

ADDITIONS SHOWN IN DOUBLE-UNDERLINE; DELETIONS SHOWN IN STRIKETHROUGH

1. Title Page, amend as shown below:

WATER QUALITY ORDER NO. 2012-XXXX-DWQ
GENERAL PERMIT NO. CAG 990004

(AMENDING WATER QUALITY ORDER NO. 2011-0002-DWQ)

2. Page 6, add Finding below at the beginning of Section III.A and renumber subsequent findings:

State Water Board Water Quality Order No. 2011-0002-DWQ did not authorize the discharge of biological and residual pesticides or their degradation byproducts to waters of the US that are impaired by the same pesticide active ingredients or any pesticide in the same chemical family included in permitted larvicides and adulticides in Attachments E and F. The Mosquito and Vector Control Association of California (MVCAC) determined that based on the adulticides available to use, this prohibition would have a considerable impact on the efficacy of mosquito and vector control. MVCAC is very concerned with the public health implications of having adult mosquito control entirely prohibited in areas with water bodies impaired by chlorpyrifos, diazinon, and pyrethroids. Taking into consideration the public health concern, this General Permit has been amended to delete the phrase “or any pesticide in the same chemical family,” add pesticide products, and make related clarifying amendments.

Mosquitoes can become resistant to either (or both) larvicides and adulticides, thus, vector control programs use a variety of chemical and non-chemical control techniques to minimize the development of resistance. To increase the likelihood that vector resistance to control programs is prevented, the California Department of Public Health and MVCAC requested addition of new pesticide products. In response to their request, some products have been added to Attachments E and F. Most of the newly-added products contain the same constituents of products that were already authorized for use pursuant to Water Quality Order No. 2011-0002-DWQ. Therefore, no additional requirements are necessary to protect water quality since the constituents of these products are already covered by the receiving water limitations, receiving water monitoring triggers, or other requirements in Water Quality Order No. 2011-0002-DWQ. Although staff found new constituents in some of the newly-added products, staff could not find water quality standards or toxicity information for these constituents. This indicates that they are likely not a water quality concern. If new information becomes available that indicates these constituents could pose a threat to water quality, the General Permit may be reopened to address the issue.

**04/03/12 BD MEETING – ITEM #5
CHANGE SHEET #1 (CIRCULATED 03/29/12)**

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3. Page E-1 (Page 108 of document), Attachment E, List of Permitted Adulticide Products, add four more products for a total of five added products, which are shown in bold below:

ATTACHMENT E – LIST OF PERMITTED ADULTICIDE PRODUCTS

| Product Name | Registration Number |
|--|------------------------------|
| Allpro Evoluer 4-4 ULV | 769-982 |
| <u>Allpro Evoluer 30-30 ULV</u> | <u>769-983</u> |
| Anvil 10+10 ULV | 1021-1688 |
| Anvil 2+2 ULV | 1021-1687 |
| AquaANVIL Water-based Adulticide | 1021-1807 |
| <u>Aquaduet</u> | <u>1021-2562-8329</u> |
| 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 |
| <u>Dibrom Concentrate</u> | <u>5481-480</u> |
| 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 |
| <u>Pyrocide Fogging Formula 7067</u> | <u>1021-1199</u> |
| 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 |
| <u>Zenivex E4 RTU</u> | <u>2724-807-AA</u> |
| Zenivex E20 | 2724-791 |

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4. Page F-1 (Page 109 of document), Attachment F, List of Permitted Larvicide Products, delete one product shown in strikethrough and add eight more products for a total of nine products which are shown in bold below:

ATTACHMENT F – LIST OF PERMITTED LARVICIDE PRODUCTS

| 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 |
| <u>AllPro Provect 1G Larvicide</u> | <u>769-723</u> |
| <u>AllPro Provect 5G Larvicide</u> | <u>769-722</u> |
| 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 |
| <u>Masterline Kontrol Mosquito Larvicide</u> | <u>73748-10-AA</u> |
| <u>Metalary S-PT Mosquito Growth Regulator Spherical Pellet</u> | <u>73049-475</u> |
| Mosquito Larvicide GB-1111 | 8329-72 |
| Natular 2EC | 8329-82 |
| Natular G | 8329-80 |
| <u>Natular G30</u> | <u>8329-83</u> |
| <u>Natular T30</u> | <u>8329-85</u> |
| <u>Natular XRG</u> | <u>8329-83</u> |
| Natular XRT | 8329-84 |
| Spheratax SPH (50 G) | 84268-2 |
| Spheratax SPH (50 G) WSP | 84268-2 |
| <u>Summitt BTI Briquets</u> | <u>6218-47</u> |
| Teknar HP-D | 73049-404 |
| <u>Teknar SC Biological Larvicide Aqueous Suspension</u> | <u>73049-435</u> |
| Vectobac Technical Powder | 73049-13 |
| Vectobac-12 AS | 73049-38 |
| Vectobac-G Biological Mosquito Larvicide Granules | 73049-10 |
| <u>Vectobac WDG</u> | <u>73049-56</u> |
| 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 |

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| Product Name | Registration Number |
|---|---------------------|
| <u>Zoecon Altosid Pellets</u> | <u>2724-448</u> |
| <u>Zoecon Altosid Pellets</u> | <u>2724-375</u> |
| <u>Zoecon Altosid SBG Single Brood Granule</u> | <u>2724-489</u> |
| <u>Zoecon Altosid XR Entended Residual Briquets</u> | <u>2724-421</u> |
| <u>Zoecon Altosid XR-G</u> | <u>2724-451</u> |