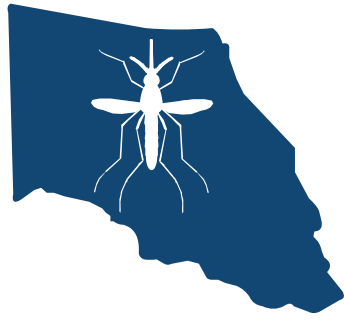




MOSQUITO ABATEMENT

ST. TAMMANY PARISH

JULY

monthly report

St. Tammany Parish Mosquito Abatement



Letter from the Director



Executive Director
Kevin Caillouet,
Ph.D., M.S.P.H.

St. Tammany Parish residents must take precautions now to prevent infection from West Nile virus carrying mosquitoes. Avoid key biting times at dusk and dawn and wear repellent if you must be outside at these times. The risk of transmission of West Nile virus (WNV) is as high now as it has been since 2012. In that year, 24 St. Tammany Parish residents contracted West Nile virus. To date in 2025, 7 residents have been diagnosed with West Nile neuroinvasive disease and another 2 people without symptoms were discovered to be infected with WNV when they donated blood.

Total mosquitoes collected in traps during July totaled 21,253 over 311 trapping nights or on average 68 mosquitoes per trap night. Of the 400 pools (or groups) of mosquitoes tested in July for arboviruses, 30 tested positive for West Nile virus infection. Ultra-low volume truck applications of insecticide were applied to 93,251 acres in July in 148 missions. In addition, the aerial team completed an additional combined 6 missions covering 121,780 acres in the De Havilland Twin Otter airplane and Bell 407 GXi helicopter.

The STPMAD field team includes nine larvicide team members who treat the >600 miles of sewage-polluted roadside ditches across the parish. The field team also includes nine Mosquito Biologists who respond to your door on requests for service. These biologists are trained to diagnose any mosquito problems you may be having and to offer solutions tailored to your circumstance. If you are experiencing a mosquito problem, we need to know! Complete the web form at: <https://stpmad.org/service-request-form/> to let us know, whether you'd like to talk to someone in person about the issue or not.

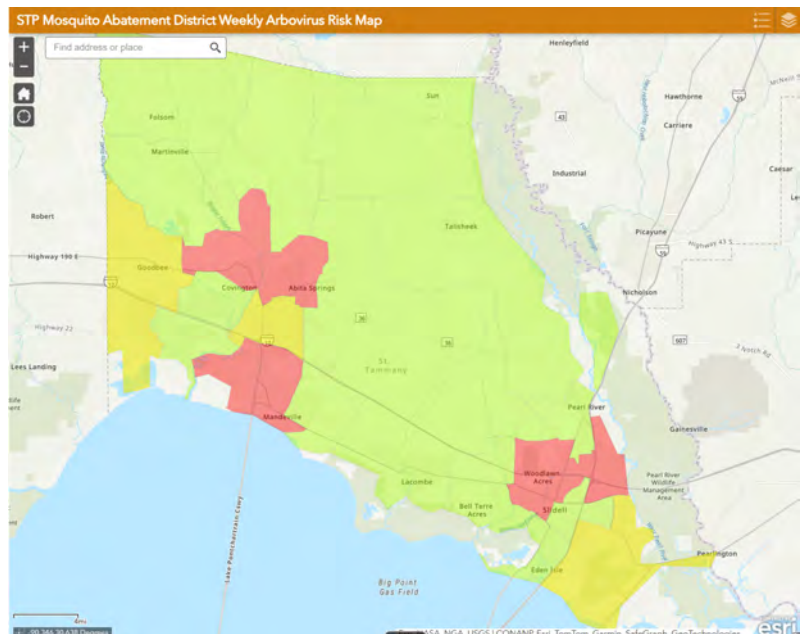
Please also take time to visit our arbovirus risk map to check on the current West Nile risk level: <https://stpmad.org/arbovirusmap/>. Its time to wear your mosquito repellent, St. Tammany.

Yours in health,

A handwritten signature in blue ink, appearing to read 'K. Caillouet'.

Kevin A. Caillouet, Ph.D., M.S.P.H.
Director

Arbovirus Risk Map
found on our website at
stpmad.org/arbovirusmap/



Take These Simple Measures To Protect Yourself



Wear Insect Repellent

Use EPA approved insect repellent containing DEET, picaridin, IR3535, or oil of lemon eucalyptus.



Avoid Dusk & Dawn

Avoid being outdoors during peak biting times in the hours before and after dusk and dawn.



Wear long sleeves

Protect your skin from bites by wearing long sleeves and pants.



Submit a Service Request

We can send a biologist out to inspect your property to find and, when possible, treat the source of your mosquitoes! Visit stpmad.org.



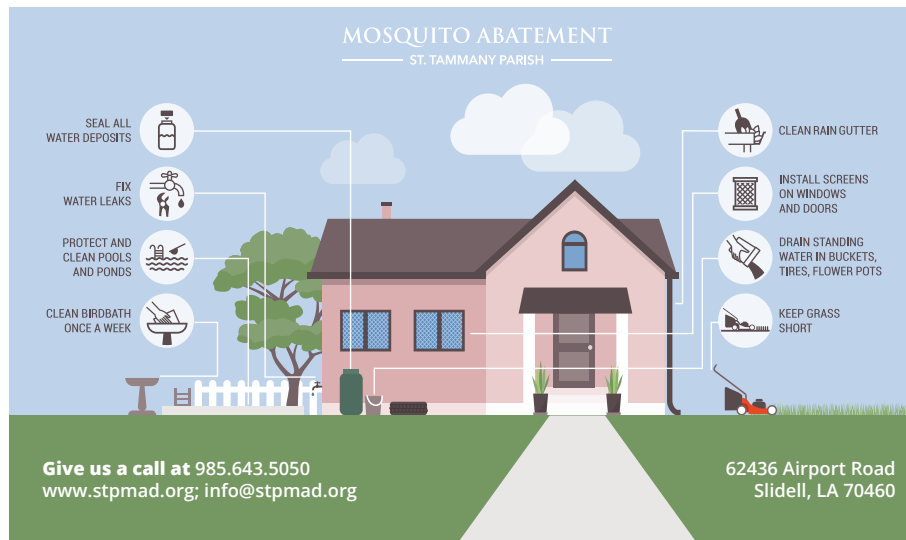
Inspect Septic System

Perform regular septic system maintenance

1. Ensure aerators are plugged in and operable.
2. Pump tank out every 3-5 yrs.
3. Check lid for cracks or holes.
4. Upgrade your system if necessary (every 20 years).



PROTECT YOUR HOME AGAINST MOSQUITOES



Trim Vegetation

A clean ditch will allow our larvicides to reach the surface of the water where they are able to treat the larvae before they are able to mature into biting adult mosquitoes. We treat over 600 miles of septic roadside ditches each week.

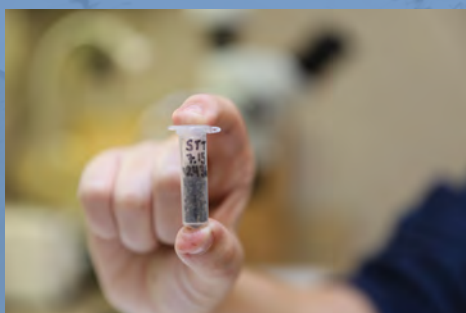
July Arbovirus Report

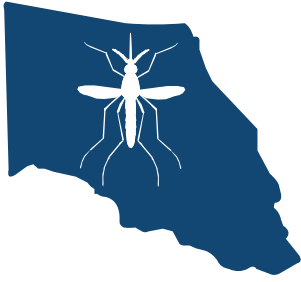


Thirty of the 400 pools tested (7.5%) were positive for West Nile virus (WNV) in the month of July and 45 WNV-infected pools out of 2575 pools tested for the year-to-date. Adult mosquitoes are collected using No Light CO₂-baited CDC traps and tested in pools (or groups) via RT-PCR, here at STPMAD.

A total of 9,441 mosquitoes were collected and tested for WNV during July 2025 across St. Tammany Parish. Populations of *Culex quinquefasciatus*, our primary WNV vector, accounted for 42.7% of mosquitoes submitted for virus testing. *Culex salinarius*, a secondary WNV vector, and second most abundant species comprised 25.2% of the mosquitoes collected and tested for WNV.

The Louisiana Department of Health has reported seven cases of WNV Neuroinvasive Disease in St. Tammany Parish, this year-to-date.





MOSQUITO ABATEMENT

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