

## GREATER LA COUNTY VECTOR CONTROL DISTRICT

David Pailin Jr. | Communications Manager | [GLAmosquito.org](http://GLAmosquito.org)

# About Our District

We are the largest of 5 vector control special districts servicing LA County, with our current cost per single family home being \$18.97 annually.



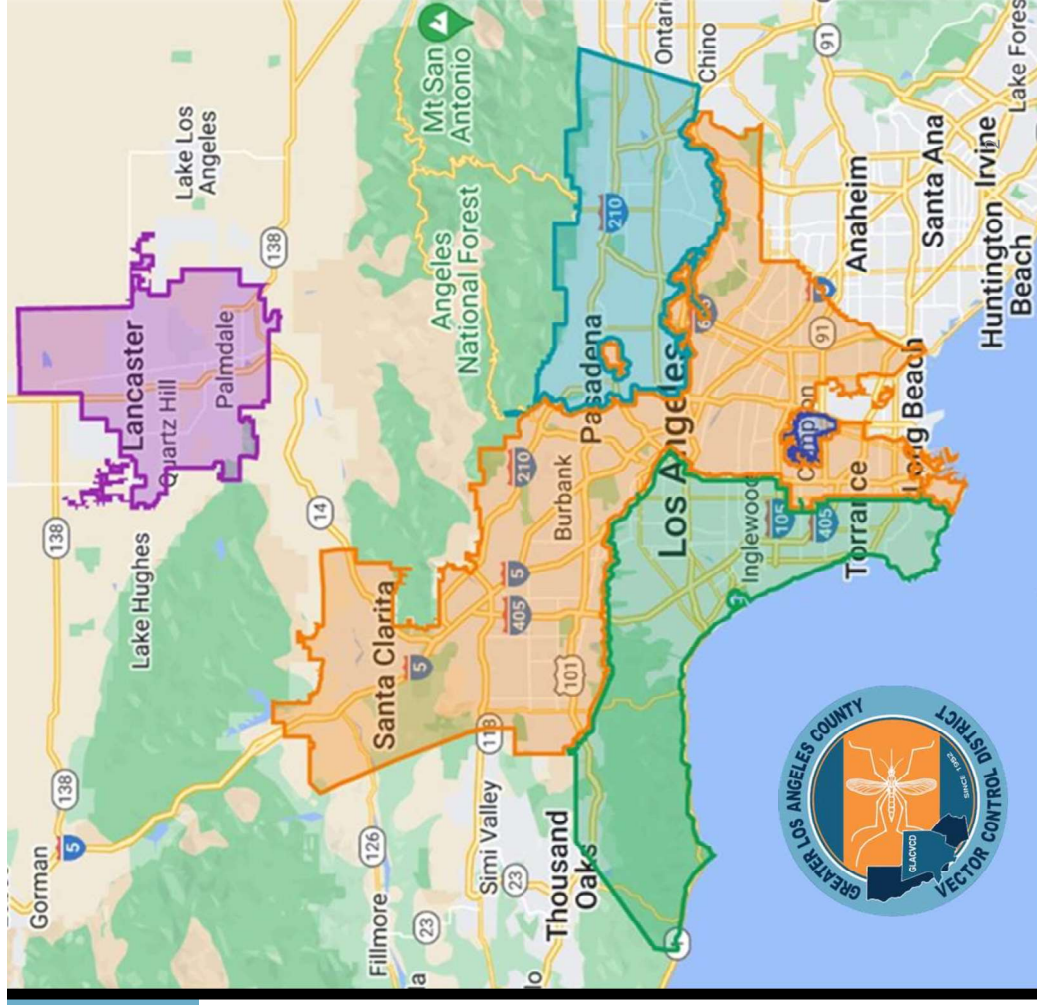
Mosquitoes



Black Fly



Midge



# Mosquito-borne Diseases in Vernon

## Dengue Fever Growing Threat

- 140 Travel-associated cases in GLACVCD jurisdiction
- 3 Locally acquired cases in GLACVCD
- 14 cases in LA County

## West Nile virus (WNV) Continuous Problem

## Saint Louis Encephalomyelitis (SLE) Occasionally Detected





# Integrated Vector Management (IVM)



Surveillance



Control



Education



*“Our departments control mosquitoes through surveillance, management, education, & outreach”*

# Operations | High Visibility

## Service Request Response

- Phone
- Website

## Mosquito-borne Disease Case Response (*Aedes*)

- Door-to-door yard inspections
- Control efforts



# Operations | Medium Visibility

Vector Control Specialist (VCS)  
Single Routes

- Public sources

Swimming Pool Program

Street Gutters





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# Operations | Low Visibility

Underground Storm  
Drain System (USDs)

Flood Control  
Channels & Stormwater

- Conveyance Systems
- Water Storage Systems



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## Vernon

Greater LA County Vector Control District

Activities: 1/1/2022 - 12/31/2024



# Mosquito Sources in Vernon (2024)

- 103 Residential & Public
- 0 Ponds & Pools
- 417 Storm Water Structures and Drains



# Scientific & Technical Department

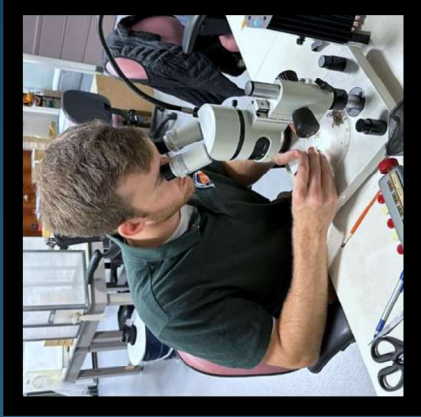
Utilizes innovative field and laboratory techniques to monitor mosquito, black fly, and midge populations as well as vector-borne diseases.



Black Fly Surveillance



Mosquito Trapping



Mosquito Identification



Dead Bird Testing

# Sterile Insect Technique (SIT)

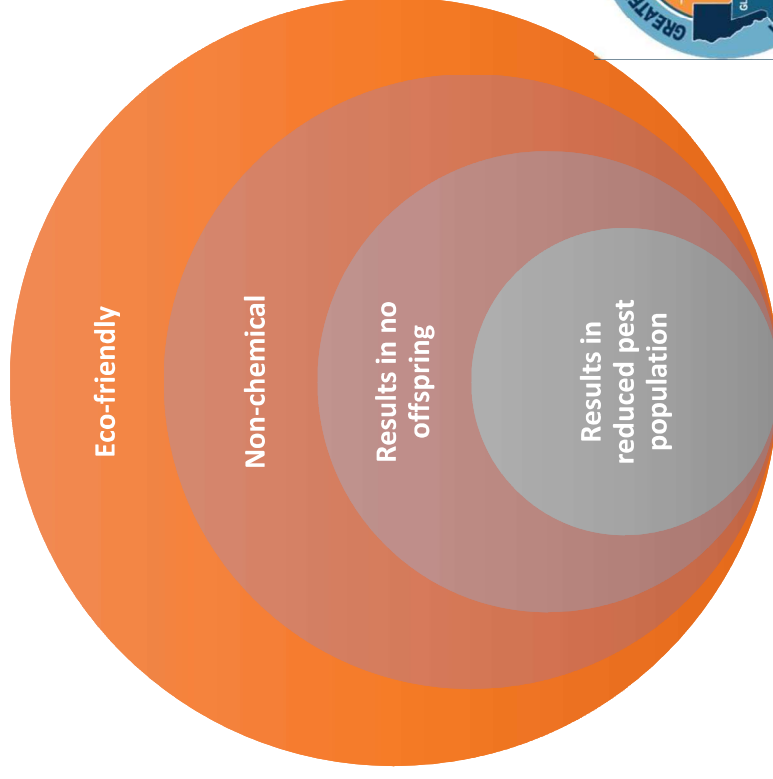
X-ray sterilization of  
male mosquitoes

Release of sterile  
males over time

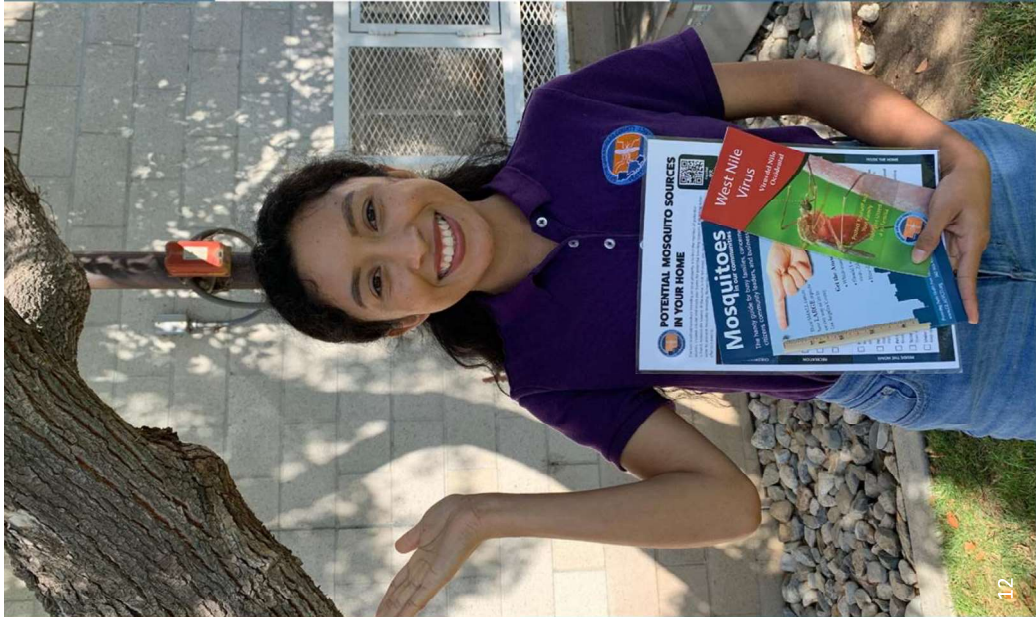
Sterile males to mate  
with wild females



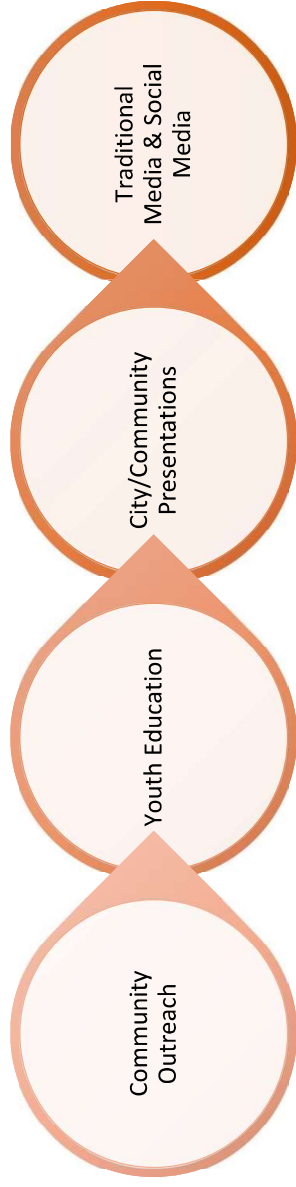
# SIT Benefits







# Communications Department



- Promotes public awareness of the District services
- Educates the public about mosquitoes and vector-borne diseases



# Partner With Us

Follow & share GLACVCD updates from social media accounts on city platforms

Encourage residents to call & visit District website to submit service requests

Add a District tab to city websites and a rolling item on city marquees / newsletters





# Thank you!

## Greater Los Angeles County Vector Control District

### Contact

Website | [www.GLAmosquito.org](http://www.GLAmosquito.org)

Phone | (562) 944-9656

Email | [communityaffairs@glacvcd.org](mailto:communityaffairs@glacvcd.org)

### SOCIAL MEDIA

@GLAmosquito

*Staff is available to answer any questions*