SWRCB Received Date: 4/19/2016

ATTACHMENT E – NOTICE OF INTENT

WATER QUALITY ORDER 2016-XXXX-DWQ
GENERAL PERMIT CAG990004

STATEWIDE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FOR BIOLOGICAL AND RESIDUAL PESTICIDE DISCHARGES TO WATERS OF THE UNITED STATES FROM VECTOR CONTROL APPLICATIONS

I. NOTICE OF INTENT STATUS (see Instructions)

Mark only one item	■ A. New Applicator	☐ B. Change of Information: WDID# _____
	☐ C. Change of ownership or responsibility: WDID# _____	
	☐ D. Enrolled under Order 2011-0002-DWQ: WDID# _____	

II. DISCHARGER INFORMATION

A. Name			
ALAMEDA COUNTY VECTOR CONTROL SERVICES DISTRICT			
B. Mailing Address			
1131 HARBOR BAY PARKWAY, SUITE 166			
C. City	D. County	E. State	F. Zip Code
ALAMEDA	ALAMEDA	CA	94502
G. Contact Person	H. Email address	I. Title	J. Phone
ROBERT GAY	Robert.Gay@acgov.org	VECTOR CONTROL MANAGER	510 777-2301

III. BILLING ADDRESS (Enter Information *only* if different from Section II above)

A. Name			
B. Mailing Address			
C. City	D. County	E. State	F. Zip Code
G. Email address	H. Title	I. Phone	

IV. RECEIVING WATER INFORMATION

A. Biological and residual pesticides discharge to (check all that apply)*:

☐ 1. Canals, ditches, or other constructed conveyance facilities owned and controlled by Discharger.
Name of the conveyance system: _____

■ 2. Canals, ditches, or other constructed conveyance facilities owned and controlled by an entity other than the Discharger.
Owner's name: VARIOUS – SEE ATTACHMENT A
Name of the conveyance system: Applications may be made to various conveyance systems within the CITY OF ALBANY.

■ 3. Directly to river, lake, creek, stream, bay, ocean, etc.
Name of water body: VARIOUS - SEE Attachment A

* A map showing the affected areas for items 1 to 3 above may be included.

B. Regional Water Quality Control Board(s) where application areas are located (REGION 1, 2, 3, 4, 5, 6, 7, 8, or 9): Region 2 San Francisco Bay
(List all regions where pesticide application is proposed.)

A map showing the locations of A1-A3 in each Regional Water Board shall be included.

V. PESTICIDE APPLICATION INFORMATION

A. Target Organisms: ■ Vector Larvae ■ Adult Vector

B. Pesticides Used: List name, active ingredients and, if known, degradation by-products

SEE Attachment B

C. Period of Application: Start Date JAN 1 End Date DEC 31

D. Types of Adjuvants Added by the Discharger:

VI. PESTICIDES APPLICATION PLAN

A. Has a Pesticides Application Plan been prepared?*

■ Yes ☐ No

If not, when will it be prepared? _____

* A copy of the Pesticides Application Plan shall be included with the NOI.

B. Is the applicator familiar with its contents?

■ Yes ☐ No

VII. NOTIFICATION

Have potentially affected governmental agencies been notified?

■ Yes ☐ No

* If yes, a copy of the notifications shall be attached to the NOI. SEE Attachment C

VIII. FEE

Have you included payment of the filing fee (for first-time enrollees only) with this submittal?

■ Yes ☐ NO ☐ NA

IX. CERTIFICATION

"I certify under penalty of law that this document and all attachments were prepared under my direction and 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 or imprisonment. Additionally, I certify that the provisions of the Order, including developing and implementing a monitoring program, will be complied with."

A. Printed Name: ROBERT Gay

B. Signature: Robert B Gay **Date:** 04/18/2016

C. Title: Vector Control Manager

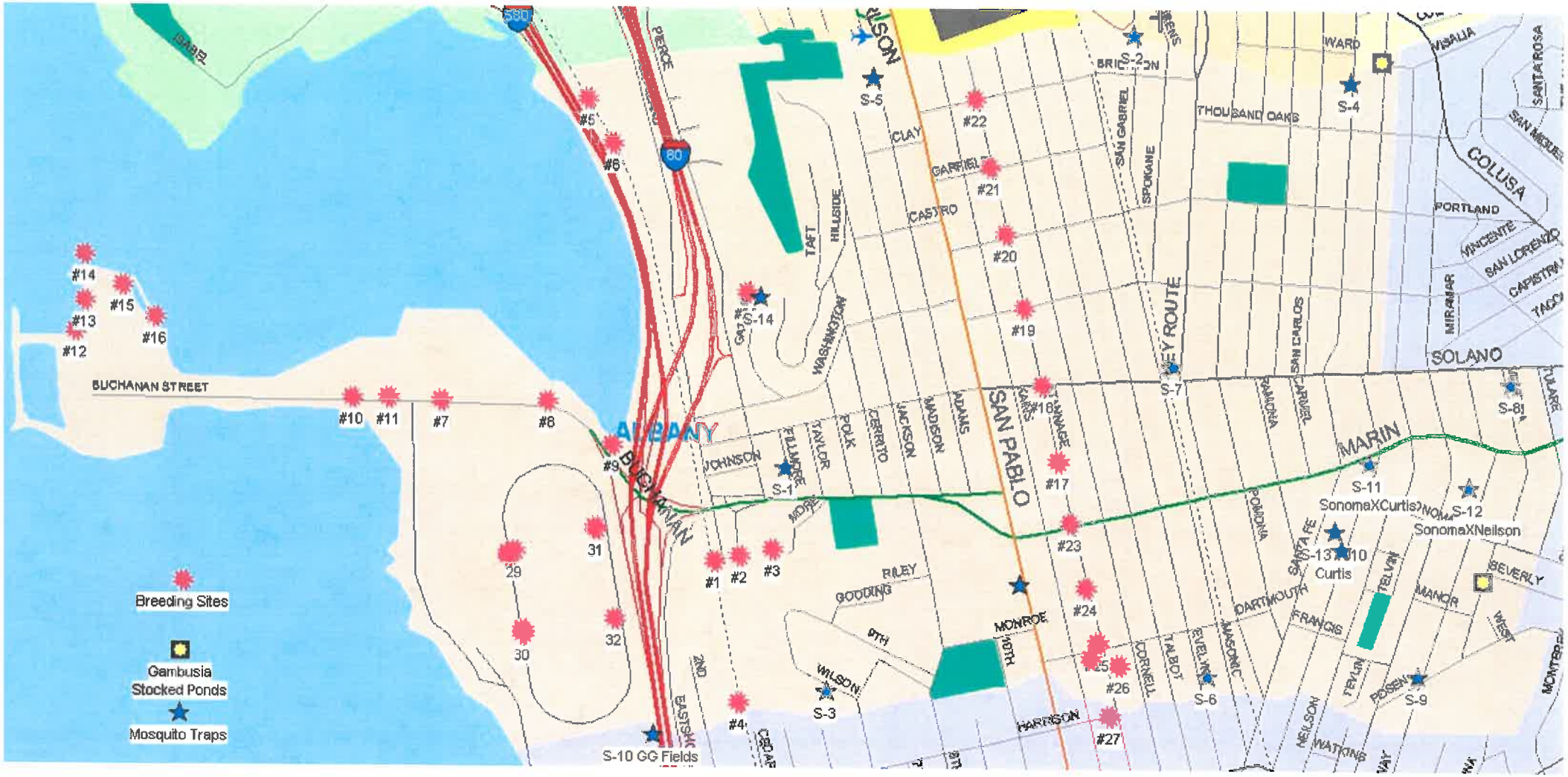
X. FOR STATE WATER BOARD USE ONLY

WDID:	**Date NOI Received:**	**Date NOI Processed:**
Case Handler's Initial:	**Fee Amount Received:** $	**Check #:**

Alameda County Vector Control
Services District
1131 Harbor Bay Parkway Ste 166
Alameda, CA 94502

Attachment A: IV Receiving H_2O Information

* DISTRICT PROVIDES MOSQUITO SURVEILLANCE and CONTROL FOR ONLY THE CITY OF ALBANY



ALAMEDA COUNTY VECTOR CONTROL

Alameda County Health Care Services Agency
Rebecca Gebhart *Acting Director*

1131 Harbor Bay Pkwy., Ste. 166 • Alameda, CA 94502
(510) 567-6800 • Fax (510) 337-9137
www.acvcsd.org • Department of Environmental Health

April 18, 2016

Dear Agency,

The Alameda County Vector Control Services District (District) may be making mosquito larvicides and or mosquito adulticide applications to waters of the US within the City of Albany. The District only provides mosquito control services for the City of Albany. The remainder of the cities and unincorporated areas within the County receives mosquito control services from the Alameda County Mosquito Abatement District.

Mosquito control applications within the City of Albany are recorded within the District's vector control database and this information is available to the public. No mosquito larvicide or adulticide operations occurred in 2015 and only 16 mosquito larvicide operations were recorded in 2014 within the City of Albany.

The District is required to notify all Government Agencies that may be affected by these applications under the requirements of the Statewide National Pollutant Discharge Elimination System (NPDES) Permit for Biological and Residual Pesticide Discharges to Waters of the United States from Vector Control Applications.

Please contact Robert Gay at 510-777-2301 if you have additional questions.

Sincerely,

Robert B. Gay
Vector Control Manager

April 18, 2016

Notice of Intent to Apply Public Health Insecticides for Vector Control Purposes to Surface Waters and Waters of the U.S. within the City of Albany, Alameda County.

- The Alameda County Vector Control Services District intends to make public health pesticide applications to, over and adjacent to constructed conveyances, surface waters and other waters of the U.S. owned and controlled by an entity other than the District for vector control purposes per the requirements of the General NPDES Permit for Biological and Residual Pesticide Discharges for Vector Control Applications.

- The NPDES Permit requirements for listing of the Public Health Pesticides anticipated to be used were modified from the previous permit, to the new permit which will be issued in 2016. The newer requirements specify that any pesticide product can be used that contain approved active ingredients, provided all pesticide label restrictions and instructions are followed. In addition, pesticides which fall under the "minimum risk" category can be used. The minimum risk pesticides have been exempted from FIFRA requirements. The following tables list the active ingredients approved for the FIFRA regulated pesticides.

Active Ingredients for larval mosquito control

- Bacillus thuringiensis subsp. Israelensis (Bti)
- Bacillus sphaericus (Bs)
- Methoprene
- Monomolecular Films
- Petroleum Distillates
- Spinosad

Active Ingredients for adult mosquito control

- Deltamethrin
- Etofenprox
- Piperonyl butoxide (PBO)
- Permethrin
- Prallethrin
- Pyrethrin
- Sumithrin

- The purpose of the use of larvicide and adulticide pesticides containing these active ingredients is for the control of larval and adult mosquitoes to minimize the threat of mosquito-borne diseases and biting annoyances.

- The District provides mosquito surveillance and control operations for the City of Albany. The City of Albany does have three species of public health mosquitoes that are capable of transmitting West Nile virus.

- The District responsibilities for the City of Albany, include responding to mosquito complaint service requests, conducting mosquito larvae surveillance, setting carbon dioxide attractant traps to collect adult mosquitoes, and submitting mosquito pools for West Nile virus isolation. In 2015, all adult mosquitoes tested for West Nile virus were negative.

- The District in 2015 instituted a new West Nile virus testing program with two sentinel chicken flocks. Infected host-seeking mosquitoes attracted to chickens will infect the chickens and our testing of the chicken's blood will inform the District of West Nile virus being vectored within the City of Albany. No chickens tested positive for West Nile virus in 2015.

- The District did not apply any mosquito larvicides or adulticides within the City of Albany for 2015 and only 16 mosquito larviciding applications were recorded in 2014. The general time period for the application of pesticides is January through December. Locations of expected use will be constructed conveyances, surface waters, and other waters of the U.S. located within the City of Albany.

- There are no known water use restrictions or precautions during treatment.

- Interested persons may contact the District at 510-777-2301 for additional information.

Robert B. Gay
Alameda County VCSD
1131 Harbor Bay Parkway
Suite 166
Alameda, CA 94502

Alameda County Vector Control Services District (District)
Pesticide Application Plan (PAP)

1. **Description of ALL target areas, if different from the water body of the target area, in to which larvicides and adulticides are being planned to be applied or may be applied to control vectors. The description shall include adjacent areas, if different from the water body of the target areas**;

   See attached map of the City of Albany. The red stars indicate historical breeding sites. Yellow stars show mosquitofish stocked ponds and blue stars are the historical EVS trapping sites for adult mosquitoes.

2. **Discussion of the factors influencing the decision to select pesticide applications for mosquito control;**

   Decisions to use pesticides for control of mosquitoes include, but are not limited to, growth stage of mosquito, habitat that may affect efficacy of certain insecticides, inability to implement Best Management Practices (BMP), such as draining or management of water in a timely fashion to prevent emergence, adult mosquito counts and/or virus activity that require widespread ultra-low volume application, etc.

   Details of these factors can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

3. **Pesticide products or types expected to be used and if known, their degradation by-products, the method in which they are applied, and if applicable, the adjuvants and surfactants used;**

   The NPDES Permit for Biological and Residual Pesticide Discharges to Waters of the U.S. from Vector Control Applications was amended to list the approved active ingredients rather than having specific products named. All pesticide label restrictions and instructions will be followed for pesticides which contain the active ingredients listed below. In addition, pesticides which fall under the "minimum risk" category may be used. The minimum risk pesticides have been exempted from FIFRA requirements. Products will be applied by truck, backpack, and by hand.

   Details of the pesticide products to be used now or in the future can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

Active Ingredients for larval mosquito control

Bacillus thuringiensis subsp. *israelensis* (Bti)
Bacillus sphaericus (Bs) (*Lysinibacillus sphaericus*)
Methoprene
Monomolecular Film
Petroleum Distillates
Spinosad

Active Ingredients for adult mosquito control

Deltamethrin
Etofenprox
Piperonyl butoxide (PBO)
Permethrin
Prallethrin
Pyrethrin
Sumithrin

4. Description of ALL the application areas* and the target areas in the system that are being planned to be applied or may be applied. Provide a map showing these areas;

Any site that holds water for more than 96 hours (4 days) can produce mosquitoes. Source reduction is the Alameda County Vector Control Services District's (ACVCSD) preferred solution, and whenever possible the agency works with property owners to affect long-term solutions to reduce or eliminate the need for continued applications as described in Best Management Practices for Mosquito Control in California. The typical sources treated by this agency include:

- Backyard swimming pools, bird baths, and ornamental ponds
- Catch basins
- Golden Gate Fields Race Tracks, horse stalls, catch basins, and drainage ponds

Additional information on target areas can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

Please see District map of the City of Albany showing known mosquito breeding sites.

5. Other control methods used (alternatives) and their limitations;

With any source of mosquitoes or other vectors, the Alameda County Vector Control Services District's first goal is to look for ways to eliminate the source, or if that is not possible, for ways to reduce the potential for vectors. The most commonly used methods

and their limitations are included in the Best Management Practices for Mosquito Control in California.

Details of other control methods and alternatives with their limitations can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

Our staff educates the public and residents that mosquitoes develop in standing water and encourage them to remove sources of standing water on their property, and working with property owners to find long-term water management strategies that meet their needs while minimizing the need for public health pesticide application. Upon request, our Vector Control Biologist will provide mosquito fish to resident to stock their ornamental ponds.

6. **How much product is needed and how this amounts was determined;**

   The need to apply product is determined by surveillance. Actual use varies annually depending on mosquito abundance.

   The pesticide amounts presented below were taken from the Alameda County Vector Control Services District's 2015 and 2014 Annual Reports showing all pesticide usage. No insecticides were used in 2015 for mosquito control and very limited applications were noted in 2014.

7. **Representative monitoring locations* and the justification for selecting these monitoring locations**

   Please see the MVCAC NPDES Coalition Monitoring Plan

8. **Evaluation of available BMPs to determine if there are feasible alternatives to the selected pesticide application project that could reduce potential water quality impacts; and**

   Details of other BMPs used by the District can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

   In addition, the District follows the Best Management Practices for Mosquito Control in California

9. **Description of the BMPs to be implemented. The BMPs shall include at a minimum:**

   The Alameda County Vector Control Services District's BMPs are described in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

a. Measures to prevent pesticide spill;

District has the following policies in place since 2015 and employees are trained on pesticide safety and spill prevention and response annually.

i. Mitigation Procedures for Dry Material Spills or Releases
ii. Mitigation Procedures for Wet Material Spills or Releases

b. Measures to ensure that only a minimum and consistent amount is used;

Spray equipment (hand compressed sprayers and dusters) are calibrated each year and is a part of the Memorandum of Understanding (MOU) with California Department of Public Health (CDPH). However, the pesticide label and associated registration by U.S. Environmental Protection Agency (USEPA) and California Department of Pesticide Regulations (CDPR) are the authority of how much product can be legally applied to control the target pest.

c. A plan to educate Coalition's or Discharger's staff and pesticide applicator on any potential adverse effects to waters if the U.S. from the pesticide application;

Applicators are required to complete pesticide training on an annual basis. Records are kept of these training sessions for review by the local agricultural commissioner and/or CDPH. Employees certified by the CDPH must perform at least 20 hours of Continuing Education units to maintain their certification.

d. Descriptions of specific BMPs for each spray mode, e.g. aerial spray, truck spray, hand spray, etc.;

The District will calibrate all adulticiding and larviciding equipment each year to meet application specifications.

Details of specific BMPs for each spray mode can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

e. Descriptions of specific BMPs for each pesticide product used;

Details of specific BMPs for each pesticide product can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

f. Descriptions of specific BMPs for each type of environmental setting (agriculture, urban, and wetlands);

Details of specific BMPs for each type of environmental setting (agriculture, urban, and wetlands) can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

10. Identification of the problem. Prior to first pesticide application covered under this General Permit that will result in a discharge of biological and residual pesticides to waters of the US, and at least once each calendar year thereafter prior to the first pesticide application for that calendar year, the Discharger must do the following for each vector management area:

a. If applicable, establish densities for larval and adult vector populations to serve as action threshold(s) for implementing pest management strategies;

The Alameda County Vector Control Services District staff only applies pesticides to sources of mosquitoes that represent imminent threats to public health or quality of life. The presence of any mosquito may necessitate treatment, however higher thresholds may be applied depending on the agency's resources, disease activity, surveillance data, or local needs. Treatment thresholds are based on a combination of one or more of the following criteria:

- Mosquito species present
- Mosquito stage of development
- Pest, nuisance, or disease potential
- Disease activity
- Mosquito abundance
- Flight range
- Proximity to populated areas
- Size of source
- Presence/absence of natural enemies or predators
- Presence of sensitive/endangered species or habitats.

b. Identify target vector species to develop species-specific pest management strategies based on developmental and behavioral considerations for each species;

Details of target vector species to develop species-specific pest management strategies can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

In addition, the District follows the Best Management Practices for Mosquito Control in California and the California Mosquito-borne Virus Surveillance and Response Plan.

c. **Identify known breeding areas for source reduction, larval control program, and habitat management; and**

Any site that holds water for more than 96 hours (4 days) can produce mosquitoes. Source reduction is the agency's preferred solution, and whenever possible the agency works with property owners to implement long-term solutions to reduce or eliminate the need for continued pesticide applications as described in the Best Management Practices for Mosquito Control in California.

Details of specific source reduction, larval control programs, and habitat management of known mosquito breeding sites can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

d. **Analyze existing surveillance data to identify new or unidentified sources of vector problems as well as areas that have recurring vector problems.**

Details of specific surveillance strategies can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website. In addition, this is included in the Best Management Practices for Mosquito Control in California and the California Mosquito-borne Virus Surveillance and Response Plan that the agency uses.

The Alameda County Vector Control Services District continually collects adult and larval mosquito surveillance data, dead bird reports, and monitors regional mosquito-borne disease activity detected in humans, horses, birds, and/or other animals, and uses these data to guide mosquito control activities.

11. **Examination of Alternatives. Dischargers shall continue to examine alternatives to pesticide use in order to reduce the need for applying larvicides that contain temephos and for spraying adulticides. Such methods include:**
    a. **Evaluating the following management options, in which the impact to water quality, impact to non-target organisms, vector resistance, feasibility, and cost effectiveness should be considered:**
        - **No action**
        - **Prevention**
        - **Mechanical or physical methods**
        - **Cultural methods**
        - **Biological control agents**
        - **Pesticides**

    If there are no alternatives to pesticides, dischargers shall use the least amount of pesticide necessary to effectively control the target pest.

Details of specific management options can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

In addition, the Alameda County Vector Control Services District's uses the principles and practices as described on pages 26 and 27 of the Best Management Practices for Mosquito Control in California.

As stated in item #10 above, locations where vectors may exist are assessed, and the potential for using alternatives to pesticides is determined on a case-by-case basis.

Commonly considered alternatives include: 1) Eliminate artificial sources of standing water; 2) Ensure temporary sources of surface water drain within four days (96 hours) to prevent adult mosquitoes from developing; 3) Control plant growth in ponds, ditches, and shallow wetlands; 4) Design facilities and water conveyance and/or holding structures to minimize the potential for producing mosquitoes; and 5) Use appropriate biological control methods that are available. Additional alternatives to using pesticides for managing mosquitoes are listed on pages 4-19 of the Best Management Practices for Mosquito Control in California.

Implementing preferred alternatives will depends on a variety of factors including availability of agency resources, cooperation with stakeholders, coordination with other regulatory agencies, and the anticipated efficacy of the alternative. If a pesticide-free alternative does not sufficiently reduce the risk to public health, pesticides are considered, beginning with the least amount necessary to effectively control the target vector.

b. Applying pesticides only when vectors are present at a level that will constitute a nuisance.

Details of specific pesticide options can be found in the District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report, found on the District website.

In addition, the Alameda County Vector Control Services District follows practices described in the California Mosquito-borne Virus Surveillance and Response Plan and Best Management Practices for Mosquito Control in California.

A "nuisance" is specifically defined in California Health and Safety Code (HSC) §2002(j). This definition allows vector control agencies to address situations where even a low number of vectors may pose a substantial threat to public health and quality of life. In practice, the definition of a "nuisance" is generally only part of a decision to apply pesticides to areas covered under this permit. As summarized in the California Mosquito-borne Virus Surveillance and Response Plan, the overall risk to the public when vectors and/or vector-borne disease are present is used to select an available and appropriate material, rate, and application method to address that risk in the context of our District's Integrated Mosquito and Vector Management Plan, Programmatic Environmental Impact Report.

12. Correct Use of Pesticides

Coalition's or Discharger's use of pesticides must ensure that all reasonable precautions are taken to minimize the impacts caused by pesticide applications. Reasonable precautions include using the right spraying techniques and equipment, taking account of weather conditions and the need to protect the environment.

This is an existing practice of the Alameda County Vector Control Services District and is required to comply with the Department of Pesticide Regulation's (DPR) requirements and the terms of our California Department of Public Health (CDPH) Cooperative Agreement. All pesticide applicators receive annual safety and spill training in addition to their regular continuing education.

13. If applicable, specify a website where public notices, required in Section VIII.B, may be found.

http://www.acvcsd.org

Pesticide Use by Alameda County Vector Control Services District for 2015

Pesticide	Manufacturer	Formulation	Target Pest	Amount Used	Applications
Contrac Super Blox	Bell Labs	8 oz Block	Domestic Rodents	987 lbs	167
Contrac Blox	Bell Labs	1 oz Block	Domestic Rodents	21 oz	7
Contrac Pellets	Bell Labs	Pellet	Domestic Rodents	21 oz	3
Ditrac Tracking Powder	Bell Labs	Insecticidal Dust	Domestic Rodents	13.38 lbs	40
Drione Dust	Bayer Environmental Science	Insecticidal Dust	Yellowjackets/ Wasps	13.38 lbs	57
Wasp Freeze	Whitmire	Aerosol Spray	Yellowjackets/ Wasps	32.31 lbs	28
Prescription Treatment Brand P. I.	Whitmire	Aerosal Spray	Yellowjackets/ Wasps	1.25 lbs	2
Wasp-X	Wellmark International	Aerosal Spray	Yellowjackets/ Wasps	15.56 lbs	14
Victor Poison-free Wasp & Hornet Killer	Woodstream	Aerosol Spray	Yellowjackets/ Wasps	2.44 lbs	8
Delta Dust	Bayer Environmental Science	Insecticidal Dust	Fleas/Yellowjackets/ Wasps	2 oz	1
Maxforce Roach Gel Bait	Bayer Environmental Science	Gel	Cockroaches	11.51 lbs	78
Maxforce Bait Station	Bayer Environmental Science	Bait Station	Cockroaches	9.71 oz	5

Pesticide Use by Alameda County Vector Control Services District for 2014

Pesticide	Manufacturer	Formulation	Target Pest	Amount Used	Applications
Altosid XR Briquets	Wellmark International	Briquet	Mosquito Larvae	3 oz.	1
Contrac Super Blox	Bell Labs	8 oz. Block	Domestic Rodents	761 lbs.	129
Contrac Pellets	Bell Labs	Pellet	Domestic Rodents	6 Oz	1
Delta Dust	Bayer Environmental Science	Insecticidal Dust	Fleas/Yellowjackets/ Wasps	8.5 oz.	4
Diatomaceous Earth	Woodstream	Insecticidal Dust	Ant/Crawling Insect	0.5 oz.	1
Ditrac Tracking Powder	Bell Labs	Insecticidal Dust	Domestic Rodents	7.69 lbs.	35
Drione Dust	Bayer Environmental Science	Insecticidal Dust	Yellowjackets/ Wasps	16.99 lbs.	97
Maxforce Bait Station	Bayer Environmental Science	Bait Station	Cockroaches	2.85 lbs.	34
Maxforce Roach Gel Bait	Bayer Environmental Science	Gel	Cockroaches	4.9 lbs.	49
Prescription Treatment	Whitmire	Aerosol Spray	Yellowjackets/	2.69	13

Brand P. I.			Wasps	lbs.	
Victor Poison-free Wasp & Hornet Killer	Woodstream	Aerosol Spray	Yellowjackets/ Wasps	8 oz.	3
Wasp Freeze	Whitmire	Aerosol Spray	Yellowjackets/ Wasps	19.81 lbs.	21
Wasp-X	Wellmark International	Aerosol Spray	Yellowjackets/ Wasps	25.13 lbs.	19

References:

Best Management Practices for Mosquito Control in California. 2010. Available by download from the California Department of Public Health—Vector-Borne Disease Section at http://www.westnile.ca.gov/resources.php under the heading *Mosquito Control and Repellent Information*. Copies may be also requested by calling the California Department of Public Health—Vector-Borne Disease Section at (916) 552-9730 or the Alameda County Vector Control Services District, (510) 567-6800

California Mosquito-borne Virus Surveillance and Response Plan. 2010. [Note: this document is updated annually by CDPH]. . Available by download from the California Department of Public Health—Vector-Borne Disease Section at http://www.westnile.ca.gov/resources.php under the heading *Response Plans and Guidelines*. Copies may be also requested by calling the California Department of Public Health—Vector-Borne Disease Section at (916) 552-9730 or the Alameda County Vector Control Services District, (510) 567-6800

MVCAC NPDES Coalition Monitoring Plan.

Attachment B

Alameda County Vector Control Services District

V. Pesticide Application Information
List of Active Ingredients that may be used under NPDES Permit.

Active Ingredient

Bacillus thuringiensis var. Israelensis
Bacillus sphaericus (Lysinibacillus sphaericus)
Deltamethrin
Etofenprox
Methoprene
Monomolecular Films
Petroleum Distillates
Permethrin
Piperonyl butoxide
Prallethrin
Pyrethrin
Spinosad
Sumithrin

Any minimum risk category pesticides that are FIFRA exempt and registered for use in California and used in a manner specified in 40 C.F.R. section 152.25

NPDES Government Contact List - Attachment C

Alameda County Administor	Susan Muranishi	1221 Oak Street, Room 555	Oakland, CA 94612
Alameda County Ag Commissioner	Dennis F. Bray	224 W. Winton Ave. Room 184	Hayward, CA 94544
Alameda County Board of Supervisor	Scott Haggerty	1221 Oak St.	Oakland, CA 94612
Alameda County Board of Supervisor	Richard Valle	1221 Oak St.	Oakland, CA 94612
Alameda County Board of Supervisor	Wilma Chan	1221 Oak St.	Oakland, CA 94612
Alameda County Board of Supervisor	Nate Miley	1221 Oak St.	Oakland, CA 94612
Alameda County Board of Supervisor	Keith Carson	1221 Oak St.	Oakland, CA 94612
Alameda County Board of Supervisors Clerk	Anika Campbell-Belton	1221 Oak Street, Suite 556	Oakland, CA 94612
Alameda County Clerk-Recorder's Office		1106 Madison Street	Oakland, CA 94607
Alameda County Fire Department	Sheldon D. Gilbert	835 East 14th Street, Suite 200	San Leandro, CA 94577
Alameda County Library	Jean Hofacket	2450 Stevenson Blvd.	Fremont CA 94538
Alameda County Mosquite Abatement District	Ryan Clausnitzer	23187 Connecticut St.	Hayward, CA 94545
Alameda County Planning Department	Albert Lopez	224 West Winton Avenue, Rm. 111	Hayward, CA 94544
Alameda County Public Health Department	Anita Siegel	1000 Broadway, Suite 500	Oakland, CA 94607
Alameda County Public Works Agency		399 Elmhurst Street	Hayward, CA 94544
Alameda County Resource Conservation District	Mike Gatzman	3585 Greenville Road, Suite 2	Livermore, CA 94550-6710
Alameda County Water District	Evan Buckland	43885 South Grimmer Blvd.	Fremont, CA 94538
Alameda County Water District	Laura Hidas	43885 South Grimmer Blvd.	Fremont, CA 94538
Alameda County Water District	Walt Wadlow	43885 South Grimmer Blvd.	Fremont, CA 94538
Alameda Countywide Clean Water Program		399 Elmhurst Street	Hayward, CA 94544
Albany City Manager	Penelope Leach	1000 San Pablo Avenue	Albany, CA 94706
Albany City Planning Department	Doug Donaldson	1000 San Pablo Avenue	Albany, CA 94706
Albany Public Library		1247 Martin Avenue	Albany, CA 94706
City of Albany Environmental Resources	Claire Griffing	1000 San Pablo Avenue	Albany, CA 94706
City of Albany Public Works Department	Ray Chan	548 Cleveland Ave	Albany, CA 94710
Association of Bay Area Governments	Mark Luce	P.O. Box 2050	Oakland, CA 94604-2050
Bay Area Air Quality Management District	Sean Gallagher	939 Ellis St.	San Francisco, CA 94109
Bay Area Water Supply and Conservation Agency	Barbara Pierce	155 Bovet Road, Suite 650	San Mateo, CA 94402
CA Bay-Delta Authority c/o CALFED Bay-Delta Program	Pat Rogers	650 Capitol Mall, 5th Floor	Sacramento, CA 95814
CA Department of Fish and Wildlife-Bay Delta Region	Scott Wilson	P.O. Box 47	Yountville, CA 94599
CA Department of Fish and Wildlife	Charlton Bonham	146 9th Street, 12th Floor	Sacramento, CA 95814
CA Department of Pesticide Regulation	Liz Neese	1001 I Street, PO Box 4015	Sacramento, CA 95812
CA Department of Public Health	Vicki Kramer	1616 Capitol Avenue	Sacramento, CA 95899
East Bay Regional Park District	Robert Doyle	P.O. Box 5381	Oakland, CA 94605