

PICKAWAY COUNTY GENERAL HEALTH DISTRICT

P.O. BOX 613 CIRCLEVILLE, OHIO 43113

Phone: (740) 477-9667 ♦ Fax: (740) 474-5523 ♦ Clinical Health Fax (740) 420-6102



Pickaway County Mosquito Control Program – West Nile Virus Report – 9.6.2017

The Pickaway County General Health District (PCGHD) has been conducting mosquito surveillance and control activities in Pickaway County under the Ohio EPA's Mosquito Control Grant during the summer of 2017. Mosquito Surveillance activities include mosquito trapping, dipping for larvae in stagnant water sources, and response to mosquito complaints involving tall grass, tall weeds, stagnant water locations, and scrap tire / solid waste complaints. Mosquitoes that are trapped during surveillance are sent to Ohio Department of Health to be identified and tested for West Nile Virus. Through our 2017 mosquito surveillance activities, we have observed an increased number of West Nile Virus positive mosquitoes compared to the 2016 surveillance season. PCGHD advises that residents take extra precaution to help control mosquitos and protect themselves from mosquitos that can spread diseases such as West Nile Virus or other mosquito borne diseases.

On September 5, 2017 PCGHD received a report of an additional pool of mosquitoes that tested positive for West Nile Virus located from trap sites on Brooks Miller Road in Muhlenberg TWP, 4th Street Darbyville, and Island Road in Walnut TWP. PCGHD staff are conducting additional surveillance activities in these areas which include additional trapping of mosquitoes, public outreach, and mosquito control activities to help eliminate potential breeding sites of mosquitoes and harborage of mosquitoes. As a control measure, health district staff are applying larvicide in areas near the positive WNV trap sites where stagnant water sources are observed (storm water ponding, poorly drained ditches, storm water catch basins, and at nuisance properties). Please review the report on page 2 with locations / trap sites that have been found to have mosquitoes that tested positive for West Nile Virus.

West Nile Virus typically occurs in the summer months between June and September and can be spread to humans through a bite from an infected mosquito. According to the Centers for Disease Control, most people (70-80%) that are exposed to West Nile Virus do not show signs or symptoms of the disease, about 1 in 5 people who are infected will develop fever with other symptoms such as headache, joint pains, rash, or vomiting / diarrhea and less than 1% of people who are infected will develop serious conditions such as encephalitis or meningitis. If you experience any of these symptoms, PCGHD recommends you seek medical attention by contacting your primary care physician, urgent care, or local emergency department.

We are asking that local residents report standing water or stagnant water, tall grass or tall weed nuisances, scrap tire nuisances, solid waste nuisances or other conditions that can provide harborage for mosquitos in the area so PCGHD staff can complete additional surveillance, promote mosquito source reduction, and apply of larvicide in the area to help reduce mosquito problems.

How to PROTECT yourself: The PCGHD advises the following tips to protect yourself and children from mosquito-borne illnesses and West Nile Virus:

1. When going outdoors, wear long sleeve clothing and pants to provide a protective layer that discourages mosquitoes from biting.
2. Consider using a personal insect repellent that contains DEET. Use repellent that contains less than 10 percent or less of DEET on children. Be sure to read the product directions before application.
3. Avoid using scented products such as perfumes or cologne.

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4. Avoid areas that have high populations of mosquitoes. Take extra precaution when being outdoors during hours that mosquitoes are more active (at dawn and dusk).

How to PREVENT MOSQUITO BREEDING AROUND YOUR HOME:

1. Empty water from items that can hold water, or store items that can hold water in a dry location (etc. buckets, kid pool, bird baths, scrap tires)
2. Aerate fountains to keep water moving or becoming stagnant. Properly chlorine and filter pool water to keep water from becoming stagnant.
3. Remove solid wastes and scrap tires from your property to prevent mosquito breeding sites.
4. Cut tall vegetation or grass routinely to reduce mosquito harborage around your home.
5. Keep gutters and downspouts clean of debris and adequately drained. Fill in holes or depressions in your yard that can hold stagnant water or ponding of water.

Pickaway County General Health District also has free larvicide treatments available at 110 Island road, suite C. The larvicide product can be used in a standing water source that cannot be dumped or removed and will kill mosquito larvae before they can develop into adult mosquitoes. Feel free to stop by our office and obtain the larvicide product for use at your home. To report mosquito problems or complaints, or if you have additional questions about West Nile Virus or other mosquito borne illnesses, or have questions about our mosquito surveillance program, please call 740-477-9667.

To View the location of our trap sites, please visit:

<https://www.mapcustomizer.com/map/Mosquito%20locations%20and%20%23%20mosquitoes%202017>

-the red marker indicates the location where the West Nile positive mosquitoes were found.

Please visit www.pchd.org for more helpful information

| Locations of trapping | Township/village | # of Mosquitoes caught | # of Positive Pools | #of mosquitoes in pool |
|----------------------------------|---------------------|------------------------|---------------------|------------------------|
| Meadow Drive | City of Circleville | 2 | 0 | 0 |
| Chatham Drive | City of Circleville | 0 | 0 | 0 |
| Pickaway County Animal Shelter | Washington TWP | 6 | 0 | 0 |
| AW Marion State Park Campgrounds | Washington TWP | 76 | 0 | 0 |
| Barthelmas Park | City of Circleville | 6 | 0 | 0 |
| Bufflo Wild Wings | Circleville TWP | 5 | 0 | 0 |
| Pacer Court | City of Circleville | 132 | 0 | 0 |
| Danielson Circle | South Bloomfield | 65 | 0 | 0 |
| Northup Avenue | South Bloomfield | 3 | 0 | 0 |
| Old Duvall Road | Harrison TWP | 351 | 0 | 0 |
| Ted Lewis Park | City of Circleville | 142 | 0 | 0 |

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| | | | | |
|---|---------------------|-----|---|-----|
| Victory Street | Williamsport | 167 | 0 | 0 |
| Deer Creek State Park (Beach) | Perry TWP | 259 | 0 | 0 |
| Deer Creek State Park (Boat Ramp) | Perry TWP | 108 | 1 | 18 |
| Deer Creek State Park (Campgrounds) | Monroe TWP | 91 | 0 | 0 |
| Ohio Christian University Baseball fields | City of Circleville | 20 | 0 | 0 |
| Pickaway County Fairgrounds | City of Circleville | 279 | 0 | 0 |
| Mary Virginia Crites Park | City of Circleville | 87 | 0 | 0 |
| Battelle Darby Creek Pleasant Valley | Darby TWP | 92 | 0 | 0 |
| Foxfire Golf Club | Commercial Point | 39 | 0 | 0 |
| Southern Point Community | Scioto TWP | 86 | 0 | 0 |
| Popular Street | Perry TWP | 93 | 0 | 0 |
| Locust Grove | Perry TWP | 93 | 2 | 38 |
| Williamsport Utilities | Williamsport | 3 | 0 | 0 |
| S Water Street | Williamsport | 114 | 0 | 0 |
| State Route 207 | Perry TWP | 25 | 1 | 23 |
| Tarlton Cemetary | Tarlton | 44 | 0 | 0 |
| Main Street | Tarlton | 52 | 0 | 0 |
| 160 Main St. Tarlton | Tarlton | 58 | 0 | 0 |
| Swackhammer Road | Circleville TWP | 165 | 0 | 0 |
| Lincoln Drive | City of Circleville | 250 | 1 | 37 |
| Lockbourne Eastern Road | Harrison TWP | 179 | 2 | 61 |
| Lockbourne Lodge | Harrison TWP | 824 | 7 | 287 |
| Duvall Community Church(old) | Harrison TWP | 144 | 0 | 0 |
| East Old Duvall Court | Harrison TWP | 59 | 0 | 0 |
| Graham Drive | Orient | 116 | 1 | 28 |
| Buzzard Road | Orient | 32 | 0 | 0 |
| Buzzard Road Home #2 | Orient | 22 | 0 | 0 |
| Mill Street | Orient | 22 | 0 | 0 |
| Larkspur within Foxlair Farms | Orient | 69 | 0 | 0 |
| Darbyville Church | Darbyville | 12 | 0 | 0 |
| 4th st. Darbyville | Darbyville | 23 | 1 | 4 |
| Darbyville park | Darbyville | 25 | 0 | 0 |
| Brook Miller Road | Muhlenberg TWP | 28 | 1 | 17 |
| Island Road | Walnut TWP | 19 | 1 | 1 |
| Deer Creek State Park #2 visit (Campground) | Monroe TWP | 83 | 0 | 0 |
| Deer Creek State Park #2 visit (Beach) | Perry TWP | 11 | 0 | 0 |
| Deer Creek State Park #2 visit(Boat Ramp) | Perry TWP | 60 | 0 | 0 |
| Norfolk Avenue | City of Circleville | 15 | 0 | 0 |
| Thompson Road | Deercreek TWP | 20 | 0 | 0 |
| S Water Street (second visit) | Williamsport | 36 | 0 | 0 |
| Victory Street (third visit) | Williamsport | 23 | 0 | 0 |
| Popular Street (second visit) | Perry TWP | 55 | 0 | 0 |

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|-------------------------------------|-----------|------|----|-----|
| Locust Grove (second visit) | Perry TWP | 67 | 0 | 0 |
| State Route 207 home (second visit) | Perry TWP | 82 | 0 | 0 |
| TOTALS | | 4939 | 18 | 514 |