Vector Control District launches new logo.

From wildlife and rodent exclusion, to disease surveillance and mosquito abatement, the Vector Control District is here to serve and protect the community from vectors and diseases.

For more information about our services, visit SCCVector.org or call 408-918-4770.
MESSAGE FROM THE MANAGER

West Nile virus (WNV) season is ending, however, the District will continue to pick up and test dead birds. We ask the public to continue submitting dead bird sightings by filling out a service request at SCCVector.org or by calling the District office at 408-918-4770.

On the East Coast and upper Midwest, Eastern equine encephalitis had high activity. Eastern equine encephalitis, also known as the Triple E virus, is a zoonotic virus (infectious diseases that spread between animals and people) that has currently been of major concern in the East coast. Due to the virus carrying mosquito not being present in California, the state is not testing mosquitoes for Triple E.

Mosquitoes that are checked in California, include the house mosquito and the Western Encephalitis mosquito (Culex pipiens and Culex tarsalis), which are tested at the University of California Davis Arbovirus Research and Training (DART), or at a local agency. These mosquitoes are screened for WNV, Western equine encephalitis, and Saint Louis encephalitis, which are the prominent diseases currently present in the state. The yellow fever mosquito is also tested at DART for chikungunya, dengue, and Zika.

If you are planning to travel to the East coast or elsewhere, visit cdc.gov for tips on how to prevent mosquito bites.

Sincerely,

Nayer Zahiri

Nayer Zahiri
County of Santa Clara
Vector Control District Manager
A VECTOR is any animal or insect that can transmit diseases to animals or people.
SEPTEMBER UPDATES

The District employs seasonal staff to check and treat mosquito larvae in flooded street stormwater catch basins, curbs, naturally breeding sources, and ponds.

These sites hold standing water due to rainfall or urban runoff from domestic water usage.

Stagnant water in these areas, and in neglected swimming pools, can breed mosquitoes that can carry dangerous human diseases like West Nile virus.

The County of Santa Clara Vector Control District actively monitors such locations to prevent these local nuisances from emerging and potentially spreading diseases.

Map 1. Staff inspected 5,623 catch basins and treated 298 that were found to contain mosquito larvae.
Map 2. 14 of 31 inspected curbs were treated to control mosquito breeding.

Map 3. Inspected 29 reported neglected pools and treated 2 that were found to be breeding mosquitoes.
**OPERATIONS REPORT DATA**

Map 4. Inspected 340 different locations, including man-made habitats such as ponds, creeks, and marshes, treating 73 that were breeding mosquitoes.

Map 5. Delivered a total of 115 mosquitofish during 25 service requests.
WEST NILE VIRUS SURVEILLANCE

STATE WIDE
As of September, there were a total of 33 counties with West Nile virus (WNV) activity in 2019. Of the 33 counties, 17 had a total of 112 human cases combined, including San Diego, Riverside, Fresno, Madera, Merced, Solano, and other counties. The remaining 16 counties have WNV activity but no human cases, including Ventura, Kings, Contra Costa, Sacramento, Placer, Shasta, Santa Clara County, and others.

SANTA CLARA COUNTY
In September, a total of 12 dead birds were collected in the County and all birds were tested for West Nile virus. Of the 12 birds, 7 were negative for WNV which included three American crows, one common raven, one fox sparrow, one goldfinch, and one song bird. The remaining five birds tested positive for WNV, which included four American crows and one Steller's jay. Mosquito traps were placed in the surrounding area of the locations of the positive birds, however, all mosquitoes trapped tested negative for WNV.

Mosquito trapping locations included areas with high mosquito activity and locations of positive dead birds.
WEST NILE VIRUS SURVEILLANCE
IN CALIFORNIA COUNTIES

West Nile Virus Activity in California Counties
2019 YTD

- Human cases: 112
- Horses: 13
- Dead birds: 175
- Mosquito samples: 3126
- Sentinel chickens: 114

Updated 09/27/19
N = 17 counties with human cases

Counties with West Nile virus activity (no human cases)

Counties with West Nile virus activity (number of human cases)
PUBLIC SERVICE REQUESTS

SEPTEMBER SERVICE REQUESTS

The District received a total of 475 service requests during September. Common service requests included mosquitoes, rodents, raccoons, wasps/yellowjackets, coyotes, and mosquitofish.

INSECT IDENTIFICATION

The District offers free insect identification services. The public can send a photo online through our service request form, at SCCVector.org, email vectorinfo@cep.sccgov.org, or drop off the sample at the District office. If possible, live samples are preferred. The District also provides sticky monitoring traps at no charge, to help capture insects.

<table>
<thead>
<tr>
<th>REQUEST</th>
<th>TOTAL</th>
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<tbody>
<tr>
<td>Mosquitoes</td>
<td>129</td>
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<tr>
<td>Rodents</td>
<td>113</td>
</tr>
<tr>
<td>Raccoons</td>
<td>40</td>
</tr>
<tr>
<td>Wasps/Yellowjackets</td>
<td>36</td>
</tr>
<tr>
<td>Coyote</td>
<td>32</td>
</tr>
<tr>
<td>Mosquitofish</td>
<td>30</td>
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<tr>
<td>Other invertebrate</td>
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</tr>
<tr>
<td>Other vertebrate</td>
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<td>Bed bug</td>
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<td>Skunk</td>
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<tr>
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</tbody>
</table>

Bed bug, yellowjacket, and other invertebrate service requests
OUTREACH PROGRAM

PUBLIC EDUCATION

September outreach efforts included hosting an educational booth at the City of Sunnyvale City fair, CISCO fair, and providing educational presentations to Covington Elementary School, Owens Early College High School, and a rodent presentation to the Eastside Neighborhood Senior Center. Our Health Education Specialist also presented to a Boy Scout group, that sent us this thank you note for being a guest speaker.

Each year, the District strives to educate community members on the importance of mosquito control and vector control, by providing educational information on managing other vectors such as rodents, cockroaches, and wildlife. The District offers school presentations for K-12 students, community presentations, and educational booths year-round. Interested parties can submit a presentation request online at SCCVector.org, submit an email to VectorOureach@cep.sccgov.org, or call 408-918-4794.

We thank all of the individuals and groups who provide us the opportunity to collaborate with their organizations.
To detect and minimize vector-borne diseases, to abate mosquitoes, and to assist the public in resolving problems that can cause disease, discomfort, or injury to humans in Santa Clara County.

www.sccvector.org

@sccvcd