

October is the end of mosquito surveillance for the season in Beaver County.

Surveillance for West Nile Virus concluded for the season on September 30th but we continued surveillance for *Aedes albopictus* (Asian Tiger Mosquito) until October 14th. In October, we collected 118 mosquitoes from 3 BG sentinel traps set at fixed sites.

As a wrap up for the 2022 season, the final collection counts and West Nile Virus results are...

13 positive West Nile Virus mosquito gravid traps throughout the county.

350 gravid traps set throughout the county.

A total of 32,386 mosquitoes were collected in gravid traps.

43 BG Sentinel traps were set throughout the county.

A total of 1,776 mosquitoes were collected in BG traps.

197 larval dipping samples were taken throughout the county.

A total of 1,198 larvae/pupae were collected through dipping sampling.

3 birds were collected for West Nile Virus testing, all results were negative for West Nile Virus.

We responded to 7 calls of concern from Beaver County residents.

Control activity throughout the county included larvicides to control mosquito larvae and LV (low volume) backpack barrier sprays for adult mosquitoes.

7 Adult Control Events.

231 Larval Control Events.

As part of our habitat reduction and outreach to residents of the county, we conducted a small tire event in October for pre-registered participants. This event and our spring tire event collected over 1,000 tires in 2022!

We strive to reach out to Beaver County residents with education. We offer information and methods for citizens to reduce and remove mosquito habitat and ways to protect themselves against diseases like West Nile Virus. We attend various events in the county throughout the year. This year we attended/offered 11 events, including the Hookstown Fair and Big Knob Fair. We have a display in our Beaver County Conservation District MEC (Mobile Education Center) which shows the various surveillance traps we utilize. We offer educational information to visitors including pamphlets that explain how to identify and reduce mosquito habitat, mosquito activity books for kids, mosquito dunks, and bookmarks that explain West Nile Virus and mosquitoes and another for ticks.

We also have a permanent display of surveillance techniques located at our Environmental Education Center here at the district office. We are always available to answer questions or discuss West Nile Virus. Any questions related to West Nile Virus or mosquito concerns, please contact, or visit us at the Beaver County Conservation District 724-378-1701 ext. 222

See you next spring!