

**MOORPARK CITY COUNCIL
AGENDA REPORT**

TO: Honorable City Council

FROM: John Brand, Senior Management Analyst *JB*
Mark Westerline, Vector/Animal Control Specialist *MW*

DATE: October 10, 2011 (CC Meeting of 10/19/2011)

SUBJECT: Consider Addendum No. 1, Amending the Pesticide Application Plan

SUMMARY

The City Council is being asked to approve an amendment to the Pesticide Application Plan.

BACKGROUND

On March 16, 2011 the City Council approved a Pesticide Application Plan to comply with the California Water Resources Control Board (Board) Water Quality Order No. 2011-0002-DWQ, General NPDES Permit for Biological and Residual Pesticide Discharges from Vector Control Applications.

The Board Order mandated that all vector control agencies that apply pesticides to bodies of water of the United States or any body of water that could potentially flow to a body of water of the United States submit a Notice of Intent (NOI) to the Board. The NOI in turn requires that a Pesticide Application Plan (PAP) be submitted. The PAP provides a description of what pesticides the vector control agency utilizes and how it ensures that the pesticides are managed appropriately. The final component of the Order is for the City to adopt a Monitoring Plan.

DISCUSSION

The state Water Quality Control Board has returned comments to other vector control agencies that suggest that it may be appropriate for the City to amend its PAP to conform with the Board's latest requirements. Addendum No. 1 (attached) includes more detailed information on pesticides that the City might consider using in the future, and provides certain other information that the Board has requested of other agencies.

FISCAL IMPACT

None.

STAFF RECOMMENDATION

Adopt Addendum No. 1 to the Pesticide Application Plan subject to final language approval by the City Manager and authorize the City Manager to sign and submit the amended Plan, and any necessary updates in the future.

Attachment; Addendum No. 1

ADDENDUM NO. 1 Pesticide Application Plan

ADDENDUM to City of Moorpark Vector Control Division Pesticides Application Plan (PAP) for General Permit No. CAG 990004

The following is to be added to page 2 end of paragraph titled "Division Boundaries and Target Areas" of the PAP.

(See charts Pages 28-29 City of Moorpark Mosquito Sources)

Other potential target areas can include is potentially any still or standing water sites for more than 96 hours (4 days), permanent or temporary, natural or man-made, that may or may not have potential inflow or outflow, high wetland or wildlife values or be hydrologically connected to others within the boundaries of the City of Moorpark.

The following is to be added to page 10 paragraph C (Chemical Control) to the PAP.

The following list of products below may be used by the division for larval or adult mosquito control. Products are typically applied by hand, hand can or backpack sprayer, and truck. They may also potentially be applied by ATV, helicopter, or airplane.

List of Permitted Larvicide Products *

Larvicide Product Name	Registration Number
*<u>Vectolex CG Biological Larvicide</u>	73049-20
Vectolex WDG Biological Larvicide	73049-57
Vectolex WSP Biological Larvicide	73049-20
Vectobac Technical Powder	73049-13
*<u>Vectobac-12 AS</u>	73049-38
Aquabac 200G	62637-3
Teknar HP-D	73049-404
*<u>Vectobac-G Biological Mosquito Larvicide Granules</u>	73049-10
*<u>Vectomax CG Biological Larvicide</u>	73049-429
Vectomax WSP Biological Larvicide	73049-429
*<u>Vectomax G Biological Larvicide/Granules</u>	73949-429
*<u>Zoecon Altosid Pellets</u>	2724-448
*<u>Zoecon Altosid Pellets</u>	2724-375
*<u>Zoecon Altosid Liquid Larvicide Mosquito Growth Regulator</u>	2724-392
*<u>Zoecon Altosid XR Extended Residual Briquets</u>	2724-421

<u>*Zoecon Altosid Liquid Larvicide Concentrate</u>	2724-446
<u>*Zoecon Altosid XR-G</u>	2724-451
<u>*Zoecon Altosid SBG Single Brood Granule</u>	2724-489
<u>*Mosquito Larvicide GB-1111</u>	8329-72
BVA 2 Mosquito Larvicide Oil	70589-1
BVA Spray 13	55206-2
<u>*Agnique MMF Mosquito Larvicide & Pupicide</u>	53263-28
Agnique MMF G	53263-30
Abate 2-BG	8329-71
5% Skeeter Abate	8329-70
Natular 2EC	8329-82
Natular G	8329-80
Natular XRG	8329-83
Natular XRT	8329-84
<u>*FourStar Briquets</u>	83362-3
FourStar SBG	85685-1
Aquabac xt	62637-1
Spheratax SPH (50 G) WSP	84268-2

* Larvicides that are listed in the above table are underlined and in bold are those currently or previously used or being considered for possible future use by the City of Moorpark Vector Control program.

List of Permitted Adulticide Products**

Adulticide Product Name	Registration Number
Pyrocide Mosquito Adulticiding Concentrate for ULV Fogging 7395	1021-1570
Evergreen Crop Protection EC 60□6	1021-1770
Pyrenone Crop Spray	432-1033
Prentox Pyronyl Crop Spray	655-489
Pyrocide Mosquito Adulticiding Concentrate for ULV Fogging 7396	1021-1569
Aquahalt Water-Based Adulticide	1021-1803
Pyrocide Mosquito Adulticide 7453	1021-1803
Pyrenone 25-5 Public Health Insecticide	432-1050
Prentox Pyronyl Oil Concentrate #525	655-471
Prentox Pyronyl Oil Concentrate or 3610A	655-501
Permanone 31-66	432-1250
Kontrol 30-30 Concentrate	73748-5

Aqualuer 20-20	769-985
Aqua-Reslin	432-796
Aqua-Kontrol Concentrate	73748-1
Kontrol 4-4	73748-4
Biomist 4+12 ULV	8329-34
Permanone RTU 4%	432-1277
Prentox Perm-X UL 4-4	655-898
Allpro Evoluer 4-4 ULV	769-982
Biomist 4+4	8329-35
Kontrol 2-2	73748-3
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
Anvil 10+10 ULV	1021-1688
AquaANVIL Water-based Adulticide	1021-1807
Duet Dual-Action Adulticide	1021-1795
Anvil 2+2 ULV	1021-1687
Zenivex E20	2724-791
Trumpet EC Insecticide	5481-481
Fyfanon ULV Mosquito	67760-34

**Adulticides that are listed in the above table are currently not used by the City of Moorpark Vector Control program but a Pyrethrin based adulticide would be considered for use to possibly help control adult mosquitoes in the event of outbreak of mosquito-borne disease in the Moorpark area or the potential introduction of invasive potential disease carrying mosquitoes such as the Asian Tiger Mosquito (*Aedes albopictus*) based on the California Department of Public Health California's Best Management Practices for Mosquito Control in California 2010 and the Mosquito-Borne Virus Surveillance and Response Plan as guides for control methods and to assess the potential for human illness and determine control strategy.