

June, 2021

The Valley Buzz

MANAGER'S MESSAGE:



As of June 18th, the District has not detected any positive mosquitoes for West Nile virus. For the state of California, as of June 18th, there have been 29 West Nile virus (WNV) positive mosquito samples from 8 counties.

With the upcoming July 4th holiday, please remember to wear your mosquito repellent when outdoors!

For status updates on West Nile Virus in the District, please connect with us on Facebook or Twitter, or go to www.wvmvcd.org.

Dr. Michelle Brown

TECHNICIAN'S TIPS:

4th of July – There's More in the Sky than Fireworks!

While it is thrilling that the County is reopening, some things, like taking repellent with you on your outings, may be forgotten in the excitement of returning to some normalcy.

Many residents will be celebrating the 4th with friends and family, and visiting fireworks shows. If the current heat wave continues, mosquito populations will be rising and outdoor activities will put us in the crosshairs of blood-seeking mosquitoes. So, make sure you pack some mosquito

repellent along with your chairs, charcoal, and hamburgers!



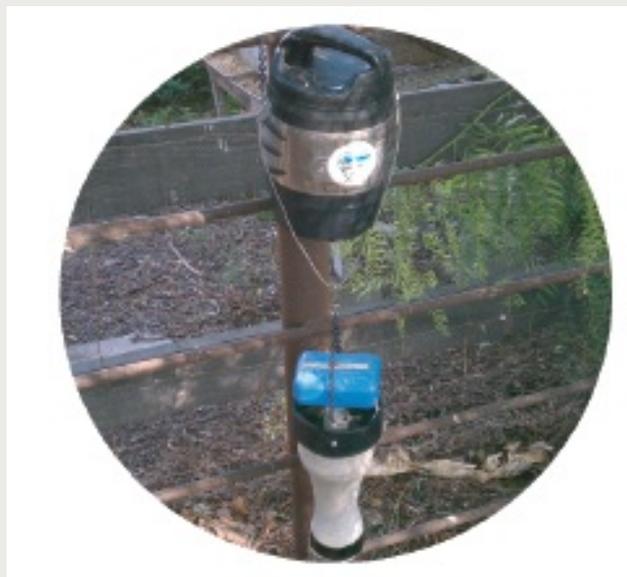
Mosquito repellent: as essential as sunscreen and lemonade!!

FROM OUR LABORATORY:

Trap types – the Right Tools for the Job!

Surveillance trapping is used to better understand the mosquito populations in an area. Our laboratory employs different traps based on various factors such as the species of mosquito, the stage of life they are in, and the goal of the trapping. Below are brief descriptions of the traps we use monitor the mosquitoes in the West Valley.

CDC or Carbon Dioxide Trap:



These traps target female mosquitoes looking for blood. They are hung in trees and other shady places. The top portion is an insulated container that

houses dry ice. As the dry ice warms, carbon dioxide gas is released, which lures in female mosquitoes looking for a blood meal. The fan draws mosquitoes in and the net holds them for collection.

Gravid Trap:



These traps target female mosquitoes that have taken a blood meal and are ready to lay eggs. The traps are baited with smelly water – mosquitoes can't resist laying their eggs in the soupy mess! The mosquitoes are sucked into a container by the fan above the water. The containers are brought into the lab so staff can count and identify the mosquitoes.

BG Sentinel Trap:



The District uses these traps to target invasive Aedes mosquitoes looking for a blood meal. The trap uses visual clues, smells found on human skin, and can also employ carbon dioxide to trick mosquitoes into thinking a human is around. These also employ a fan to draw the mosquitoes into a mesh where they stay trapped and collected by lab staff.

OUTREACHING OUT TO YOU!

Essential Updates:

As mosquito season intensifies, the outreach team has begun posting weekly updates about mosquito-borne diseases. Every Friday, we post the results of our laboratory tests on social media and on our website. Be sure to subscribe and visit us on Facebook, Instagram, and Twitter for all the latest information!

West Nile Virus Update

**There were no positive West Nile virus
mosquito samples collected this week
May 31st - June 4th, 2021.**



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Stay in the know with our weekly updates!

While we face many challenges in public health, we are confident that with your continued support, cooperation, and friendship, we can continue to protect our residents in this vast and ever-changing landscape.

Thank you for supporting us over the years!

Contact Us
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Website: wvmvcd.org

Connect with us

