

March 24, 2016

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

The Merced County Mosquito Abatement District will be conducting larvicide and adulticide operations to and over the Grassland wetlands, Merced and San Joaquin Rivers and their tributaries, and other waters of the U.S. owned and controlled by an entity other than the District for mosquito control purposes per the requirements of the General NPDES Permit for Biological and Residual Pesticide Discharges for Vector Control Applications.

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 is being issued in 2016. The newer requirements specify that any pesticide product can be used that contain approved active ingredients, provided all pesticides 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 FIFRA requirements. The following tables list the active ingredients approved for the FIFRA regulated pesticides.

Active ingredients for larval mosquito control:

Bacillus thuringiensis var. israelensis
Bacillus sphaericus
Methoprene
Mineral Oil
Monomolecular Films
Petroleum Distillates
Spinosad

Active ingredients for adult mosquito control:

Bifenthrin
Deltamethrin
Lambda-Cyhalothrin
Malathion
Naled
Piperonyl Butoxide
Permethrin
Prallethrin
Pyrethrin
Resmethrin
Sumithrin

The purpose of the use of the listed pesticides is for the control of larval and adult mosquitoes to minimize the threat of mosquito-borne diseases and biting annoyances.

The applications are typically made from April – November, but can occur year round if weather conditions and mosquito populations warrant.

There are no water use restrictions or precautions during treatment.

Interested persons may contact the District for additional information.

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