

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 – 9.29.2017

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 28, 2017 PCGHD received a report of an additional pool of mosquitoes that tested positive for West Nile Virus located from trap sites at the Pickaway County Fairgrounds in Circleville, OH. 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 may apply 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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- 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:

- 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)
- Aerate fountains to keep water moving or becoming stagnant. Properly chlorine and filter pool water to keep water from becoming stagnant.
- Remove solid wastes and scrap tires from your property to prevent mosquito breeding sites.
- Cut tall vegetation or grass routinely to reduce mosquito harborage around your home.
- 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	Date(s) of Collecting Postive WNV Mosquitoes
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 Circlville	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	

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Ted Lewis Park	City of Circleville	142	0	0	
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	6/30/2017
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	07/18/2017 & 07/20/2017
Williamsport Utilities	Williamsport	3	0	0	
S Water Street	Williamsport	114	0	0	
State Route 207	Perry TWP	25	1	23	7/21/2017
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	8/2/2017
Lockbourne Eastern Road	Harrison TWP	179	2	61	08/03/2017 & 08/04/2017
Lockbourne Lodge	Harrison TWP	824	7	287	08/03/2017 & 08/04/2017
Duvall Community Church(old)	Harrison TWP	144	0	0	
East Old Duvall Court	Harrison TWP	59	0	0	
Graham Drive	Darby TWP	116	1	28	8/9/2017
Buzzard Road	Darby TWP	32	0	0	
Buzzard Road Home #2	Darby TWP	22	0	0	
Mill Street	Orient	22	0	0	
Larkspur within Foxlair Farms	Darby TWP	69	0	0	
Darbyville Church	Darbyville	12	0	0	
4th st. Darbyville	Darbyville	23	1	4	8/17/2017
Darbyville park	Darbyville	25	0	0	
Brook Miller Road	Muhlenberg TWP	28	1	17	8/17/2017
Island Road	Walnut TWP	19	1	1	8/15/2017
Deer Creek State Park #2 visit (Campground)	Monroe TWP	83	1	13	8/24/2017
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	

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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	1	6	8/30/2017
Locust Grove (second visit)	Perry TWP	67	0	0	
State Route 207 home (second visit)	Perry TWP	82	1	14	8/31/2017
Circleville Highschool Wetlands	City of Circleville	22	0	0	
AW Marion State Park Campgrounds	Washington TWP	14	0	0	
Pickaway County Fairgrounds	City of Circleville	387	6	203	09/12/17 & 09/13/17 & 09/14/17
circleville Highschool Wetlands (second visit)	City of Circleville	92	0	0	
Total Number of Mosquitoes		5454	27	750	