



Public Health Environmental Health Services

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April 15, 2021

NOTICE OF INTENT TO APPLY PUBLIC HEALTH PESTICIDES FOR VECTOR CONTROL PURPOSES TO SURFACE WATERS AND WATERS OF THE U.S. WITHIN SAN BERNARDINO COUNTY, CA

1. The San Bernardino County Mosquito and Vector Control Program (MVCP) intends to apply public health pesticide to, over and adjacent to ditches, canals or other conveyance facilities owned and controlled by an entity other than MVCP. Additionally, MVCP intends to apply public health pesticide to surface waters and waters of the U.S. for vector control purposes per the requirements of the General NPDES Permit for Biological and Residual Pesticide Discharge for Vector Control Applications (the permit) issued by the State Water Resource Control Board (SWRCB).
2. 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 which will be issued in 2021. 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, pesticides which fall under the "minimum risk" category can be used. The minimum risk pesticides have been exempted from Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requirements. The following tables list the active ingredients approved for the FIFRA regulated pesticides.
3. Active ingredients for larval mosquito control

<i>Bacillus sphaericus (Bs)</i>
<i>Bacillus thuringiensis subsp. israelensis (Bti)</i>
<i>Beauveria bassiana</i> Strain GHA
Monomolecular Films
Pyriproxyfen
Temephos

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4. 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

5. The purpose of the use of larvicide and adulticide pesticides containing these active ingredients is for the control of immature and adult mosquitoes. Controlling vectors will reduce annoyance and suppress the threat of disease transmission to humans, domestic animals and wildlife.
6. The general time period for the application of the pesticides is January 1, 2021 through December 31, 2021. The locations of expected use will be ditches, canals or other conveyance facilities owned and controlled by an entity other than the District, as well as surface waters and waters of the U.S. within San Bernardino County.
7. There are no known water use restrictions or precautions during treatment.
8. Interested persons may contact MVCP at (800) 442-2283 for inquiry.

Jennifer Osorio, REHS
Chief of Environmental Health Services

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