
State Water Resources Control Board

July 19, 2023

Lora Young, District Manager
Orange County Mosquito and Vector Control District
13001 Garden Grove Blvd.
Garden Grove, CA 92843

AMENDED NOTICE OF APPLICABILITY; ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT; STATEWIDE VECTOR CONTROL PERMIT

Dear Ms. Young:

Thank you for submitting the May 11, 2023, Orange County Mosquito and Vector Control District amended application for regulatory coverage under the statewide Vector Control Permit.¹ The submitted information satisfies the application requirements. This amended Notice of Applicability for coverage under the Vector Control Permit is identified by the waste discharge identification number 8 303464001 and is effective as of the date of this letter.

The Vector Control Permit regulates the discharges of larvicides and adulticides currently registered for use in California. The regulated active ingredients include:

- Larvicides containing monomolecular films, methoprene, *Bacillus thuringiensis subspecies israelensis* (or *Bti*), *Bacillus sphaericus* (or *B. Sphaericus*), temephos, petroleum distillates, pyriproxyfen, and spinosad.
- Adulticides containing malathion, naled, pyrethrin, deltamethrin, etofenprox, lambda-cyhalothrin, permethrin, prallethrin, resmethrin, sumithrin, piperonyl butoxide (PBO), and N-octyl bicycloheptene dicarboximide (or MGK-264).

Users of products containing these ingredients are required to obtain coverage under the Vector Control Permit prior to application to waters of the United States.

¹ Statewide Permit for Biological and Residual Pesticide Discharges to Waters of the United States from Vector Control Applications, Order 2016-0039-DWQ as amended. For more information, please visit the [Vector Control Permit webpage \(https://www.waterboards.ca.gov/water_issues/programs/npdes/pesticides/vector_control.html\)](https://www.waterboards.ca.gov/water_issues/programs/npdes/pesticides/vector_control.html).

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Discharge Description

The Orange County Mosquito and Vector Control District (District) is a public health agency that provides vector control services within Orange County. Per its existing Notice of Applicability, the District applies pesticide products with the active ingredients of *bacillus thuringiensis subspecies israelensis*, *bacillus sphaericus*, deltamethrin, etofenprox, lambda-cyhalothrin, malathion, methoprene, monomolecular films, naled, N-octyl bicycloheptene dicarboximide, petroleum distillates, permethrin, piperonyl butoxide, prallethrin, pyrethrin, resmethrin, spinosad, sumithrin, and temephos. Pesticide products containing these active ingredients may discharge into tributaries, lakes, reservoirs, marshes, unnamed drainages, ditches, and water conveyances within the District's jurisdiction.

The District is amending its existing Notice of Intent for regulatory coverage to include additional pesticide products with the active ingredient of pyriproxyfen. The aquatic pesticide applications are to control the development and populations of disease-carrying mosquitoes and vectors.

General Permit Requirements

To comply with the Vector Control Permit, the District shall:

- a. Provide aquatic pesticide applicators a copy of the amended Notice of Intent, amended Pesticide Application Plan, and all other related materials.
- b. Ensure that all personnel and contractors applying pesticides under this amended Notice of Applicability understand and comply with the terms and conditions of the permit and the provisions of the Pesticide Application Plan.
- c. Take all necessary steps to minimize or prevent pesticide spills, pesticide residue contaminated water, and other pollutants from entering waters of the United States.
- d. Review and update the effectiveness and adequacy of the control measures and best management practices. Documentation of all changes to the existing best management practices, Pesticide Application Plan, or other information on file with our office shall be submitted to the State Water Resources Control Board for review and comment.
- e. Submit all information required per this amended Notice of Applicability to the following address:

State Water Resources Control Board
Division of Water Quality
NPDES Wastewater Unit
1001 I Street, 15th Floor
Sacramento, CA 95814

Discharge Monitoring and Reporting Requirements

To comply with the monitoring and reporting requirements of the Vector Control Permit, the District shall:

- a. Timely inspect the receiving waters, control measures and best management practices to detect any conditions which violate receiving water limitations and other requirements in the Vector Control Permit.

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- b. Conduct monitoring and reporting per the provisions and requirements in Attachment C of the Vector Control Permit.
- c. Include the following certification in all monitoring reports:

“I certify under penalty of law that this document and all enclosures were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

Failure to comply with the requirements set forth in this amended Notice of Applicability and the Vector Control Permit may result in an enforcement action as authorized by provisions in the California Water Code. Any discharges of waste other than those described in this amended Notice of Applicability are not authorized pursuant to the Vector Control Permit.

If you have any questions regarding this amended Notice of Applicability or the Vector Control Permit, please contact Gurgagn Chand at (916) 341-5780 or Gurgagn.Chand@waterboards.ca.gov.

Sincerely,



Karen Mogus, Deputy Director
Division of Water Quality

Cc [via email]:

California Department of Pesticide Regulation

Nan Singhasemanon, Assistant Director
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Lora Young, District Manager

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