



We proudly display our district logo, as it represents our devotion to balancing environmental stewardship and protecting residents within our District from public health issues related to mosquitos. Together we can spread the word about how NEMMC can help reduce mosquito populations in your town!

Are you on Facebook?



NEMMC is!

[Find us HERE!](#)



FIGHT THE BITE!

Itching to know more?

The fourth issue of “Fight the Bite” was created as a way to keep readers informed about mosquito operations in their area. NEMMC works with 32 communities in Essex County plus Revere and Winthrop, in a regional approach to control these dangerous pests. Questions on what we did in your community last year? Check out the [reports tab](#) on our website and read your BMP.

Buzzing with Expertise

Our District Entomologist was invited to share her knowledge and collaborate with experts at the 2024 [Virginia Mosquito Control Association](#) (VMCA) conference. The invitation came from the Connecticut Agricultural Experimental Station, who recognized our agency's expertise and suggested working together with the Mosquito Control Biologist of Suffolk, VA.

At the conference, our entomologist talked about habitat characteristics related to *Culiseta melanura*, a mosquito species linked to [Eastern Equine Encephalitis \(EEE\)](#), image 1. This collaboration was important because EEE was recently found in Virginia, especially in Suffolk City, Chesapeake City, and Virginia Beach City in 2023.

Our entomologist's participation in the VMCA conference shows our agency's commitment to leading mosquito control efforts. By working with other professionals, we strengthen relationships and improve collaboration in our field. This benefits not only our District and State but also the people we serve.

We're proud of our agency's representation and believe our participation will positively impact our ongoing mosquito control efforts.



Commonwealth of Massachusetts
State Reclamation and Mosquito Control Board



NORTHEAST MASSACHUSETTS MOSQUITO CONTROL & WETLANDS MANAGEMENT DISTRICT



Melanura Habitat Northeast

Acidic Peat/Sphagnum Bogs

- Mature hemlock, young red maple understory, yellow birch colonies, beech, winterberry
- Atlantic White Cedar
- Mature Red Maple
- Live and rotting trees
- Sphagnum/peat
- Underground crypts

Georgetown, MA 01833
Phone: (978) 352-2800

www.nemassmosquito.org

Image 1. Slide show

IT Bytes: Catch Basin Upgrades

The District has revamped its approach to recording catch basin treatments, with a significant shift towards efficiency this year.

Previously, our crew relied on paper maps to navigate their daily work zones, a cumbersome process for tracking treated streets and planning routes. At day's end, paperwork recorded treatment details.

Now, the crew can manage everything via their phones or tablets, selecting activity, zone, larvicide, and even recording treatment duration. This digital system enhances our ability to analyze operations, generate treatment reports, and adjust zones based on real-time data, image 2.

We're also developing tools to track crew movements within zones, facilitating task progress monitoring.



Image 2. Three [catch basin](#) zones in this town outlined in white, along with service request locations. The different colors alert our technicians to the status of the request.

Unleash the Power of Our Online Service Request!

We highly encourage you to utilize our online Service Request form available on our website for any service requests, image 3. By doing so, your request is promptly logged into our database, allowing our crew to respond in real time, thereby enhancing our efficiency in addressing issues in your area.

Upon submission, you will receive an email confirming receipt of your request. Furthermore, you'll receive a follow-up email once the service has been completed. In case of service cancellation due to unforeseen circumstances such as inclement weather, you'll be promptly notified via email as well.

This spring, we're enhancing our service request form to ensure clarity for residents regarding the type of service they're requesting. One significant upgrade includes email address confirmation to guarantee the delivery of confirmation and completion emails, leaving no room for doubt regarding the status of your request.

Moreover, all requests are directly linked to our mapping system, enabling us to visualize them on the map according to their address/location and color-coded based on priority. This visual aid assists our crew in pinpointing the exact location of the request and, with the aid of satellite imagery, planning the best access route to the site in advance. The link to submit a request is: [Request Service Here](#)



Image 3. Easy to find service request button on our homepage.

Mosquito Multilingualism in Action!

NEMMC is thrilled to announce an addition to our [website](#) that we believe will greatly enhance your experience: the introduction of a translation feature, image 4. This new functionality is designed to break down language barriers and ensure that our content is accessible to a wider audience within our district.

With the translation feature, you have access to our website content in multiple languages. Whether you're a native English speaker looking to explore content in Spanish, French, German, or any other language, or if you're a non-English speaker interested in accessing our content in your preferred language, this feature empowers you to do so with ease, image 5.

We understand the importance of inclusivity and accessibility, which is why we've implemented this feature to better serve our diverse member communities. NEMMC wants everyone to feel welcome and engaged with the valuable information and resources available on our website.

How does it work? It's simple! Just look for the language selector tool located on the bottom of our website's page. From there, you can choose your preferred language, and our advanced translation technology will instantly convert the content for you. Whether you're browsing on your computer, tablet, or smartphone, the translation feature is seamlessly integrated into our website for your convenience. We're excited for you to explore our website in your preferred language and discover all that it has to offer.



Image 4. The option to choose from several languages.

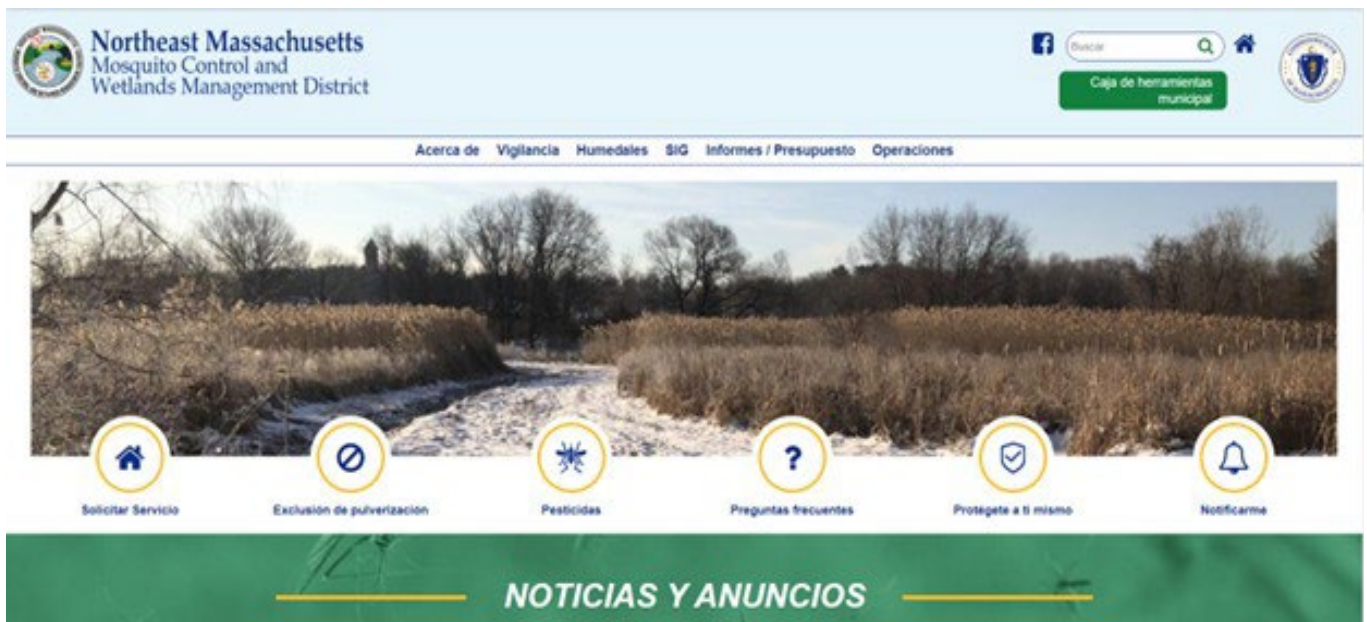


Image 5. Website translated into Spanish

Protect Your Limbs

Operating a chainsaw without [personal protective equipment \(PPE\)](#) is asking for disaster. Whether you're a daily chainsaw user or an occasional one, PPE significantly decreases the risk of serious injury or worse. According to the Centers for Disease Control and Prevention, 36,000 individuals seek hospital treatment annually due to chainsaw-related injuries.

Key PPE items include a hard hat, cut-resistant safety chaps, and eye and hearing protection. Wearing a hard hat is vital as falling branches or limbs pose a constant hazard. Cut-resistant chaps are essential; if the chainsaw chain makes contact with a leg, these chaps are designed to tangle and slow or halt the moving chain. Since wood chips and debris fly during chainsaw operation, safeguard your eyes with safety glasses.

Although chainsaws may seem daunting, with proper PPE and training, the risk of injury is significantly reduced.



Image 6. Appropriate PPE



Image 7. Staff learning on site on day two of class



Image 8. The start to a perfect score

Sluiceway Shenanigans

NEMMC received a call from a community member about flooding caused by a malfunctioning sluiceway on a small dam, image #8 & #9, leading to significant mosquito breeding. Tackling this unique challenge, we cleared the site, revealing the foundation of the sluiceway, see image #10. With the District Director, our concrete expert, leading the way, we poured cement to match the opposing headwall, image #11. Team effort prevailed, especially when the cement truck arrived.

After a few days, the forms were removed, image #12, and erosion control was implemented, allowing water to flow freely, and reducing the mosquito breeding ground, image #13. It was a rewarding project, and the outcome speaks for itself. Great job, team NEMMC!



Image 9. Blockage covering area.



Image 10. Area cleared



Image 11. Foundation revealed.



Image 12. New foundation poured.



Image 13. Repaired foundation.



Image 14. New erosion control



EMBRACING THE SEASONAL HUSTLE

