



Public Notice

December 22, 2023

***Re: Notification to Potentially Affected Governmental Agencies Regarding
Application of Pesticides by the Orange County Vector Control District (January 1, 2024– December 31,
2024)***

The Orange County Mosquito and Vector Control District (District) is hereby notifying potentially affected governmental agencies of our continued application of mosquito control pesticides within Orange County pursuant to the National Pollutant Discharge Elimination System (NPDES) Permit (Order No. 2016-0039-DWQ) [General Permit No. CAG 990004]. This permit is for discharges of biological and residual pesticides to waters of the United States, per those pesticide active ingredients approved for application within the provisions of the approved Pesticide Application Plan and the Notice of Applicability, as adopted by the State Water Resources Control Board on March 1, 2016, effective July 1, 2016, through June 30, 2021, or until renewed. This notification is for applications made from January 1, 2024 – December 31, 2024, for the suppression of vector populations and arbovirus transmission when non-chemical strategies are not feasible or effective. Each year the District will update interested agencies regarding the control products being used within the District’s boundaries (see enclosed service area map).

The District is a public health agency charged with protecting the citizens of Orange County under Division 3 of the California Health and Safety Code (CAL. HSC. §2000-2910). The District carries out its mission with a balanced approach focused on protecting public health and the environment through an effective, county-wide Integrated Vector Management (IVM) Program. As part of the IVM Program the District applies mosquito control pesticides that primarily target aquatic, immature (larval) stages of mosquitoes to prevent the emergence of adult mosquitoes, which inflict painful bites and may transmit diseases such as West Nile virus. District personnel conduct larval mosquito control year-round in a variety of urban and natural habitats, such as unmaintained swimming pools, ornamental ponds, small containers, stormwater treatment systems, riparian corridors, tidal marshes, and seasonal and permanent wetlands. Adult mosquito control, if necessary, occurs typically in the warmer months near mosquito producing habitats, like seasonal and permanent wetlands, tidal marshes, and urban areas.

All mosquito control pesticides are applied only, when necessary, by licensed District personnel according to product label instructions and in compliance with all local, state, and federal regulations. Proper applications maximize a product’s effectiveness while avoiding or minimizing any adverse impacts to the public and environment. No special precautions need to be taken by your representative agencies as the District performs these ongoing activities. There are no known water use restrictions or precautions during treatment. Please refer to the District’s website for all product labels and Safety Data Sheets.

The NPDES Permit requirements for listing of the Public Health Pesticides anticipated to be used specify that any pesticide product can be used that contain approved active ingredients, provided all pesticide label restrictions and instructions are followed. In addition, pesticides which fall under the “minimum” risk pesticides have been exempted from FIFRA requirements, and a list of these can be found at

<http://www.epa.gov/minimum-risk-pesticides/inert-ingredients-approved-use-minimum-risk-pesticide-products>.

The following tables list the active ingredients approved for the FIFRA regulated pesticides.

Active Ingredients for Larval Mosquito Control:

<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> (<i>Bti</i>)
<i>Lysinibacillus sphaericus</i> (<i>Ls</i>) formerly <i>Bacillus sphaericus</i> (<i>Bs</i>)
Methoprene
Monomolecular Films
Petroleum Distillates
Spinosad
Temephos
Pyriproxyfen * added under Draft Order 2022-XXX-EXEC

Active Ingredients for Adult Mosquito Control:

Deltamethrin
Etofenprox
Lambda-Cyhalothrin
Malathion
Naled
N-octyl bicycloheptene dicarboximide (MGK-264)
Piperonyl butoxide (PBO)
Permethrin
Prallethrin
Pyrethrin
Resmethrin
Sumithrin

For more information, please call (714) 971-2421 or visit the District's website (www.ocvector.org).

Orange County Mosquito and Vector Control District (OCMVCD) Service Area Boundary

