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Date: January 20, 2017

TO: Government Agencies in Contra Costa County

SUBJECT: **ANNUAL NOTICE OF INTENT TO APPLY PUBLIC HEALTH  
PESTICIDES FOR VECTOR CONTROL PURPOSES WITHIN AND  
ADJACENT TO CONTRA COSTA COUNTY**

1. Pursuant to the Statewide National Pollutant Discharge Elimination System Permit for Residual Pesticide Discharges to Waters of the United States from Vector Control Applications, as required under item VIII.B of the General Permit, it is the intent of the Contra Costa Mosquito & Vector Control District (CCMVCD) to apply pesticides in Contra Costa County.
2. A list of potential materials to be used are included. See attachment.
3. Mosquitoes are suppressed to protect the public from mosquito-borne diseases and pest mosquitoes.
4. Applications may occur anywhere in the county at any time of the year.
5. There are no known water use restrictions or precautions during treatment.
6. Interested persons may contact the district office at (925) 685-9301 to obtain additional information or visit our website [www.ContraCostaMosquito.com](http://www.ContraCostaMosquito.com)

*Protecting Public Health Since 1927*

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Please see the following references regarding selection and use of pesticides in CCMVCD's program.

- a. Best Management Practices for Mosquito Control in California. 2010. California Department of Public Health, Vector-Borne Disease Section <http://www.westnile.ca.gov/resources.php>
- b. California Mosquito-Borne Virus Surveillance & Response Plan. 2010. California Department of Public Health, Vector-Borne Disease Section <http://www.westnile.ca.gov/resources.php>
- c. Operational Plan for Emergency Response to Mosquito-Borne Disease Outbreaks. 2010. California Department of Public Health, Vector-Borne Disease Section <http://www.westnile.ca.gov/resources.php>
- d. Overview of Mosquito Control Practices in California. 2008. California Department of Public Health, Vector-Borne Disease Section <http://www.westnile.ca.gov/resources.php>
- e. Epidemic/Epizootic West Nile Virus in the United States: Guidelines for Surveillance, Prevention and Control. 2003. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention <http://www.cdc.gov/ncidod/dvbid/westnile/>
- f. Contra Costa Mosquito & Vector Control District Mosquito-Borne Virus Surveillance & Response Plan. 2006. [http://contracostamosquito.com/npdes\\_docs.htm](http://contracostamosquito.com/npdes_docs.htm)
- g. Pesticides and Public Health: Integrated Methods of Mosquito Management. 2001. U.S. Environmental Protection Agency <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2631680/>

## II. PERMIT COVERAGE AND APPLICATION REQUIREMENTS

### A. Coverage

The Order covers the point source discharge 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* (or Bti), *Bacillus sphaericus* (or B. Sphaericus), temephos, petroleum distillates, or spinosad; and 2) adulticides containing malathion, naled, pyrethrin, deltamethrin, etofenprox, lambda-cyhalothrin, permethrin, prallethrin, resmethrin, sumithrin, piperonyl butoxide (PBO), or N-octyl bicycloheptene dicarboximide (or MGK-264).

The Order also covers the point source discharge of residual pesticides from the application of minimum risk pesticides which are pesticides that U.S. EPA has exempted from FIFRA requirements when used only in the manner specified in 40 C.F.R. section 152.25. Products containing active ingredients listed in 40 C.F.R. section 152.25(f) are exempt from the requirements of FIFRA, alone or in combination with other substances, provided that all of the criteria of 40 C.F.R. section 152.25 are met. A pesticide product exempt under 40 C.F.R. section 152.25(f) may include only inert ingredients listed in the most current list of inert ingredients approved for use in minimum risk pesticide products at U.S. EPA's website:<http://www2.epa.gov/minimum-risk-pesticides/inert-ingredients-approved-use-minimum-risk-pesticide-products>.

Dischargers may use larvicides and adulticides that are currently registered by DPR and new larvicides and adulticides that will be registered by DPR using the same active ingredients listed above for vector control applications. In addition, Dischargers may use minimum risk pesticide products for vector control applications.

Users of products containing these active ingredients and inert ingredients for the minimum risk pesticide products are required to obtain coverage under the Order prior to application to waters of the U.S. The Order covers the discharge of residuals from: (1) larvicides and adulticides that are currently registered in California; and (2) minimum risk pesticide products.

**ATTACHMENT A – PERMITTED ADULTICIDE PRODUCTS**

**Product Name** **EPA Registration No.**

Allpro Evoluer 4-4 ULV	769-982
Allpro Evoluer 30-30 ULV	769-983
Anvil 10+10 ULV	1021-1688
Anvil 2+2 ULV	1021-1687
AquaANVIL Water-based Adulticide	1021-1807
Aquaduet	1021-2562-8329
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
Dibrom Concentrate	5481-480
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
Pyrocide Fogging Formula <b>7067</b>	1021-1199
Pyrocide Mosquito Adulticide 7453	1021-1803
Pyrocide Mosquito Adulticiding Concentrate for ULV Fogging 7395	1021-1570
Pyrocide 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 E4 RTU	2724-807
Zenivex E20	2724-791

**ATTACHMENT B – LIST OF PERMITTED LARVICIDE PRODUCTS****Product Name** **EPA Registration No.**

5% Skeeter Abate	8329-70
Abate 2-BG	8329-71
Agnique MMF G	53263-30
Agnique MMF Mosquito Larvicide & Pupicide	53263-28
AllPro Provect 1G Larvicide	769-723
AllPro Provect 5G Larvicide	769-722
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
Masterline Kontrol Mosquito Larvicide	73748-10
Metalarv S-PT Mosquito Growth Regulator Spherical Pellet	73049-475
Mosquito Larvicide GB-1111	8329-72
Natular 2EC	8329-82
Natular G	8329-80
Natular G30	8329-83
Natular T30	8329-85
Natular XRT	8329-84
Spheratax SPH (50 G)	84268-2
Spheratax SPH (50 G) WSP	84268-2
Summitt BTI Briquets	6218-47
Teknar HP-D	73049-404
Teknar SC Biological Larvicide Aqueous Suspension	73049-435
Vectobac Technical Powder	73049-13
Vectobac-12 AS	73049-38
Vectobac GS	73049-10

Vectobac-G Biological Mosquito Larvicide Granules	73049-10
Vectobac WDG	73049-56
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 30-Day Briquets	2724-375
Zoecon Altosid SBG Single Brood Granule	2724-489
Zoecon Altosid XR Entended Residual Briquets	2724-421
Zoecon Altosid XR-G	2724-451

cc: Contra Costa County  
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