



Musconetcong River News

Summer 2023

Published quarterly by The Musconetcong Watershed Association

Asbury, New Jersey

Executive Director's Message

Summer is Time to Explore!

As the temperature rises and the sun sets later, it's a great time to explore the Musconetcong Watershed! Whether you have an hour, an afternoon, a day, week or longer, there are plenty of opportunities to enjoy what nature and culture have to offer.

Paddling down the Musky is always enjoyable, and several of us had the fine occasion recently to explore from Hampton to our River Resource Center. It's an easy trip, with a launch at Hampton Park and landing just before the Asbury Dam.

When you are done, we welcome you to stop by the RRC, the smallest LEED Platinum-Certified building in the world! Or, take a hike on our growing trail. It's 1-½ miles of flat terrain along the River, with plans to expand to over 3 miles.

We recently held an Open House at the historic Asbury Mill and opened Musconetcong Island Park. When you are in the area, bring your lunch or a snack and enjoy how nature and culture coexist.

Together with our partners at the Lake Hopatcong Foundation and the Delaware River Watershed Initiative, we recently experienced LHF's floating classroom. What better way to learn about the headwaters of the Musky?

Although the Summer can be a slower time of year, you'll see in this newsletter that MWA is going full steam to test water quality, remove dams, and advocate for our watershed. As a membership organization, we rely on your help, so if you haven't joined yet, please go online and make a commitment that will make a difference.

Have a great Summer!

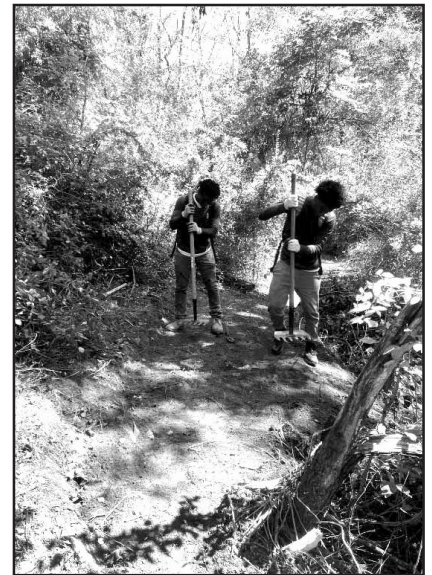
Tom Dallessio, Executive Director 

Restoring the MWA's Educational Trail

By Ryan Jiorle, Community Engagement Manager

When I think of hiking, two types of experiences come to mind. There's the adrenaline-inducing climb to the top of a mountain, with the dizzying and expansive views from a rocky outcropping. And then, there's the leisurely stroll through the woods, an activity less about exertion and more about the peace that comes from letting your attention wander throughout your surroundings. About a dozen years ago, an Eagle Scout blazed a trail along the Musconetcong River, connecting the River Resource Center nearly to the bridge joining Shurts Rd. Unfortunately, some of the tributaries feeding into the river didn't get proper footbridges, and the path became overgrown through the years. It wasn't until the last few years that the MWA was able to give this trail the attention it deserves.

A large number of partners have each chipped in with their time and expertise to accomplish a remarkable transformation on the MWA's Educational Trail. While the "many hands" didn't quite make light work, they did make it a little less heavy. Major funding for this trail began with the William Penn Foundation in the form of northwest New Jersey's "Great Waters" initiative. In order to live up to its name as "Educational," an Eagle Scout and an AmeriCorps NJ Watershed Ambassador designed and installed interpretive signs along the main network of trails near the MWA's River Resource



SCA Crew leveling the trail

Center. That Eagle Scout also replaced three critical bridges to ensure walkability in this area. In terms of regular maintenance, MWA staff and volunteers kept up with mowing and other trail-clearing tasks.

All of that work took place prior to 2022, but this year featured a surge in progress. A large grant from the National Fish and Wildlife Foundation, along with funding from the National Park Foundation, allowed for the purchase of much-needed materials and the formation of a Student Conservation Association trail crew. This crew, composed of high-school students from Phillipsburg, as well as a crew member from the Ramapough

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MUSCONETCONG WATERSHED ASSOCIATION

PO Box 113, 10 Maple Ave.
Asbury, NJ 08802

908-537-7060

www.musconetcong.org

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Steven Gransky

Communications Specialist
Sarah Thorpe

Water Quality Program Manager
Christa Reeves, CWD

Watershed Program Manager
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Community Engagement Manger
Ryan Jiorle

Water Quality Field Specialist
Craig Fleming

Printing:
Good Impressions Print Communications,
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Restoring the MWA's Educational Trail

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Lunaape Nation, worked for four weeks this past August to rejuvenate the original trail as well as create nearly a half-mile of new trail on the other side of Shurts Rd. Later in the fall, the Delaware River Climate Corps helped with the construction and installation of three more foot bridges.

The areas adjacent to the trail have been spruced up as well, with the planting of over 200 trees and shrubs done by the New Jersey Youth Corps and Delaware River Climate Corps. These planting projects are a true investment in the future of the trail, as the plants are on their way to stabilizing the river bank, reducing invasive species presence, shading the river and trail, and providing valuable wildlife benefits.

This crucial work, along with many other regular maintenance tasks, has been anchored by Frank Nanna, who was hired as the MWA's groundskeeper in 2022. Through Frank's efforts, the trail has been kept safer from hazards such as holes, fallen trees, and encroaching brush.

The MWA Educational Trail now has nearly 2 miles of paths ready for walking, fishing, or birdwatching—whether that's a visit on your own time or part of an interpretive walk led by the MWA. After all, the trail is now more accessible and enriching than it has been at any point in the last decade. The future holds just as much, if not more, promise. In the near-term, another half-mile of trail will be fully accessible pending the completion of two more footbridges that require a bit more engineering. The MWA is also working with the Ramapough Culture and Land Foundation to design and install bilingual wayfinding signs as part of an ongoing process of recognition and respect for our Indigenous neighbors. Over the next year, the MWA plans to expand the trail to a full 3.4-mile loop with a path along the Hunterdon County side of the river as well. So, if you're ready for that leisurely kind of hike, come experience this restored trail and all it has to offer. 🌿

Musconetcong Island Park

Musconetcong Island Park is officially open for all to enjoy! This is an open and public space for our communities to access the Musconetcong River. 152 West Portland Rd, Asbury, NJ 08802.



Welcome Sarah!

Sarah Thorpe has joined MWA's team as the new Communications Specialist. Sarah was born right in Port Murray and for two summers in high school she worked for the Student Conservation Association—an organization that works in environmental conservation. She worked on Musconetcong Gorge, Hacklebarney State Park, the Cushetunk Trail of Round Valley, and many other sites. She fell in love with nature, and the protection and preservation of our parks. She attended Montclair State

University and received her Bachelor of Science in Psychology, and took several environmental science classes. She has worked for the Great Swamp Watershed Association facilitating their silent auction for their Gala, as well as Hawk Pointe Golf Club as a Member Events Coordinator. Sarah now lives in Washington Township and spends her free time hiking, kayaking, and exploring new parts of New Jersey as often as possible. 🌿

Wild Musconetcong Exhibit Displayed at Lebanon Township Museum

By Sarah Thorpe, Communications Specialist

Winner of Best Museum in Hunterdon County in 2022 and 2023, the Lebanon Township Museum recently featured a new Wild Musconetcong exhibit to showcase the Musconetcong River's long and dynamic history, its importance to residents, and its designation by the National Park Service as a Wild and Scenic River.

Curator, Gina Sampaio, and Associate Curator, Robbie-Lynn Mwangi, are passionate, friendly, and knowledgeable women who run the Museum, an 1823 two-story schoolhouse that was used as a public school until 1929. After closing its doors, the building was left neglected until a group of local historians reopened it as a museum in 1981. Fast forward to 2023—with a collection of farm tools, 12,000-year-old Paleo-Indian artifacts, sanatorium equipment, and the original schoolhouse chalkboards, there is something of interest for everyone at this museum. All ages can appreciate what the museum has to offer with scavenger hunts, interactive exhibits, and more to keep people of all ages engaged.

The museum has come a long way since its opening in 1981, with a recent expansion in 2020 following the donation of a bobsled that was used to transport children to the Changewater district school in the 1920s. Each exhibit shows the rich history of Hampton and the amazing people who inhabited this town spanning decades. For example, Dr. Howard Andrew Knox, who administered intelligence tests to immigrants in Ellis Island and pioneered a shift in administering new tests that were not language based. His work served as an important link between early research and modern-day intelligence testing, and he moved to Hampton in 1922 to open a private practice. Another notable figure is Herbert C. Kraft, a Delaware Valley Prehistory Expert who studied the Plenge Site in Asbury and wrote over 170 articles and more than a dozen books about the Lenape, Paleo-Indians, and archaeology. The Plenge Site is considered one of the most important in the northeastern United States, and those studies of the site continue to guide archaeologists to this day.

While the upstairs of the museum stays the same, the first-floor changes frequently to showcase unique exhibits. From April to June of this year, they featured the Wild Musconetcong exhibit, which depicted the long history of the Musconetcong River and its national significance. With several different informational panels, photographs, and artwork of the Musconetcong River, and antique fishing equipment on the walls, the museum was transformed into the perfect exhibit to showcase the Musconetcong River in all its beauty. Each panel explained a different and important aspect of the river, such as the organizations and councils that work to protect the river and early fishing techniques that the Lenape established long before non-Natives arrived. Another showcased the “taming” of the wild river with dam removals and the restoration of the Asbury Mill. Gina and Robbie-Lynn stressed that this could not have been completed without the help of Alan Hunt, Ryan Jiorle, Nancy Roberts Lawler, and countless others.

There were several events held throughout the course of the exhibit,

on opening night of the exhibit, all were welcome to come share their favorite fishing stories with an open mic night. There was also Fly Tying with Kayla Gordon, and a presentation from Jeremy Travers, an author and photographer who grew up on Lake Hopatcong. On the final night of the exhibit, Doris Ettliger and Mike McFadden, a couple who have lived in the Imlaydale's gristmill in Hampton for 35 years, spoke about the restoration of the mill and creating art along the way. This exhibit was an extraordinary way for the community to see the beauty of the Musky and its rich history, and the passion and dedication from Gina Sampaio and Robbie-Lynn Mwangi was vital in making this exhibit a success.

The Musconetcong River also recently received its designation from the National Park Service as a Wild and Scenic river, so when you visit the Lebanon Township Museum, you can learn about the fascinating history of the town and get your passport stamped! If you were unable to see the exhibit, the Wild Musconetcong exhibit now resides in the Asbury Mill. Come check it out! 🎧

Guys Who Give selects MWA for Donation

Guys Who Give is a group of men with a desire to inspire and are committed to making a difference in the community. Their mission is to reach out and help local charities with funds they need to continue their work for the community. They find 100+ men to contribute \$100 at their quarterly events and choose a local charity or nonprofit to donate the money to. There are sixteen different chapters throughout the country, and we are lucky enough to have a chapter right in Hunterdon County.

Scott Goodman of Guys Who Give surprised Musconetcong Watershed Association on June 9th with a check for \$1,500! These funds will make a direct impact on our education program. Thank you Guys Who Give



for this generous donation, and for helping us further our mission. If you are looking for a way to give back to the community, want 100% of your donations to go directly to a local charity or organization, and want to be a part of something that makes a difference—check out GuysWhoGive.org. 🎧

Kayaking for Conservation

By Christa Reeves, Water Quality Program Manager

As the summer heats up, people take to the water to recreate and cool off. The Musconetcong River is an idyllic place to kayak, no matter your skill level. Nature enthusiasts will delight in the diverse offerings of the Musconetcong River. The river showcases a harmonious blend of serene still waters above Saxton Falls and invigorating small rapids in its free-flowing sections, stretching from Hackettstown down to its union with the Delaware River in Riegelsville. As you navigate its picturesque course, be prepared to encounter an abundance of wildlife, presenting countless opportunities to capture awe-inspiring photographs. In the village of Asbury, as you portage around the dam, you can stop and take a break with a sandwich at a local deli and tour the restored Asbury Mill, and relax on our new Island Park, yes, a park on an island in the river. But, the MWA, Trout Unlimited and USGS will be looking for a different point of interest in our kayaks this summer, groundwater.

The Musconetcong River is known far and wide for its trout fisheries and one big reason the river can support these fish populations is, cold groundwater. Since the underlying geology of a large portion of the river is porous limestone, a lot of it. It is however, complex to say the least. With erratic and more severe weather patterns, like drought and heatwaves, not to mention overall rising temperatures, knowing the location of

these cold water springs is critical for conservation and restoration (for more information on temperature impacts to the river, read Craig's article in this newsletter). Understanding groundwater dynamics is essential for assessing its influence on stream temperature, flow patterns, and overall ecosystem health.

In early August, equipped with thermal infrared sensors, kayakers will embark from Hackettstown to uncover the sources of replenishment and safe havens for cold-water inhabitants during baseflow conditions. This cutting-edge data, collected by instruments from the Next Generation Water Observing System (NGWOS) at USGS, will be combined with the information gathered during the "Dip-Ins" events of the summer of 2020/2021, remember them? These community-scientist initiatives involved taking river temperature measurements at over 70 locations during the hottest part of the day. The data obtained from these efforts was used in modeling software to prepare for this advanced undertaking.



With the completion of the survey, a comprehensive thermal picture or map will emerge, allowing for targeted conservation and restoration efforts. This will enable the implementation of strategies like streamside plantings, smart land use and development planning, and streambank stabilization to safeguard the river ecosystem effectively.

So, whether you are an avid kayaker, angler or a nature enthusiast seeking a captivating adventure, the Musky awaits your arrival this summer. Join the MWA, Trout Unlimited, and USGS as they embark on this remarkable journey to explore the river's hidden depths and unlock the secrets of groundwater. You can do this by becoming a River Watcher to dive in with us at one of many of our monitoring opportunities or become a member and help support our efforts. 🌿

MWA Annual Meeting

The MWA Annual Meeting took place June 1st. The 65 attendees heard words from James Kern III, Warren County Commissioner, who spoke about the significance of our mission. Keynote speakers Edward Clerico, CEO Emeritus of Natural Systems Utilities, and Laura Tessieri, Executive Director of North Jersey Resource Conservation & Development, captivated the audience with their compelling insights into sustainability and the preservation of our natural resources.

We had the privilege of bestowing the Friend of the River award upon Laura Tessieri, recognizing her outstanding

contributions to conservation. Her unwavering dedication and remarkable achievements have had a significant impact on the watershed and the communities it sustains.

In addition, we renewed the three-year terms of our esteemed current trustees: Beth Styler Barry, Oliver Grimsdall, and Ray Merrell, acknowledging their invaluable guidance and unwavering commitment to our cause. We also welcomed new and returning trustees, Kerry Kirk Pflugh, and Elizabeth (Tish) Lascelle, who bring a wealth of experience and passion to the organization.

As we express our deepest gratitude to departing trustees Tim Johnston and Tomas Gonzales for their exceptional service, we reflect upon their significant contributions to the success and growth of the Musconetcong Watershed Association (MWA).

This annual meeting showcased the strength of our community and its shared dedication to safeguarding and improving the Musconetcong River. We extend our sincere appreciation to all attendees, speakers, and trustees for their presence and unwavering support. 🌿

Putting the Musconetcong on the Map

By Alan Hunt, Director, Policy & Grants

It's here! The Musconetcong National Wild Scenic River has its first official brochure and map, highlighting more than 50 river access points, 16,000 acres of publicly accessing lands, and over 20 Historic Districts. The brochure showcases the look and feel of the Musconetcong River and the map shows what to do and where to go. It also communicates the scenic, recreational, cultural, and historic resources that supported its designation as a National Wild and Scenic River.

As a National Wild and Scenic River, managed cooperatively with the National Park Service (NPS), MWA, and Musconetcong River Management Council, we have access to the branding and communications materials utilized at National Parks. The most iconic of these materials is the Park Brochure, called a "Unigrid" for its universal design features. This includes the familiar black band and white text on the front and back covers, a map with standard colors and label styles, and the familiar NPS Arrowhead logo. It's the gold-standard for an awesome landscape, and the Musconetcong is joining the club!

Why make the brochure and map now?

The other New Jersey Wild and Scenic Rivers worked on their brochures right after designation. The Musconetcong had a longer wait to be designated, taking 15 years. By the time Congress designated the river Wild and Scenic in 2006, there was a lot of pent up energy to get to the work of protecting and restoring the river.

When we updated the 1996 Water Trail Guide with the National Water Trail Guide brochure in 2020, we realized there was a lot more to the recreational aspects of the watershed that even we didn't know. For example, the entire 46-mile long watershed has at least 60 public river and lake access points. We have more recreational access to the water than most National Parks, but unlike a National Park, the land is not under one management agency. Through the Musconetcong River Management Council, which includes representatives of the six public land agencies along the river, we saw the NPS Brochure

as an opportunity to unify recreation information for the public and portray the river's connection to its surrounding landscape.

Isn't this something the National Park Service does?

Yes, the NPS makes brochures! Most parks either design them in-house or utilize a Service-wide unit at Harpers Ferry, West Virginia to develop brochures. As a Partnership Wild and Scenic River, we have access to the same design resources and we can decide how to make the brochure. But, we have to use the resources from our cooperative agreement funding from the NPS. In the past few federal fiscal years, Partnership Wild and Scenic Rivers did well with our outreach to Congress, through new alliances MWA's policy program developed with the Coalition for the Delaware River Watershed and National Wild and Scenic Rivers Coalition, and funding grew from \$108,000 per river in 2016 to \$210,000 per river in 2022. Using our own expertise and that of local vendors, we have more editorial and design control and can save money in the brochure's development.

How do you make a brochure and map?

It's not easy! The language really needed to convey a bigger sense of place, with defined themes, a clear writing style, and a level of detail which is just enough but not too much. We hired Hunter Research, a cultural resource management small business in Trenton, who did almost all of the archeological work at our dam removal sites and at the Asbury Mill. From direct work along the river, they had developed a really well-written and interesting Musconetcong-specific geological, Native American, and Industrial revolution history narrative for their reports to us. Also, one of their staff was very familiar with the Morris Canal who helped us identify the interpretive themes:

- On the Water, which encapsulates both water-based recreation and aquatic habitat,
- On the Land, which focuses on agriculture, land-based recreation, and terrestrial wildlife habitat,

- Heritage Deep and Strong, which includes the whole panoply of human uses of the watershed, and
- Working in Partnership, which highlights the cooperation between the NPS, MWA, local governments, and volunteers.

They helped us by writing most of the language, winnowing down the best sites to send visitors, curating our photograph collection, and making the map.

We also contracted with the Ramapough Culture and Land Foundation to provide a Native American perspective on our watershed's cultural and historic resources. After all, the Plenge Site, which was a home to Native Americans for more than 10,000 years, is one of the main reasons the river was a designated a Wild and Scenic River. We wanted to include not just an artifact from that important site, we also wanted to show that Native American culture is still ongoing and alive, and included a photo of a drum circle. We're fortunate to have them in the state, and we learned a lot.

Our graphic designer, Spruce Run Graphics and Printing in Clinton, has been really amazing to work with on the brochure's lay out. We utilize them for our most creative work, including logos and other design-intensive work. Even though the "Unigrid" is meant to be standard, there are a lot of design choices to make. Together we reviewed about 30 brochures from other National Wild and Scenic Rivers, National Parks, National Recreational Trails, and National Historic Sites. We picked the design elements that would best portray the Musconetcong River.

Community input was also critical. The Musconetcong River Management Council's Standing Committees for Recreational and Scenic Resources and Historic and Archeological Resources provided a lot of the local knowledge about which sites to highlight and identified the photos to best represent a place. They also reviewed at key stages, providing editorial reviews on each draft. Paul Kenney, our NPS River Manager, provided guidance and was involved throughout the process.

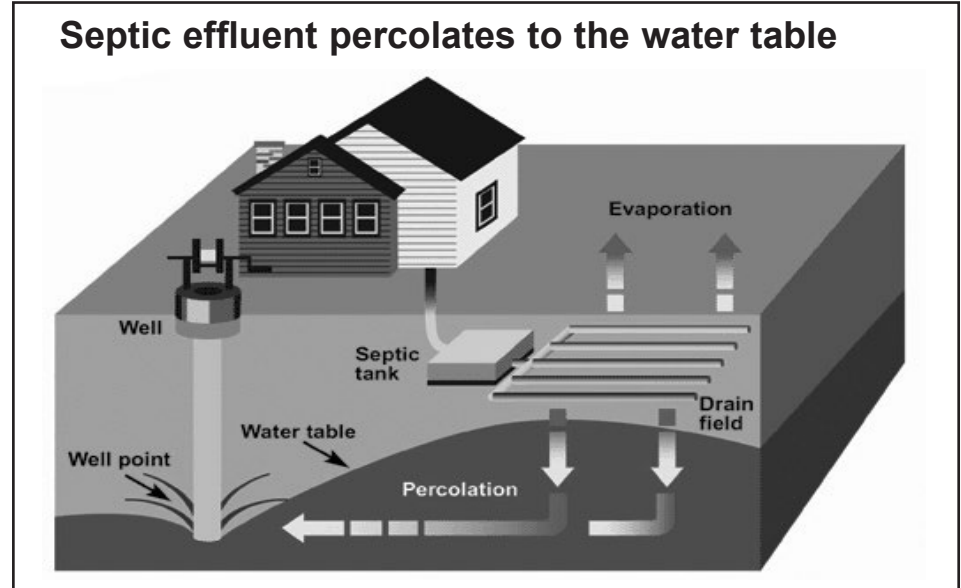
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Things are Heating Up - Where are we now?

By Craig Fleming, Water Quality Field Specialist

Have you ever had one of those moments where you wake up one morning and look in the mirror and find it hard to recognize the face staring back at you in the mirror? For better or for worse, change happens. Maybe this isn't the case for you, but back in 2006, a certain, now dwarf planet, could probably agree with the aforementioned statement. Pluto, once the ninth planet in our solar system, had a dramatic shift in identity upon the arrival of new evidence. This evidence highlighted Pluto's inability to clear the surrounding neighborhood; the third classifying attribute all planets must possess (Library of Congress, 2023). This evolution of science happens all of the time; as new data presents itself, previously established ideas must grow and evolve to fit the new information. According to the Intergovernmental Panel on Climate Change, a division of the United Nations whose objective is to provide governments at all levels with scientific information that they can depend upon to develop climate policies, that - to a high level of confidence, human-caused climate change is already affecting many weather and climate extremes in every region of the globe and as a result has led to widespread adverse impacts to nature and people among a myriad of other impacts (Lee et al. 2023, accepted). Much like the concentration of greenhouse gases (GHGs) in our atmosphere, what I am building up to, is that with the evident change in our climate and the regimes associated, our previously established ideas around certain entities, like harmful algal blooms (HABs) or bacterial pollution, must change as well.

More than twenty-five years ago, when the discussion of HABs, better known back then as red tides, began, the amount of skepticism surrounding them was due in large part by the lack of understanding in regards to the boundaries of the problem. However, as data began to become available over time, these boundaries were able to be identified. More importantly, those researching the subject began to understand how dynamic they were (Anderson, 2012). The growing concern with HABs is that as our climate changes, the impacts of



a warmer climate like warming water temperatures, changes in salinity, higher carbon dioxide levels, changes in precipitation regimes and sea level rise all feed into the proliferation of HABs (EPA, 2022). They do this by broadening the bloom window for HABs as water temperatures become warmer for longer periods of time, they are fed an excess of nutrients in the form of stormwater runoff caused by long periods of drought followed by surges of precipitation and by providing carbon dioxide from GHGs to promote species growth (NOAA, 2014). Back in 2019 when HABs first made their debut in the watershed, the science community was under the impression that HABs occurring in moving water systems was extremely unlikely, however in recent years there has been evidence of HABs occurring on the mainstem of the Musconetcong River - a moving water system. This could be the result of a variety of inputs but the message stays the same, given new information, perceptions can change.

In a similar fashion to the HAB's boundaries being affected by a change in climate, fecal bacteria discharge into surface water has also become a growing concern. First, the water tables will rise, and the precipitation regime shifts to that of a feast or famine model. This model is when we see periods of extreme rain after periods of extreme drought. Next, our streams or stormwater infrastructure will no longer properly channel water

to where it needs to go, and finally, as a result, we will see bacterial contamination in places previously unaffected e.g. our drinking water utilities (Mohammed et al., 2019). The rise in the water table also affects bacterial intrusion into septic tanks, which may have been previously deemed properly managed as evident in Figure 1. Here we see how a rise in the water table can dramatically reduce the drain field depth and limit the soil's natural ability to filter contaminants. These changes all lead to improper infiltration to groundwater and from there potentially into your well source.

It is because of this evolution of science, this change in the reflection of the mirror, that the Musconetcong Watershed Association is following suit and has placed a principal concern on the monitoring of the changes associated with climate. It is through comprehensive planning and strategic implementation of efforts that we can begin to foster a watershed which is resilient to these impacts. These efforts include enhanced HAB monitoring, where with the guidance from New Jersey Center for Water and Technology (NJCWST), we will be identifying harmful algal blooms to the genus level, or microbial source tracking to connect sources of nonpoint source pollution. If you are interested in becoming a part of the monitoring efforts, please contact us to join the River Watcher team! 🌊

Putting the Musconetcong on the Map

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Why are paper brochures still relevant in the digital era?

With digital and print, the answer is usually, use both. The way we interact with a printed, physical brochure is different than the way we access digital information. The brochures of the National Park Service are a tangible, useful expression of a place. They are often a first impression and wind up being

a souvenir. The brochures also present a whole landscape, not just a small area around a targeted destination, allowing a reader to learn about related, adjacent sites. Also, the ways we distribute physical brochures is different than online media: they are distributed at rest stops, fairs, and placed on tables at events. While we can use QR codes the same way, print brochures continue to have a unique eye appeal. The next phase of our work to

improve recreational information is an online, interactive map.

How do I get a brochure?

They are being printed this July, barring any paper shortages (not all industries are 100% back after COVID19). You can get them at MWA's River Resource Center, from our new after-hours Recreational Kiosk, or during normal office hours 9-4 Monday, Tuesday, Thursday, and Friday. ☺

SAVE THESE DATES!

The Musconetcong Watershed Association (MWA) takes the health of our members, staff, and board seriously. We advocate for the health of the river because clean drinking water improves the health of communities.

For more event updates, you can subscribe to our Instream Updates by emailing info@musconetcong.org with "Subscribe" in the subject line.

Wednesday, July 5-July 31 MWA Giving Tap at Czigmeister Brewing, for every "Czeltzer" purchased, Czigmeister will donate \$1 to Musconetcong Watershed Association.

Tuesday, August 22 River Talk: Septic 101 —The "Quick and Dirty" Facts to Understand Your System with speaker and longtime associate of MWA, Chuck Gullage. This River Talk will be paired with our September Watershed Allies Training (Saturday, 9/9, 10am - 12pm), which will be a more hands-on (literally, but not too literally) workshop. While you're certainly welcome to attend just one, by joining for both, you'll have the chance to develop knowledge and skills that will allow you to better take care of your home. 7:00-8:30PM at the River Resource Center

Saturday, August 26 Saxton Falls Paddling Trip. Starting at 9:30am, consisting of an out-and-back guided paddle. There will be a limited number of kayaks/life vests available on a first-come, first-served basis, so beginners are welcome to join us as we learn about the history, ecology, and environmental concerns of the Musconetcong River Watershed.

Tuesday, September 12 Watershed Allies Training. We will be continuing the momentum built up from our August River Talk, an introduction to understanding and managing septic systems. In this training, you'll have the chance to learn the basic parts of septic systems before heading out on site to pinch your nose and learn the steps for a DIY inspection. You can save thousands of dollars by knowing when to pump, how to spot a problem early on, and following proper maintenance schedules. You'll leave this workshop with the hands-on knowledge and a toolkit to perform your own inspections. Registration is limited and includes the inspection kit and a companion checklist.

Friday, October 27 Binnacle House Casino Night at Hawk Pointe Golf Club. This event will feature various casino games such as blackjack, Texas hold 'em, craps, and roulette, as well as cocktails and a silent auction. The Musconetcong Watershed Association will be presented with a grant at the event, and they will also be the benefiting charity for the paddle raise. There will be several sponsorship opportunities available, ranging from a presenting sponsor for \$7,500 to a friend of Binnacle House sponsor for \$350. Each sponsorship level includes various benefits, such as verbal recognition at the event, signage, event tickets, raffle tickets, and starting chips for players. The event will take place at Hawk Pointe Golf Club at 4 Clubhouse Drive, Washington, NJ 07882 from 6PM-10PM and individual tickets are available for \$150.

We're Social! Follow us on:



Facebook
Musconetcong
Watershed
Association



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@MuskyWatershed



Twitter
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For more information or to register for any of these events, please email info@musconetcong.org or call (908) 537-7060, unless otherwise noted. MWA River Resource Center (RRC) is located at 10 Maple Avenue, Asbury, NJ.



The Musconetcong Watershed Association

The Musconetcong River Valley is rich in scenery, history, natural resources, and recreational opportunities. The river rises up in Lake Hopatcong - New Jersey's largest spring-fed lake - and is shadowed by 1,000-foot Highland ridges and slices through a deep, limestone river valley, flowing swiftly to the Delaware River. Along the way the "Musky" passes by state and county parks, bustling towns, vital industries, historic villages, and some of the most productive farmland in the state.

The Musconetcong Watershed Association (MWA) is a non-profit organization formed in 1992 to protect and enhance the Musconetcong River and its related resources through advocacy and environmental education programs, scientific research and river restoration projects. The MWA scope spans the 158 square-mile Musconetcong River Watershed, and includes portions of four counties, and all or portions of 26 municipalities. The Musconetcong River became part of the National Wild and Scenic River System in 2006.

MWA members are part of a network of individuals, families and organizations who care about the Musconetcong River and its watershed. They are kept informed about issues concerning the river and its related resources by receiving quarterly issues of the Musconetcong River News.

MWA Membership Application

Please enroll me as a member of the MWA. Save the Stamp! Donate at www.musconetcong.org/member. Or enclose a check payable to MWA for an amount indicated below:

- | | |
|--|--|
| <input type="checkbox"/> \$20 Student | <input type="checkbox"/> \$100 Sustainer |
| <input type="checkbox"/> \$30 Family | <input type="checkbox"/> \$250 Steward |
| <input type="checkbox"/> \$50 Supporter | <input type="checkbox"/> \$500 Champion |
| <input type="checkbox"/> \$1,000 + Life Member | |

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____

E-mail: _____

Mail to:

Musconetcong Watershed Association
PO Box 113, Asbury, NJ 08802



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- ◆ Wild Musconetcong Exhibit Displayed at
- ◆ Welcome Sarah!
- ◆ Musconetcong Island Park
- ◆ Restoring the MWA's Educational Trail
- ◆ Executive Directors Message

What's Inside:

PO Box 113
Asbury, NJ 08802

