



FREDERICK CHAPTER NO. 1 THE IZAAK WALTON LEAGUE OF AMERICA

Chapter Web Site: <http://www.frederickiwa.org>
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Chapter Calendar: <http://www.frederickiwa.org/calendar.html>

NEWSLETTER

October 2024

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|---|--|-------------------------------------|-----------------------------------|--|
| President Michael Morgan | Vice President Tracy Hickman | Secretary Ronald Colbert | Treasurer Jim Stewart | Membership Secretary Ron Colbert |
| Board Member Hiram Escabi | Board Member Michael Money Penny | Board Member Preston Wood | Board Member Ben Kelkye | Board Member Vineet Kewalramani |
| Recording Secretary David Carlson | | | | |

Newsletter Editors

Preston Wood, Josh Phipps, Lisa Merriam

Send submissions or articles for the newsletter to newsletter@frederickiwa.org. Let us know if you are not receiving the newsletter.

Important Dates

| | |
|---|---|
| 07 Oct – Conservation Committee Meeting, 6pm | 22 Oct – Frederick County Sportsman’s Council, 7pm |
| 08 Oct – Social Committee Meeting, 5:15pm, Cancelled | 25 Oct – Range for Clay Target Shooting |
| 08 Oct – Board of Directors Meeting, 6:30pm | 26 Oct – RSO Class , rescheduled date 7:30am |
| 08 Oct – Membership Meeting, 7pm | 26 Oct – SOS Water Testing, Ballenger Creek, 10am |
| 11 Oct – Range for Clay Target Shooting | 27 Oct – Youth Group Practice, 12:30pm |
| 13 Oct – Youth Group Practice, 12:30pm | 28 Oct – SOS Water Testing, Bush Creek, 10am |
| 19 Oct – Internet Field Day, Hunter Safety Class, 7:30a | |



IWLA Frederick #1 Chapter Ikes Chris Barrett and Artemis Vendemmia in Macroinvertebrate Testing Certification Training.

CHAPTER NEWS

Sunday, September 22, 2024 Annual Gun Raffle Pig Roast



The IWLA Frederick #1 Chapter's annual Gun Raffle Pig Roast was held at Amvets Post 2 (9602 Baltimore Road, Frederick MD 21704) on September 22, 2024. Thanks to all Ikes hard work to make this year's Pig Roast a success. Below are some pictures of the event.





BOARD OF DIRECTORS NEWS

New Range Rules:

On Monday, July 22, 2024, at the direction of the Chapter President Mike Morgan, a workgroup consisting of John Gallo, Jake Bise, Mark Davies, Ben Kelkye, and Hiram Escabi convened to review the 2024 draft range rules and associated documents. At the conclusion of the meeting, the workgroup unanimously voted to send [the range rules revision documents](#) to the membership for approval. Click the link to find:

1. 2024 Range Rules
2. 2024 Range Area Map
3. 2024 Emergency Procedures
4. 2024 Injury Report Form

The Chapter membership voted to adopt the 2024 Range Rules in their entirety at the September Membership Meeting.

The Chapter membership also voted to adopt the workgroup's recommendation to archive of the following documents and language on our Chapters website and replacing them with the 2024 approved documents listed above:

Range Safety Officer Requirements

- Range Rules from 2016
- Range Rules with highlighted changes
- Emergency Procedures Original
- Emergency Procedures with highlighted changes
- RSO Report Original
- RSO Report with highlighted changes

Range Rules

- Range Rules

Emergency Procedures

- Emergency Procedures

Other Unwritten Rules (recommend Archiving this entire section and replace with member approved Policies and/or rules.

- Friday Shotgun

Home

- Work Hours

Finally, the Chapter membership also voted to adopt the workgroup's recommendation to take the following actions:

1. Have the IT Committee create and post an Emergency Contact List so the Chapters' leadership can be notified of critical incidents or events.
2. Create and post additional signage illustrating the Traffic Light Indicator legend.
3. Include the Traffic Light Indicator legend be printed on the back of the RSO ID card.
4. Decide on the use of the Indemnity (Hold Harmless) form and if required for range usage.

Feel free to reach out to any of the workgroup members if you have questions or would like clarity on any topic.

Board Meetings

The Frederick Chapter Board of Directors meets the second Tuesday of each month at 6:30pm just prior to the regular Membership Meeting. Members are welcome and encouraged to observe these open meetings which address the business of the Chapter but take care not to disrupt the meeting. Members may bring up any issues they may have during the Membership Meeting directly after the Board meeting.

CONSERVATION NEWS

Annual Application Period Open for Creek ReLeaf Reforestation Program



FREDERICK, MD. – The Frederick County Division of Energy and Environment (DEE) has opened its annual application period for participation in the Creek ReLeaf reforestation program. Property owners interested in having native trees planted on their land for no cost may apply between October 1 and December 31, 2024.

The Creek ReLeaf program installs new plantings on public and private lands and provides maintenance to ensure their success. This program aims to reverse the trend of local tree loss and increase the total amount of forested acreage in Frederick County. Since 2017, Creek ReLeaf has helped protect our watershed through reforestation of more than 575 acres. The program provides:

- Planting native trees and shrubs at no cost to landowners.
- Five years of county-provided maintenance to establish the forest stand.
- Payment for a permanent conservation easement on the parcel planted.

Properties included in the Creek ReLeaf program receive considerable benefits at no cost to the landowner. If accepted into the program, property owners receive payment for a permanent conservation easement, based on 75% of fair market value of the land to be planted, up to \$9,000 per acre. The property owner may utilize the land in ways that do not violate the easement's terms, such as selective harvesting. A forestry management plan can provide long-term revenue to the landowner, in addition to the benefits of having a healthy forest.

This project is subsidized by grants from the Chesapeake and Atlantic Coastal Bays Trust Fund. Forested lands provide stormwater control, improve air and soil quality, lessen temperature impacts on county streams, increase wildlife habitat, help prevent soil erosion, reduce water pollution, and contribute to the health of the Chesapeake Bay.

To learn more or apply online, visit the Division of Energy and Environment's website at www.frederickcountymd.gov/reforest. Those interested in staying up-to-date on the County's many efforts to create environmental resilience can join community conversations on Facebook and Instagram at [@SustainableFCMD](https://www.instagram.com/SustainableFCMD). For additional information about Creek ReLeaf, please contact project manager Linda Williamson by phone at 240-608-7426 or by email to LWilliamson1@FrederickCountyMD.gov.

Contact: [Anmarie Creamer](#), Communications Manager
Division of Energy & Environment
301-748-9483

Source:

[Annual Application Period Open for Creek ReLeaf Reforestation Program](#)

Frederick County Government website

Published: October 1, 2024

CHAPTER CONSERVATION ACTIVITIES

Our Chapter is dedicated to supporting the Izaak Walton League's [Mission Statement](#): "To conserve, restore, and promote the sustainable use and enjoyment of our natural resources, including soil, air, woods, waters, and wildlife."

Our monthly Conservation Committee meetings are normally held the first Monday of the month; all Chapter members are welcome to attend. Our next meeting is Monday October 7, 2024 at 6pm. Next month, our meeting will be Monday November 4th at 6pm.

Save Our Streams Team Continues to Present at Sabillasville Environmental School



Our Save Our Streams team has been invited back to the Sabillasville Environmental School for their Pollinators and Plants day on Friday September 27th. This is the fourth time we have been asked back to the school. We have discussed Chemical testing of streams, in-depth Macroinvertebrate analysis to determine stream health over time and last January we presented our Salt Watch program to monitor the impact of road salts in local streams and waterways.

On Pollinators Day our SOS team members Artemis Vendemmia and Chris Barrett presented the IWLA program [Nitrate Watch](#). Nitrates are of utmost importance to plant and pollinator growth and development, but Nitrate pollution into our streams and waterways can have devastating impacts on the environment, human health through drinking water, and tremendous economic costs.

Nitrate pollution sources were discussed including the use of fertilizers and manure, cattle and dairy farming, sewage treatment plants, and air pollution.

Too many nitrates in drinking water have been linked to "blue baby syndrome", colon cancer, thyroid disease, and birth defects. Too many Nitrates in waterways can lead to devastating algae blooms and water born toxins. Dead zones are often created resulting fish kills and the death of macroinvertebrates and other aquatic animals. Nitrate pollution has been found to cost \$210 billion dollars to our economy each year.

The 6th, 7th and 8th grade students were asked to sign up for Nitrate Watch. The students will bring in water samples from streams near their homes. Chris and Artemis demonstrated Nitrate testing and assisted the students in testing their stream water. They will then show the students how to upload their results to the Clean Water Hub website. Lastly, if a high Nitrate reading is discovered (a reading of >10mg/L), the students will be instructed on how to take action. Since Winter is approaching, we also asked the students to sign up for [Salt Watch](#).

Chris Barrett and Artemis Vendemmia Complete SOS Monitor Certification



On Sunday, September 15th our chapter members Artemis Vendemmia and Chris Barrett attended a [Stream Monitoring Certification](#) workshop lead by Ashley Palmer, Fairfax County Stream Monitoring Coordinator. The workshop was held at Sugarland Run in Herndon, VA. Artemis and Chris completed all the necessary requirements to become duly certified Save

Our Streams Monitors.

The certification process started at home. The prospective Stream Monitors start by watching several training webinars and then take a very rigorous Macroinvertebrate identification test. Once they have passed the test they move on and take extensive field training.

The field training involves learning about watersheds, Stream Ecology and Monitoring (both chemical and Macroinvertebrate), and the proper protocol for collecting and identifying benthic Macroinvertebrates. Once the training is completed the field trainer observes the stream monitors collecting Macroinvertebrates and determines if they are using the proper methods. If the trainer believes they have done it correctly the monitor has passed the field collection requirements. Then the monitors move on to sorting and Identifying the Macroinvertebrates they have collected. Once the "creek critters" are sorted and counted the monitors assign a grade to the health of the stream based on the sensitivity to pollution for the critters collected.

After the field work the monitors must pass a written Stream Monitoring Protocol Exam. Artemis and Chris passed all with flying colors!

Please congratulate Artemis and Chris on becoming Certified Save Our Streams Monitors! Our Save Our Streams Coordinator, Steve Meyer, is already an SOS Certified Monitor. He plans on adding more streams to analyze and expanding our program in the future.





Save Our Streams Water Testing



The 2024 [Save Our Streams](#) (SOS) season continues with chemical and macroinvertebrate water testing conducted at Ballenger Creek on Saturday, September 28th. SOS team members Chris Barrett, Al Manus, George Klarmann, Artemis Vendemmia, and Steve Meyer conducted the tests.

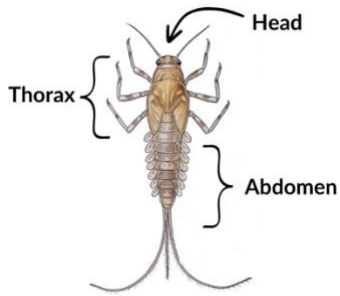


The term aquatic macroinvertebrate means water animals without a backbone that are big enough to see with our naked eye. These tiny animals live in streams, lakes, and ponds and include many types of insects as well as other animals such as worms, mollusks, and tiny crustaceans.

Because different types of macroinvertebrates tolerate different stream conditions and levels of pollution, their presence or absence is used to indicate clean or polluted water.

To evaluate the health of waterways, biologists look at the types of macroinvertebrates who live there. Different species have different tolerance levels to pollution. Some aquatic organisms are more sensitive to pollution or poor water quality, meaning they cannot survive or reproduce in poor water conditions, while others are more tolerant of polluted water. When scientists see many of the more sensitive macroinvertebrates in a water body, it is a good sign that the water is clean, or clean enough to support diverse life (but not clean enough to drink!).

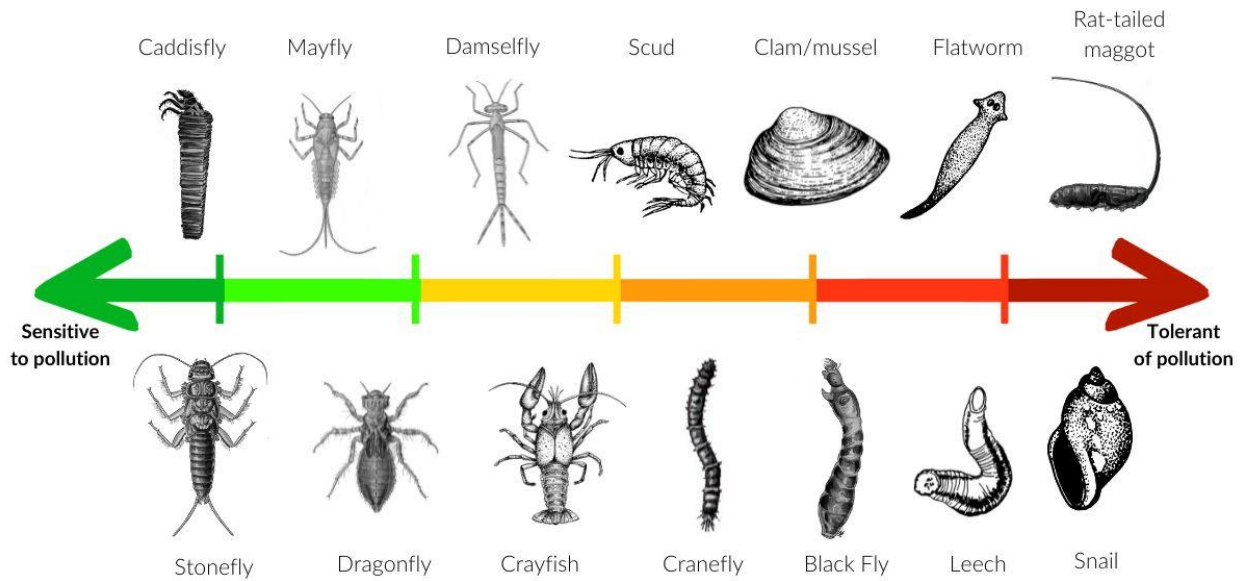
However, the absence of sensitive macroinvertebrates in a water body does not necessarily indicate the water quality is poor. Other natural factors (such as temperature, flow, sediment, and more) may explain their absence.



Macroinvertebrates have three body segments:

- Head: Contains the head and antennae.
- Thorax: The midsection of the body is called the thorax. It contains the jointed legs and wings.
- Abdomen: The lower section of the body.

Pollution Tolerance Level



Utah State University Water Quality Extension



Macroinvertebrate species being prepared for identification.

Our Chapter SOS Testing Team determined the following data at Ballenger Creek:

Chemical tests:

Water temperature 18.3 C (64.9 F)
Dissolved Oxygen 63% saturation Good
Ph 7.5 Excellent
Chloride 40 ppm Good
Phosphate .2 mg/l Excellent
Nitrate 2 mg/L Excellent

Biological tests:

Hellgrammite 7
Stonefly 15
Cranefly 10
Mayfly 1
Aquatic Worm 4
Crayfish 1
Damselfly 2
Caddisfly 211
Gilled snail 1
Total 252
Macroinvertebrate score 21 Good

Our Frederick #1 Chapter Save Our Streams program now has two separate teams monitoring streams monthly on Saturdays and Mondays. If interested in participating, contact Stephen Meyer at stephen.meyer7@gmail.com. Conservation credit is given for working on either team.

IWLA Frederick Chapter #1 Save our Streams program provides testing and long-term water chemistry data on select streams in Frederick County Maryland. The remaining Save Our Streams testing dates for 2024:

- 10AM Monday October 28, Bush Creek at [Gambrills Mill section of Monocacy Battlefield](#). Meet in parking lot.
- 10AM Saturday November 16, Ballenger Creek

You can find these dates, and other events, and location on our [Chapter calendar](#). Please email stephen.meyer7@gmail.com if you wish to observe or participate.

Frederick Chapter #1 Forest Stewardship Program



The new Forest Stewardship Program has greatly expanded our potential for further conservation work. A healthy forest adds so much to the overall environment that we need only look to our own property to meet our mandate to preserve our water, land and air.

The University of Maryland Extension Service offers a course: "The Woods in Your Backyard" that can help us understand how our land offers recreational and wildlife possibilities, and how to manage projects to help meet our goals. Please contact Steve Meyer for information about the Save Our Streams program or the chapter Forest Stewardship Program at stephen.meyer7@gmail.com.

If you have ideas for conservation projects or would like to participate in our conservation programs, please contact the Conservation Committee at iwlafred1conservation@gmail.com.

If you would like to participate in Chapter Conservation Committee activities, please attend our monthly Conservation meeting at the Chapter. Our next meeting is Monday October 7, 2024, at 6pm. Next month, our meeting will be Monday November 4th at 6pm.

CHAPTER EDUCATION PROGRAMMING

The [full schedule of courses](#) conducted at the Chapter Clubhouse is posted on the Chapter website. Proceeds from training classes support the Frederick#1 Chapter Youth Program. Contact Ben Kelkye (ben@kelkye.com) if you have any questions about the schedule or courses.

Below are courses offered at the Frederick #1 Chapter for October thru December:

| Date | Start Time | End Time | Course | Cost |
|--|--------------------|-------------|---|-----------------|
| Sunday, October 13, 2024 | 12:30 PM | 4:30 PM | Youth Program | |
| Saturday, October 19, 2024 | 7:30:00 AM | Finish | Internet Field Day | |
| Saturday, October 26, 2024 | 7:30 AM | Finish | RSO | \$175.00 |
| Sunday, October 27, 2024 | 12:30 PM | 4:30 PM | Youth Program | |
| Saturday, November 2, 2024 | 7:30:00 AM | Finish | Internet Field Day | |
| Sunday, November 3, 2024 | 7:30:00 AM | Finish | Internet Field Day | |
| Saturday, December 21, 2024 | 7:30 AM | Finish | RSO | \$175.00 |
| Contact Ben Kelkye to schedule an appointment. Cell: 301-401-6262 Email: ben@kelkye.com | | | | |
| <i>By Request Only</i> | <i>Appointment</i> | <i>Only</i> | <i>Wear and Carry - 16 Hour Class for new applicant - MD or DC</i> | <i>\$275.00</i> |
| <i>By Request Only</i> | <i>Appointment</i> | <i>Only</i> | <i>Renewal - 10 Hour Class - MD or DC</i> | <i>\$225.00</i> |
| <i>By Request Only</i> | <i>Appointment</i> | <i>Only</i> | <i>MD & DC - Wear and Carry - 16 Hour Class for new applicant</i> | <i>\$415.00</i> |

AROUND THE CHAPTER

Let us know what you are doing. Send any submissions to newsletter@frederickiwa.org

Frederick #1 Chapter Youth Group Archery Practice September 29, 2024





Gives New Meaning to "Snake in the Grass"



Arnold the muscular looking Black Snake seen on the sidewalk heading toward the grass at the Frederick #1 Chapter shooting pavilion. Pictures supplied by Ben Kelkye.

CLASSIFIEDS / WANT ADS / NEEDS AT THE CHAPTER

Send any submissions to newsletter@frederickiwa.org

Newsletter Requesting Photos and Chapter News



Photos wanted of Chapter clubhouse and grounds, Chapter activities, shooting sports, and conservation programs to be used for marketing and recruitment. The newsletter is looking for content. Please send to newsletter@frederickiwa.org.

Get Your Chapter T-Shirt



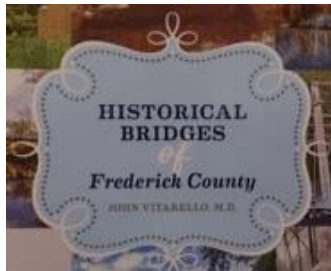
Get your new IWLA Frederick Chapter 100th Anniversary shirts, official swag and uniform for Frederick Chapter events. These heavy cotton quality shirts are \$15. Shirts are currently sold at the Clubhouse and Membership meetings.

Nature Outings



Please let us know what you are doing in the outdoors, enjoying nature, and being a champion and defender of the nation's soil, air, woods, water, and wildlife. If you would like to participate in nature outings, please let us know at newsletter@frederickiwa.org.

Historical Bridges Book For Sale



On sale at the Clubhouse is the book *Historical Bridges of Frederick County*, written by Frederick Chapter member Dr. John Vitarello containing 99 pages of photographs coupled with information about each of the bridges and their connection to Frederick County's history. There are also driving, bicycle and fishing tour routes included to aid readers who will be inspired to seek out the bridges themselves. Each book is \$20. Purchase of each book helps fund the Frederick Chapter's conservation programs. According to Dr. Vitarello, "Individuals, service groups and charitable organizations alike have made an everlasting favorable impression on me to the point that I want to dedicate this book to local Frederick charities." Books can be purchased at the Frederick Chapter clubhouse. Please see Ben Kelkye.