
State Water Resources Control Board

OCT 31 2011

Mr. Erik Hawk
Marin Sonoma Mosquito and Vector Control District
595 Helman Lane
Cotati, CA 94931

Dear Mr. Hawk:

NOTICE OF APPLICABILITY OF WATER QUALITY ORDER NO. 2011-0002-DWQ, GENERAL PERMIT NO. CAG 990004, STATEWIDE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT FOR BIOLOGICAL AND RESIDUAL PESTICIDE DISCHARGES TO WATERS OF THE UNITED STATES FROM VECTOR CONTROL APPLICATIONS (VECTOR CONTROL PERMIT), MARIN SONOMA MOSQUITO AND VECTOR CONTROL DISTRICT, SONOMA COUNTY

The State Water Resources Control Board (State Water Board) adopted the Vector Control Permit on March 1, 2011 to regulate discharges of biological and residual pesticides resulting from direct and spray applications for vector control using: (1) larvicides containing monomolecular films, methoprene, *Bacillus thuringiensis* subspecies *israelensis*, *Bacillus sphaericus*, temephos, petroleum distillates, or spinosad; and (2) adulticides containing malathion, naled, pyrethrin, permethrin, resmethrin, sumithrin, prallethrin, piperonyl butoxide, etofenprox, or N-octyl bicycloheptene dicarboximide (MGK-264). Users of products containing these active ingredients are required to obtain coverage under the Vector Control Permit prior to application to waters of the United States. The Vector Control Permit only covers the discharge of larvicides and adulticides that are currently registered in California.

Permit Application

State Water Board staff has reviewed your application for coverage under the Vector Control Permit. The application included the Notice of Intent and Pesticide Application Plan (PAP) dated June 13, 2011, PAP addendum dated September 23, 2011, and the \$272 filing fee. You have been assigned an enrollee number of 249AP00017 .

Discharge Description

Marin Sonoma Mosquito and Vector Control District boundaries extend north to the Mendocino County Line (just north of the town of Cloverdale), to San Francisco County to the south (just south of Sausalito), Lake, Napa, and Solano Counties to the east, and the Pacific Ocean to the west as shown on page 22 of the PAP. Larvicide and adulticide applications may occur anywhere in the specified region to bodies of water when deemed necessary by key mosquito and arbovirus surveillance indicators. The Marin Sonoma Mosquito and Vector Control District proposes to use the pesticides shown in Tables 1 and 2 of the enclosure.

Monitoring Requirements

The Vector Control Permit requires that dischargers comply with the Monitoring and Reporting Program that is incorporated as Attachment C of the permit. The goal of the Monitoring and Reporting Program is to answer these two key questions:

Question No. 1: Does the biological or residual pesticide from applications cause an exceedance of receiving water limitations or monitoring triggers?

Question No. 2: Does the biological or residual pesticide, including active ingredients, inert ingredients, and degradation by-products, in any combination cause or contribute to an exceedance of the "no toxics in toxic amount" narrative toxicity objective?

It is important that the Marin Sonoma Mosquito and Vector Control District comply with the Monitoring and Reporting Program. NPDES permit holders are subject to mandatory minimum penalties for incomplete, missing, or late monitoring reports. Monitoring reports are required to include the following certification (40 CFR 122.22(l)(4)):

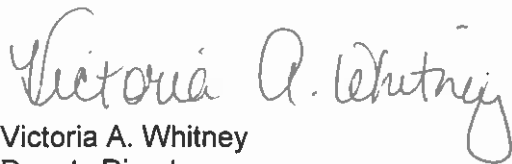
I certify under penalty of law that this document and all enclosures were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage 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.

Notice of Applicability

Based on the information submitted in the application, the discharge as described above satisfies the general and specific conditions of the Vector Control Permit. This Notice of Applicability implements coverage under the permit.

If you have any questions regarding the Vector Control Permit or your coverage under the permit, please contact Phil Isorena at (916) 341-5544 or pisorena@waterboards.ca.gov.

Sincerely,



Victoria A. Whitney
Deputy Director

Enclosure

cc: See next page

cc: Pascal Mues
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Mr. Erik Hawk

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bc: Charles R. Hoppin, Chairman
Frances Spivey-Weber, Vice Chair
Tam M. Doduc, Member

**Table 1
Marin Sonoma Mosquito and Vector Control District
Larvicides**

Product Name	Registration Number
5% Skeeter Abate	8329-70
Abate 2-BG	8329-71
Agnique MMF G	53263-30
Agnique MMF Mosquito Larvicide & Pupicide	53263-28
Aquabac 200G	62637-3
Aquabac xt	62637-1
BVA 2 Mosquito Larvicide Oil	70589-1
BVA Spray 13	55206-2
FourStar Briquets	83362-3
FourStar SBG	85685-1
Mosquito Larvicide GB-1111	8329-72
Natular 2EC	8329-82
Natular G	8329-80
Natular XRG	8329-83
Natular XRT	8329-84
Spheratax SPH (50 G)	84268-2
Spheratax SPH (50 G) WSP	84268-2
Teknar HP-D	73049-404
Vectobac Technical Powder	73049-13
Vectobac-12 AS	73049-38
Vectobac-G Biological Mosquito Larvicide Granules	73049-10
Vectolex CG Biological Larvicide	73049-20
Vectolex WDG Biological Larvicide	73049-57
Vectolex WSP Biological Larvicide	73049-20
Vectomax CG Biological Larvicide	73049-429
Vectomax G Biological Larvicide/Granules	73949-429
Vectomax WSP Biological Larvicide	73049-429
Zoecon Altosid Liquid Larvicide Concentrate	2724-446
Zoecon Altosid Liquid Larvicide Mosquito Growth Regulator	2724-392
Zoecon Altosid Pellets	2724-448
Zoecon Altosid Pellets	2724-375
Zoecon Altosid SBG Single Brood Granule	2724-489
Zoecon Altosid XR Entended Residual Briquets	2724-421
Zoecon Altosid XR-G	2724-451

**Table 2
Marin Sonoma Mosquito and Vector Control District
Adulticides**

Product Name	Registration Number
Allpro Evoluer 4-4 ULV	769-982
Anvil 10+10 ULV	1021-1688
Anvil 2+2 ULV	1021-1687
AquaANVIL Water-based Adulticide	1021-1807
Aquahalt Water-Based Adulticide	1021-1803
Aqua-Kontrol Concentrate	73748-1
Aqualuer 20-20	769-985
Aqua-Reslin	432-796
Biomist 4+12 ULV	8329-34
Biomist 4+4	8329-35
Duet Dual-Action Adulticide	1021-1795
Evergreen Crop Protection EC 60-6	1021-1770
Fyfanon ULV Mosquito	67760-34
Kontrol 2-2	73748-3
Kontrol 30-30 Concentrate	73748-5
Kontrol 4-4	73748-4
Permanone 31-66	432-1250
Permanone RTU 4%	432-1277
Prentox Perm-X UL 4-4	655-898
Prentox Pyronyl Crop Spray	655-489
Prentox Pyronyl Oil Concentrate #525	655-471
Prentox Pyronyl Oil Concentrate or 3610A	655-501
Pyrenone 25-5 Public Health Insecticide	432-1050
Pyrenone Crop Spray	432-1033
Pyroicide Mosquito Adulticide 7453	1021-1803
Pyroicide Mosquito Adulticiding Concentrate for ULV Fogging 7395	1021-1570
Pyroicide Mosquito Adulticiding Concentrate for ULV Fogging 7396	1021-1569
Scourge Insecticide with Resmethrin/Piperonyl Butoxide 18%+54% MF Formula II	432-667
Scourge Insecticide with Resmethrin/Piperonyl Butoxide 4%+12% MF Formula II	432-716
Trumpet EC Insecticide	5481-481
Zenivex E20	2724-791