



# NORTHWEST MOSQUITO AND VECTOR CONTROL DISTRICT

PUBLIC HEALTH GOVERNMENT AGENCY

## Notice of Intent to Apply Public Health Pesticides for Vector Control Purposes to Surface Waters and Waters of the U.S. Within Western Riverside County.

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City of Lake Elsinore

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T. Steven Su, M.D., Ph.D.  
County of Riverside

Mark Breidenbaugh Ph.D.  
District Manager

Angela Caranci, Ph.D.  
Assistant District Manager

- The Northwest Mosquito & Vector Control District intends to make public health pesticide applications to, over and adjacent to constructed conveyances, surface waters and other waters of the U.S. owned and controlled by an entity other than the District for vector control purposes per the requirements of the General NPDES Permit for Biological and Residual Discharges for Vector Control Applications.
- The District's activities are conducted year-round within a 300-mile areas situated in the western portion of the County of Riverside. The areas that will actually or potentially impacted by District activities include the following: the incorporated cities of Calimesa, Canyon Lake, Corona, Lake Elsinore, Eastvale, Jurupa Valley, Norco and Riverside. The District also controls vectors in the northwest portion of Riverside County including the following areas of Coronita, El Cerrito, Glen Avon, Highgrove, Home Gardens, Woodcrest and other unincorporated areas within the boundaries of the Northwest Mosquito and Vector Control District. Additionally, the District may be requested to provide vector control in the sphere of influence area (presently vector control is provided by the County). In addition to the above mentioned the District at times may implement vector control methods in areas adjacent to the District jurisdiction pursuant the California Health and Safety Code.
- The NPDES Permit requirements for listing of the Public Health Pesticides anticipated to be used were modified from the previous permit, to the new permit, issued in 2016. The newer requirements specify that any pesticide product can be used that contains approved active ingredients, provided all pesticide label restrictions and instructions are followed. In addition, the minimum risk pesticides have been exempted from the FIFRA requirements. The following tables list the active ingredients approved for the FIFRA regulated pesticides.

### Active ingredients for larval mosquito control:

<i>Bacillus thuringiensis</i> susp, <i>israelensis</i> (Bti)
<i>Bacillus sphaericus</i> (Bs)
Methoprene
Monomolecular Films
Petroleum Distillates
Pyriproxyfen
Spinosad
Temephos

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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

- The purpose of the use of larvicide and adulticide pesticides containing these active ingredients is for the control of larval and adult mosquitoes to minimize the threat of mosquito-borne disease and biting annoyances.
- The general time period for the application of the pesticides is January through December, 2023. Locations of expected use will be constructed conveyance, surface waters and other waters of the U.S. located within western Riverside County.
- There are no known use restrictions or precautions during treatment.
- Interested persons may contact the District at 951-340-9792 for additional information.

Date: January 20<sup>th</sup>, 2023



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Vector Ecologist