed appear on a path similar to brook trout. Densities at the Ranger Station site and those further up stream were similar to those in 2017 and 2021. Sampling sites downstream from the Ranger Station have declined in abundance since the surveys were completed in 2017.
- IBI's were conducted at all sampling sites this year and results showed either fair or good cold water ratings. The Class II trout water had the lower scores and the Class I water showed higher scores, which is typical for many trout streams in this area of the state.
- Recommendations:**
 - The brown trout population will be allowed to recover through natural recruitment. The river has an abundance of larger brown trout available to meet reproduction needs, and department guidance does not allow for stocking brown trout in naturally reproducing brook trout water.
 - Survey select locations throughout the kill zone in 2024 and reevaluate the status of the brown trout fishery.
 - Keep the existing regulation in place: 5 bag/no size limit.

What You Need to Know about Fentanyl

Illegally made fentanyl can be as small as a grain of salt but is 100 times more potent than morphine.

- Can be present in many forms like powder, tablets, capsules, liquids or in needles or rocks
- Can be easily washed off skin with soap and water
- Should NOT be removed from skin with alcohol-based hand sanitizers or wipes
- Use gloves, masks and other personal protective equipment when available

Signs and symptoms of fentanyl overdose:

- Slow breathing or no breathing
- Gurgling or choking noises
- Drowsiness or not being able to wake up
- Blue lips or fingers
- Constricted or pinpoint pupils

Administer naloxone if someone is showing signs of an overdose. It is a safe and effective medication that rapidly reverses the effects of opioids.

Do call 911 immediately, if you suspect an opioid overdose.

Don't wait to call emergency responders.

Do a quick scan to make sure the environment is safe.

Don't touch or handle substances, needles or other harmful items.

Do recognize the signs of a potential overdose.

Don't touch the person without assessing the scene.

Do administer naloxone as soon as possible.

Don't try to revive the person with coffee or other drugs.

Do place the person on their side, stay with them and keep them awake.

Don't lay the unresponsive person flat on their back or leave them alone.

Do administer additional doses of naloxone every 2 to 3 minutes as needed.

Everyone is a first responder!



On Monday, January 22nd, 2024, the Stockbridge-Munsee Tribal Council held a Special Tribal Council Meeting and at that time the following actions were taken:

Roll Call:

Shannon Holsey; Present
Craig Kroening Jr.; Present
Sara Putnam; Present
Ella Kazik; Present
Terrance Miller: Present
Willy Miller; Present
Shawn Moede; Present

APPROVAL OF AGENDA-

ADD: Clarification of Elderly Hardship Policy in Executive Session

Motion by Terrance Miller to approve the meeting agenda as amended. Seconded by Craig Kroening Jr. Motion carried.

EXECUTIVE SESSION-

Motion by Craig Kroening Jr. to go into Executive Session. Seconded by Willy Miller. Motion carried at 5:03 PM.

Motion by Willy Miller to come out of Executive Session. Seconded by Craig Kroening Jr. Motion carried at 6:34 PM.

While in Executive Session discussion was held Membership Committee Minutes, 2nd Denials and Clarification of Elderly Hardship Policy.

Motion by Craig Kroening Jr. to deny, a first denial for Leland John Gerber. Seconded by Willy Miller.

Motion maker amends motion to add: for insufficient blood. Second concurs. Motion carried.

Motion by Craig Kroening Jr. for first denial of Scott James Doxtator for insufficient blood. Seconded by Willy Miller. Motion carried.

Motion by Terrance Miller to enroll Marleen Ann Sorgent as 1/4 Stockbridge-

Munsee and that sets action and blood quantum also applies to siblings of same parents and their descendants. Seconded by Ellie Kazik.

Roll Call: Terrance yes, Ellie yes, Sara opposed, Craig yes, Willy yes and Shawn yes. Motion carried.

Motion by Terrance Miller to enroll Cynthia Ruth (Solin) Hardin as 1/4 Stockbridge-

Munsee and that sets action and blood quantum also applies to siblings of same parents and their descendants. Seconded by Ellie Kazik.

Roll Call: Terrance yes, Ellie yes, Sara opposed, Craig yes, Willy opposed and Shawn yes. Motion carried.

Motion by Terrance Miller to enroll Conner Allen Helle as 1/4 Stockbridge-Munsee and that sets action and blood quantum also applies to siblings of same parents and their descendants. Seconded by Craig Kroening Jr.

Roll Call: Terrance yes, Ellie yes, Sara opposed, Craig yes, Willy abstains and Shawn yes. Motion carried.

Motion by Terrance Miller to approve the enrollment of Lucille Ann Evans as 1/4 Stockbridge-Munsee and that sets action and blood quantum also applies to siblings of same parents and their descendants. Seconded by Ellie Kazik.

Roll Call: Terrance yes, Ellie, Sara opposed, Craig yes, Willy opposed and Shawn yes. Motion carried.

Motion by Terrance Miller to approve the enrollment of Kevin Francis Welk as 1/4 Stockbridge-Munsee and that sets action and blood quantum applies to siblings of same parents and their

descendants. Seconded by Craig Kroening Jr.

Roll Call: Terrance yes, Ellie yes, Sara opposed, Craig yes, Willy opposed, and Shawn abstains. Motion carried.

Motion by Terrance Miller to approve the enrollment of Yvonne Emily Ellis and Denise Erika Corso as sisters both being 1/4 Stockbridge-Munsee and that sets action and blood quantum applies to siblings of same parents and their descendants. Seconded by Craig Kroening Jr.

Roll Call: Terrance yes, Ellie yes, Sara opposed, Craig yes, Willy opposed and Shawn yes. Motion carried.

Motion by Terrance Miller to approve the enrollment of Serenna Fae Stevens and Sienna Mae Stevens, siblings being 1/4 Stockbridge-Munsee and that sets action and blood quantum also applies to siblings of same parents and their descendants. Seconded by Shawn Moede.

Roll Call: Terrance yes, Ellie yes, Sara opposed,

Craig yes, Willy opposed and Shawn yes. Motion carried.

Motion by Craig Kroening Jr. for first denial of Diamond Jerel Bell for insufficient blood quantum. Seconded by Willy Miller. Motion carried.

Motion by Craig Kroening Jr. for second denials for Drake John Specht Jr, Logan Blum, Mitchell Micik, Randall Lewis, and Heather Williams due to insufficient blood. Seconded by Shawn Moede. Motion carried.

Motion by Terrance Miller to provide the applicant identified as EH-001-CC-24, emergency access to Elderly Hardship funds for a new furnace to replace a non-working furnace in their home and note that the applicant is within 20 days of meeting the Elderly Hardship age requirements. Seconded by Sara Putnam. Motion carried.

ADJOURNMENT-

Motion by Willy Miller to adjourn. Seconded by Terrance Miller. Motion carried at 6:47 PM.

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College Internship Program

Summer 2024 Program:
June 3, 2024 - August 16, 2024

Applications DUE by:
May 10, 2024

No exceptions made for late applications. Placements limited-first come, first served basis.

Who is Eligible: Stockbridge-Munsee members enrolled in a full-time College or University.
Must have completed at least 12 credits with a minimum cumulative GPA of 2.0

The College Internship Program gives Undergraduate students practical work experience while gaining skills and building networks with potential employers.

Applications available at Stockbridge-Munsee Education and Career Services Office (located at Konkapot) or online at Mohican.com

With questions or to turn in applications, please contact:

Students!!
Want to get paid this summer?
College Internship Program is offering \$20/hour up to 200 hours this summer.

Diane Burr - Career Advisor
Diane.burr@mohican-nsn.gov
(phone) 715-793-4353 // (fax) 715-253-2436

Education and Career Services
W12635 Co Rd A - P.O. Box 70 - Bowler WI 54416

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Schedule times to come in for tutoring.
Reach your Goal of getting your GED.

KONKAPOT
W12635 County Road A
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715-793-4353
diane.burr@mohican-nsn.gov

Do you want to present in our homelands? There are frequent requests for tribal members to speak in our eastern homelands—the New York/Massachusetts area—and share about Mohican/Munsee history. Usually these requests come from historical societies, museums, colleges, or various community groups. They are eager to hear from our tribe and often do not know whom to contact. We would like to compile a list of community members who may be interested in assisting the tribe in responding to these requests. If you are interested and have questions please contact Sherry White sherry.white@mohican-nsn.gov. There is a form to fill out on the tribal web site. Go to government/Tribal liaison look for the presenters form.

Please let us know your topic of interest. Some examples might be: beadwork demonstration, traditional foods, traditional plants and medicine Hudson River Valley history, Stockbridge (Mass.) history, Revolutionary War history, role of Women in the tribe, environmental issues, traditional games, music, or our tribe today. We will compile the information into a Speaker's List to share as requests come up. There is no guarantee by being added to the speaker's list that there will be an opportunity. It is our goal to establish a list of knowledgeable qualified presenters. Participation is compensated only if the outside agency offers compensation. This is not a tribally funded program.

CLASS OF 2024

Senior Graduation Banquet

This year the banquet will be held in the Event Center at North Star Casino on Wednesday, June 12th, 2024 at 5:30 pm. The deadline to submit the Participation Application is May 10th, 2024. Please submit the application along with a SX7 picture to the SM Education office (Attention: Kim Taylor). Any questions Kim can be reached by phone at 715-793-4100 or by email at kim.taylor@mohican-nsn.gov.

Eligible Participants who anticipate graduation must submit a Senior Graduation Banquet Participation Application to the S/M Education Department by May 10th in order to participate in the Senior Banquet. (Participant applications are available online at; <https://www.mohican.com/services/education-and-career-services/education-applications-forms-policies/> under Senior Banquet, at Bowler and Gresham Schools or at the S/M Education Department Office.)

If the student is in an alternative learning program that student must receive a diploma on/ or before their classes scheduled graduation date. The Education Department will NOT be responsible for any travel expenses accrued by the student and/ or their families to attend the banquet. Remember to submit a SX7 picture with your application.

1. Student must be an enrolled member of the Stockbridge-Munsee Band of Mohican Indians; or
2. Student must be a member of the community who has a parent or grandparent on the rolls of the StockbridgeMunsee Band of Mohican Indians and who is attending Bowler, Gresham, or Shawano Schools or attended one or more of these schools for a total of at least three of the four years of High School.

2024 Summer Youth Program

Stockbridge-Munsee Education & Career Services

KONKAPOT Building, W12635 County Rd A, PO Box 70, Bowler, WI 54416

Phone 715-793-4353, Fax 715-253-2436, email: diane.burr@mohican-nsn.gov

Program Details

- Eligible: Enrolled Stockbridge-Munsee youth, ages of 14-18 as of June 15, 2024. Direct descendants may participate, pending available space, if their established residency for the 2023-2024 school year is within the townships of Bartelme or Red Springs, excluding Middle Village and including Bowler and Gresham.
- Program starts June 17, 2024 and ends August 16, 2024
- Pay is \$15.00/hour for 80 hours
- Worksites available throughout the Stockbridge-Munsee Community
- Applications at the Konkapot Resource Center, Bowler School (see Abby Behnke), Gresham School (see Nancy Buettner), or online: <https://mohican.com/ecs-applications-forms-policies/>
- **Deadline** Completed applications must be certified with arrival date and time, as received by **Friday, May 10th at 3:30 PM**. Late applications will not be considered. Applications must be submitted to Diane Burr at Konkapot. Please call or email with any questions.

New to Summer Youth 2024:

- 6/18/24 Field trip to Great Lakes Inter Tribal Council (GLITC) Tour and Career Day for Stockbridge-Munsee Summer Youth
- 6/28/24 Lunch and Learn in the Park
- 7/12/24 Lunch and Learn in the Park
- 7/26/24 Lunch and Learn in the Park
- 8/14/24 Collaborated Community Back to School Giveback Event



Menominee Vocational Rehabilitation Program

**Need help securing employment?
Vocational Rehabilitation might be Right for you!**

To be eligible for VR assistance you need to meet the following requirements:

- Enrolled member of a federally or state recognized Native American tribe
- Have a physical or mental impairment that results in a substantial impediment to employment
- Reside on the Menominee Reservation or within 30 miles
- Require VR services to prepare for, secure, retain, regain or advance in employment



We have successfully placed our consumers for work at the Menominee Casino Resort, Maehnowesekiyah, Food Distribution, Sr. Verna Fowler Library, Headstart, Community Technology Center, Tribal Conservation, Historic Preservation, just to name a few. It's our job to help our consumers find a job.

Stop in and see us at CMN or any of our off-site locations (Stockbridge-Education Department 1st Monday of the month, Shawano; 2nd Monday of the month, Maehnowesekiyah; 3rd Monday of the month, and Neopit- Menominee Tribal Enterprises; 3rd Tuesday of the month).

Call or visit in person or online today to begin your referral application process



Vocational Rehabilitation- GM 111 (800) 567-2344 ext. 3203
N172 Hwy. 47/55 (715) 799-5600 ext. 3203
Keshena, WI 54135 Monday- Friday (8:00 am-4:30pm)

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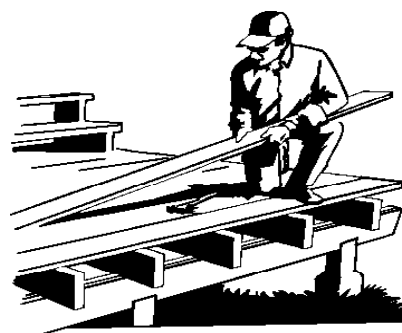
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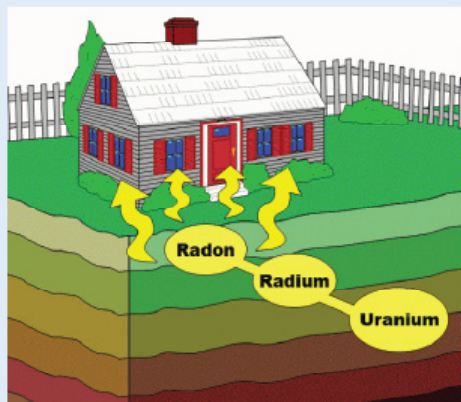
Smokers who live in homes with high radon are 10 times more at risk to have lung cancer than non-smokers who live in homes with high radon

2 out of 3 homes in our area have high radon levels

Radon levels peak in the winter months when windows and doors are closed



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Radon occurs naturally in the ground and can enter your home through cracks and holes in your foundation, or even through your well water. The amount of radon in the soil depends on soil chemistry and can vary from house to house. In Shawano County, radon varies from low to very high, with some homes on the Reservation having very high levels.

Keep you and your family safe this year by getting your home tested for radon. FREE test kits are available to Tribal members through the Environmental Department. Contact the Environmental Department to have your house tested! If your house tests high for radon, the Environmental Department can provide advice on having a radon mitigation system installed into your home.

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