



City of New Bedford
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City of New Bedford
Jonathan F. Mitchell, Mayor

P R E S S R E L E A S E

West Nile Virus detected in latest mosquito sample at New Bedford Business Park

New Bedford, Massachusetts– The Massachusetts Department of Public Health (MDPH) has notified the New Bedford Health Department of the finding of West Nile Virus in a primarily bird-biting mosquito sample obtained in the area of the New Bedford Business (Industrial) Park, located off of Phillips Road in the far north end of New Bedford. The mosquito is of the *Culiseta melanura* species and is mainly bird-biting.

The New Bedford Health Department and Bristol County Mosquito Control Program has completed its spraying of parks and events for the season. With cooler overnight temperatures, mosquito surveillance is less effective and the small numbers of mosquitoes trapped are not indicative of actual risk. While spraying is no longer an effective tool in reducing the threat under current temperature conditions, other precautionary measures remain effective.

Though populations are declining as we move away from mosquito season and into colder weather, it remains important to take precautions to prevent mosquito bites. Residents are urged to apply mosquito repellent and use clothing to reduce exposed skin.

The risk of mosquito-borne illness typically extends until an area has experienced a hard frost. A hard, or killing, frost is defined meteorologically as two consecutive hours of temperatures below 28 degrees Fahrenheit. This will occur at different times for different communities, and there may even be variation within communities based on local geography. Although mosquitoes are not killed until a hard frost occurs, they are extremely unlikely to be active when temperatures fall below 50 degrees in the evening.

Like EEE and West Nile, the New Bedford Health Department works closely with the Massachusetts Department of Public Health to track other emerging mosquito-borne diseases such as the Zika virus. While Zika-carrying mosquitoes have not been identified in the New Bedford area, and the Massachusetts Department of Public Health reports that the likelihood of becoming infected with Zika virus from a mosquito bite in Massachusetts is very low, residents are urged to take the general precautionary measures to prevent mosquito bites. In addition, travelers to areas where the Zika virus has been detected in mosquitoes or humans should take

extra precaution to avoid being bitten by mosquitoes during their trip. This includes both females and males who travel to areas where the Zika virus is occurring. If you or your partner is planning on traveling, you should check the Centers for Disease Control and Prevention website for information about where Zika virus is occurring:

<http://wwwnc.cdc.gov/travel/page/zika-information>.

The same precautionary measures are advised for EEE, WNV, and the Zika virus. These include the following:

Avoid Mosquito Bites

- **Be Aware of Peak Mosquito Hours** – While mosquitoes are out at all hours of the day, their peak biting times are from dusk to dawn. Consider rescheduling outdoor activities that occur during evening or early morning. Otherwise, take extra care to use repellent and protective clothing, especially if you work or spend a lot of time outdoors.
- **Clothing Can Help Reduce Mosquito Bites.** Although it may be difficult to do when it's hot, wearing long-sleeves, long pants and socks when outdoors will help keep mosquitoes away from your skin.
- **Apply Insect Repellent when you go outdoors.** Use a repellent with **DEET** (N, N-diethyl-m-toluamide), **permethrin**, **picaridin** (KBR 3023), **IR3535** or **oil of lemon eucalyptus** [p-methane 3, 8-diol (PMD)] according to the instructions on the product label. DEET products should not be used on infants under two months of age and should be used in concentrations of 30% or less on older children. Oil of lemon eucalyptus should not be used on children under three years of age. Permethrin products are intended for use on items such as clothing, shoes, bed nets and camping gear and should not be applied to skin.

Mosquito-Proof Your Home

- **Drain Standing Water** - Mosquitoes lay their eggs in standing water. Limit the number of places around your home for mosquitoes to breed by either draining or getting rid of items that hold water. Check rain gutters and drains. Empty any unused flowerpots and wading pools, and change water in birdbaths frequently.
- **Install or Repair Screens** - Some mosquitoes like to come indoors. Keep them outside by having tightly-fitting screens on all of your windows and doors.

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