

February 9th, 2018

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



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1. The San Joaquin County Mosquito and Vector Control District (the District) intends to apply public health pesticides to, over and adjacent to canals, ditches, or other constructed conveyance facilities owned and controlled by an entity other than the District, as well as 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 Discharges for Vector Control Applications (the Permit) issued by the State Water Resources 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 being 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, pesticides which fall under the "minimal risk" category can be used. The minimum risk pesticides have been exempted from FIFRA requirements. The following tables list the active ingredients approved for the FIFRA regulated pesticides.

3.

Active Ingredients for larval mosquito control:
Bacillus thuringiensis var. israelensis
Bacillus sphaericus (Lysinibacillus sphaericus)
Methoprene
Monomolecular Films
Petroleum Distillates
Spinosad
Temephos
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

4. The purpose of the use of larvicide and adulticide pesticides containing these active ingredients is to control immature and adult mosquitoes. Controlling mosquitoes will reduce annoyance and disease transmission to humans, domestic animals, and wildlife.
5. The general time period for the application of the pesticides is January through December, 2018. The locations of expected use will be canals, ditches, or other constructed 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 Joaquin County, CA where immature and adult mosquitoes are found at treatment threshold levels.
6. There are no known water use restrictions or precautions during treatment.
7. Interested persons may contact the District at (209) 982-4675 to obtain additional information.

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