

## BIOLOGICAL CONTROL

District staff place mosquitofish in permanent water sources such as ponds, watering troughs, neglected swimming pools, or other areas that allow mosquitoes to develop.



One adult mosquitofish can consume up to 500 mosquito larvae per day.

## PHYSICAL CONTROL

Standing water creates opportunities for mosquitoes to develop. The District is committed to working cooperatively with landowners and land managers to limit standing water to less than 72 hours, manage emergent vegetation, maintain ditches and natural drains, and work with District staff to coordinate irrigations and mosquito control treatments.



## CHEMICAL CONTROL

The District uses larvicides proactively to control immature mosquitoes (larvae) and prevent the emergence of adults. The District also uses adulticides to control existing populations of adult mosquitoes. All products used by the District are approved for public health use by the Environmental Protection Agency, and applied by trained and state-certified technicians.



## SERVICES

The District provides year-round services to the residents of Placer County. District technicians promptly respond to requests for service and on-site inspections, and provide information about vectors including but not limited to mosquitoes, ticks, yellowjackets and rats. For inquiries or to request service, please call the District at (888) 768-2343, or visit us online at [www.placermosquito.org](http://www.placermosquito.org).



## PLACER MOSQUITO AND VECTOR CONTROL DISTRICT'S GOVERNING BOARD

The Placer Mosquito and Vector Control District is an independent, non-enterprise, special district governed by California Mosquito and Vector Control Law and a seven-member Board of Trustees. Trustees are appointed by the city and town councils and the board of supervisors in Placer County. The District is publicly funded and has monthly board meetings that are open to the public. For the most current board meeting schedule or for additional information, please contact the District toll free at (888) 768-2343, or visit us online at [www.placermosquito.org](http://www.placermosquito.org).

## FIGHT THE BITE

by practicing the District's **3Ds** of protection:

- 1. DRAIN** any standing water that may produce mosquitoes.
- 2. DEFEND** yourself against mosquitoes by using an effective insect repellent, such as DEET, Picaridin or Oil of Lemon Eucalyptus. Make sure you follow label directions!
- 3.** Contact the **DISTRICT** for help. We are here to serve you. Call us at (888) 768-2343, or visit us online at [www.placermosquito.org](http://www.placermosquito.org).

*Your tax dollars hard at work*

Placer Mosquito and Vector Control District  
2021 Opportunity Drive  
Roseville, CA 95678

(916) 380-5444 main office  
(888) 768-2343 toll free  
(916) 380-5455 fax

[www.placermosquito.org](http://www.placermosquito.org)

The Placer Mosquito & Vector Control District is concerned about protecting and preserving the environment. We strive to cut down on waste and use eco-friendly materials wherever possible.

If you must print this electronic version, please use recycled paper made from post-consumer waste.



## ABOUT PLACER MOSQUITO AND VECTOR CONTROL DISTRICT



*Protecting Public Health since 2001*





**The Placer Mosquito and Vector Control District** strives to reduce mosquito and other vector populations, promote awareness of vectors and vector-borne diseases, and decrease health risks to residents in Placer County.

Since 2001, the District has worked diligently to:

- **inspect, reduce and eliminate** mosquito breeding sources in Placer County
- **employ Integrated Pest Management** strategies and techniques to reduce vector populations and protect public health from mosquitoes and mosquito-borne diseases
- **use public funds efficiently** and responsibly to achieve the District's mission
- **educate and inform** the public about current and emerging mosquito and vector-borne diseases



### What is a vector?

A vector is an insect or any other animal capable of transmitting a disease or causing harm to people or animals.



Placer County's rich, diverse landscape from the bright city lights of the valley floor to the rolling foothills to the magnificent snow-capped mountains of the Sierra Nevada, appeals to people from all walks of life. This diverse landscape also provides attractive habitat for a wide variety of mosquitoes and other vectors including ticks and yellowjackets. Be diligent and protect yourself and your family while outdoors and enjoying all that Placer County has to offer.

## WHAT WE DO

The District uses an **Integrated Pest Management (IPM)** approach to control vector populations. This includes the use of scientific principles to make informed control decisions based on population monitoring, treatment thresholds, and the biology of the vector. This comprehensive program incorporates three basic methods: public education, surveillance and control.



### PUBLIC EDUCATION

Our public information and outreach program educates and informs the public about mosquito and vector control and prevention methods by:

- **working with educators**, community representatives, elected officials and the media to provide the most current and accurate information about public health threats posed by mosquitoes and other vectors in our county
- **engaging the public** through community events and activities
- **providing a comprehensive education** program for students of all ages



### SURVEILLANCE

We closely monitor mosquito and virus activity by trapping and testing adult mosquitoes. In addition, sentinel chickens and dead birds are tested for the presence of virus. Standing water sources throughout the county are inspected regularly for the presence of larval mosquitoes. The information gathered by this program helps guide control efforts.

