

ATTACHMENT E – NOTICE OF INTENT

**RECEIVED**

APR 04 2016

WATER QUALITY ORDER 2016-XXXX-DWQ  
GENERAL PERMIT CAG990004

DIVISION OF WATER QUALITY

**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	<input checked="" type="checkbox"/> A. New Applicator	<input type="checkbox"/> B. Change of Information: WDID# _____
	<input type="checkbox"/> C. Change of ownership or responsibility: WDID# _____	
	<input type="checkbox"/> D. Enrolled under Order 2011-0002-DWQ: WDID# _____	

**II. DISCHARGER INFORMATION**

A. Name <b>West Valley Mosquito and Vector Control District</b>			
B. Mailing Address <b>1295 E. Locust Street</b>			
C. City <b>Ontario</b>	D. County <b>San Bernardino</b>	E. State <b>CA</b>	F. Zip Code <b>91761</b>
G. Contact Person <b>Min-Lee Cheng, Ph.D.</b>	H. Email address <b>mcheng@wvmvcd.org</b>	I. Title <b>District Manager</b>	J. Phone <b>909-635-0307</b>

**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: San Bernardino County  
Name of the conveyance system: San Antonio, Cucamonga, and Deer Creek channels-Appendix A

3. Directly to river, lake, creek, stream, bay, ocean, etc.  
Name of water body: \_\_\_\_\_

\* 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 8  
(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

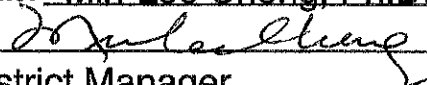
\* If yes, a copy of the notifications shall be attached to the NOI.

**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: Min-Lee Cheng, Ph.D.  
B. Signature:   
C. Title: District Manager


Date: March 30, 2016

**X. FOR STATE WATER BOARD USE ONLY**

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

Appendix A

WVMVCD



WEST VALLEY MVCD  
Green Lines Denote Waters  
within District Boundries

**Attachment B**

**West Valley MVCD NOI**

**V. Pesticide Application Information**

**List of Active Ingredients that may be used under NPDES Permit.**

<b>Active Ingredient</b>
Bacillus thuringiensis, subsp. israelensis
Bacillus sphaericus (Lysinibacillus sphaericus)
Cypermethrin
Deltamethrin
Dichlorvos
Diflubenzuron
Etofenprox
Lambda-Cyhalothrin
Malathion
Methoprene (s-methoprene)
Monomolecular Films
Naled
N-octyl Bicycloheptene Dicarboximide (MGK-264)
Petroleum Distillates
Permethrin
Piperonyl butoxide
Potassium Salts of fatty acids
Prallethrin
Pyrethrin
Resmethrin
Spinosad
Sumithrin
Temephos
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





# WEST VALLEY MOSQUITO AND VECTOR CONTROL DISTRICT

1295 E. LOCUST STREET, ONTARIO, CA 91761 TELEPHONE (909)-635-0307  
[WWW.WVMOSQUITO.ORG](http://WWW.WVMOSQUITO.ORG)

## BOARD OF TRUSTEES

### CHINO

*Glenn Duncan*

### CHINO HILLS

*Cynthia Moran*

### DISTRICT AT LARGE

*Benjamin Lopez*

### MONTCLAIR

*Carolyn Raft*

### ONTARIO

*Paul Leon*

### RANCHO CUCAMONGA

*William Wittkopf*

### DISTRICT MANAGER

*Min-Lee Cheng, Ph.D.*

March 28, 2016

## NOTICE TO POTENTIALLY AFFECTED GOVERNMENTAL AGENCIES

City of Chino  
City of Ontario  
City of Montclair  
City of Chino Hills  
City of Rancho Cucamonga  
The Honorable Curt Hagman  
The Honorable Robert A. Lovingood  
The Honorable Janice Rutherford  
The Honorable James Ramos  
The Honorable Josie Gonzales  
San Bernardino County Flood Control  
San Bernardino County Regional Parks

San Bernardino County Ag. Commissioner  
US Army Corps of Engineers  
Caltrans District 8  
California Department of Fish & Wildlife  
California Department of Pesticide Regulation  
Cucamonga Valley Water District  
Monte Vista Water District  
Chino Basin Water Conservation District  
Inland Empire Utilities Agency  
California Institution for Men  
California Institution for Women  
Ontario International Airport  
Southern California Edison

**Subject: West Valley Mosquito and Vector Control District Notice of Intent to apply aquatic larvicides and adulticides for vector control as part of the District's integrated vector management program.**

Pursuant to the provisions stated in the National Pollutant Discharge Elimination System (NPDES) Permit (Water Quality Order No. 2011-0002-DWQ) [General Permit No. CAG 990004] adopted on March 1, 2011 and revised on July 2, 2014 (Water Quality Order 2014-0106 DWQ) and (Water Quality Order 2016-XXXX-DWQ), notice is hereby given that the West Valley Mosquito and Vector Control District intends to continue to perform larvicide, ultra low volume (ULV) adulticide, and adulticide applications as part of its integrated vector management program.

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 contains 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 and have been exempted from FIFRA requirements.

The District's activities are conducted year-round within a 200 square mile area in the southwest corner of the County of San Bernardino. The areas that will be actually or potentially impacted by District activities include dairy waste water lagoons, dairy pastures, irrigated agricultural fields, unmaintained above and underground stormwater BMP devices, neglected swimming pools, natural and manmade riparian habitats, manmade wetlands, street gutters, street drains, backyard sources and

miscellaneous standing water sources and other waters of the U.S. in the following: The incorporated cities of Chino, Chino Hills, Montclair, Ontario, Rancho Cucamonga and unincorporated areas of San Bernardino County within the District's sphere of influence.

The following is a list of active ingredients approved for the FIFRA regulated pesticides and used within the District boundaries.

Active ingredients for larval mosquito control:

<i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> (Bti)
<i>Bacillus sphaericus</i> ( <i>Lysinibacillus sphaericus</i> ) (Bs)
Diflubenzuron
Methoprene (s-methoprene)
Monomolecular Films
Petroleum Distillates
Spinosad
Temephos

Active ingredients for adult mosquito control:

Cypermethrin
Deltamethrin
Dichlorvos
Etofenprox
Lambda-Cyhalothrin
Malathion
Naled
N-octyl bicycloheptene dicarboximide (MGK-264)
Piperonyl butoxide (PBO)
Permethrin
Prallethrin
Pyrethrin
Resmethrin
Sumithrin

Applications are made in an effort to protect the public's health from vector-borne diseases, are based on key vector and arbovirus surveillance indicators, and are in strict compliance with pesticide label requirements. District personnel are licensed and apply pesticides according to product label and in compliance of local, state, and federal regulations.

If you have any questions regarding this Notice of Intent, please contact:



Min-Lee Cheng, Ph.D.  
District Manager  
1295 E. Locust Street  
Ontario, CA, 91761  
909-635-0307

**The NPDES Permit requires a Pesticides Application Plan (PAP) that contains the following elements:**

- 1. Description of the target area and adjacent areas, if different from the water body of the target area;**

The West Valley Mosquito and Vector Control District is located in the Southwest corner of the County of San Bernardino bounded as follows:

- On the South by the San Bernardino County Line
- On the West by the San Bernardino County line and the Westerly boundary of the City of Rancho Cucamonga
- On the North by the Northerly Sphere of Influence boundaries of the cities of Montclair and Ontario and the northerly boundary of the City of Rancho Cucamonga
- On the East by the Easterly boundary of the City of Rancho Cucamonga and Sphere of Influence boundary of the City of Ontario

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

Please see the Best Management Practices for Mosquito Control in California.

Routinely, public education, vegetation management enforcement, and source reduction are the primary approaches in mosquito control adopted by the District. Control measures become necessary when source reduction has failed or have not been implemented and mosquito population's rise above acceptable levels. The judicious use of pesticides is considered after reviewing surveillance data to determine if the vector problem threatens the public's health or quality of life.

- 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;**

- a. 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 that contain the active ingredients listed below. In addition, pesticides that fall under the "minimum risk" category may be used. The minimum risk pesticides have been exempted from FIFRA requirements. All of these products may be applied by ground (hand, truck, ATV, backpack, etc) or by air (helicopter or fixed wing aircraft).



**List of Active Ingredients:**

Bacillus thuringiensis, subsp. israelensis
Bacillus sphaericus (Lysinibacillus sphaericus)
Cypermethrin
Deltamethrin
Dichlorvos
Diflubenzuron
Etofenprox
Lambda-Cyhalothrin
Malathion
Methoprene (s-methoprene)
Monomolecular Films
Naled
N-octyl Bicycloheptene Dicarboximide (MGK-264)
Petroleum Distillates
Permethrin
Piperonyl butoxide
Potassium Salts of fatty acids
Prallethrin
Pyrethrin
Resmethrin
Spinosad
Sumithrin
Temephos
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

**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 District's preferred solution, and whenever possible the District works with property owners to effect long-term solutions to reduce or eliminate the

need for continued pesticide applications as described in Best Management Practices for Mosquito Control in California. Please see District Boundary Map. The typical sources treated by this District include:

- dairy waste water lagoons
- dairy pastures
- irrigated agricultural fields
- unmaintained above and underground stormwater BMP devices
- neglected swimming pools
- natural and manmade riparian habitats
- manmade wetlands
- persistently clogged street gutters and drains
- other small backyard sources.
- miscellaneous standing water sources

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

With all mosquitoes or other vector sources, the WVMVCD's first goal is to look for ways to eliminate the source, or, if that is not practical, for ways to reduce the vectors through land and water management, public education and biological control. The most commonly used methods and their limitations are included in the Best Management Practices for Mosquito Control in California.

The WVMVCD's best management practices are based on integrated vector management (IVM). The District emphasizes promoting public awareness of removing standing water to curtail mosquito breeding. Neglected swimming pools must be restored to normal operational conditions or drained. Aboveground BMPS, e.g. swales, must be kept weed and debris free and must not allow standing water for more than 96 hours. Underground BMPS, e.g. different types of vaults, must be cleaned out regularly of all debris. Wherever applicable, mosquitofish is planted in neglected swimming pools in vacant properties, fishponds, water troughs or ponds in defunct dairies, or other permanent water sources that are not connected to any of the waterways. Use of pesticides to control or prevent mosquito breeding is always the last resort.

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

The need to apply product is determined by surveillance. Products are applied according to label specifications, which have been determined by EPA under FIFRA. Actual use varies annually depending on environmental factors, mosquito abundance and the presence of potential breeding sources. The pesticide amounts presented below were taken from the WVMVCD's 2015 PUR as an estimate of pesticide use in 2015. Other public health pesticides in addition to those listed below may be used as part of the agency's best management practices.

**Pesticides Applied by WVMVCD for Mosquito Control in 2015.**

Trade Name	EPA #	Active Ingredient (AI)	Classification	Usage in 2015
AquaBac PP-OSF	62637-15	Bacillus thuringiensis israelensis (Bti)	Biopesticide-Microbial	237.60 Lbs
Altosid Extended Briquet	2724-421-50809	s-methoprene	Biorational - IGR	0.12 Lbs
Altosid Liquid Larvicide	432-763	s-methoprene	Biorational - IGR	0.01 Gal.
Altosid WSP	2724-448	s-methoprene	Biorational - IGR	4.59 Lbs
Bactimos Briquet	6218-47	Bacillus thuringiensis israelensis (Bti)	Biopesticide-Microbial	2.51 Lbs
BVA2 Lavicidal oils	70589-1	Petroleum distillate	Surface film	357.41 Gal.
FourStar SBG	85685-1	Bacillus thuringiensis israelensis (Bti)	Biopesticide-Microbial	60.00 Lbs
Masterline Kontrol Oil	73748-10	Petroleum distillate	Surface film	709.8 Gal.
Natular T30	8329-85	Spinosad	Biopesticide-Microbial	0.86 Lbs
Natular NG30	8329-83	Spinosad	Biopesticide-Microbial	832.45 Lbs
VectoBac 12AS	275-102	Bacillus thuringiensis israelensis (Bti)	Biopesticide-Microbial	4.75 Gal.
VectoLex WDG	73049-57	Bacillus sphaericus (Bsph)	Biopesticide-Microbial	474.95 Lbs
VectoMax FG	73049-429	Bti and Bacillus sphaericus	Biopesticide-Microbial	4.45 Lbs
VectoMax WSP	73049-429	Bti and Bacillus sphaericus	Biopesticide-Microbial	7.03 Lbs
Bactimos PT	73049-452	Bacillus thuringiensis israelensis (Bti)	Biopesticide-Microbial	200 Lbs
FourStar CRG	85685-4	Bacillus thuringiensis israelensis (Bti)	Biopesticide-Microbial	160 Lbs
Pyrenone 5-25	432-1050	Pyrethrins	Pyrethroids-Adulticide	0.006 Gal.
Suspend SC	432-763	Pyrethrins	Pyrethroids-Adulticide	0.008 Gal.
Nuvan Prostrips	5481-553	Dichlorvos	Oragnophosphate-Adulticide	0.046 Lbs

**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;**

Examples of alternatives to pesticide application include:

- Coordinating with other agencies, such as San Bernardino County Vector Control Program and Flood Control District, the cities and other governmental agencies to maintain flowing water in flood control channels by removing vegetation
- Coordinating with Southern Pacific Transportation Co. to abate the vegetation and removing standing water in shallow spots
- Coordinating with Conservation Districts to implement guidelines on new and current mitigation projects
- Enforcing vegetation control in retention and detention ponds

- Inspecting and enforcing the practice of turning over and spread thinly of cow manure every 3 days to prevent fly breeding
- Enforcing the rule that property owners are responsible for weed abatement
- Inspecting and enforcing regular clean out of underground BMP devices by property owners or property management companies
- Aerial surveillance program to identify unmaintained swimming pools and spas
- Coordinating with US Army Corp of Engineers to remove vegetation and debris from riparian habitat to allow for unobstructed water flow.
- Enforcement of California Health and Safety Code section 2060-2067

Also please see the Best Management Practices for Mosquito Control in California

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

***a. measures to prevent pesticide spill;***

District staff ensures equipment used to apply pesticides works properly by inspecting before each use and weekly. Devices to contain spills are present in all vehicles that carry pesticides and areas where pesticides are stored. Staff is trained annually and as often as necessary to prevent and contain spills.

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

Equipment used to apply pesticides is calibrated at least once per year as required by the MOU with the CA Dept. of Public Health. However, the pesticide label and associated registration by USEPA and CDPR are the authority of how much product can be legally applied to control the target.

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

Applicators are required to complete pesticide training on an annual basis. The local agricultural commissioner and/or CDPH keep records of these training sessions for review. 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.;***

District calibrates all equipment used to apply pesticides at least annually. Records of treatments are stored on database and reviewed daily for accuracy. Ultra Low Volume (ULV) equipment is calibrated to apply pesticides according to label requirements. The contractor will calibrate aerial equipment used to apply pesticides. Any aircraft that applies pesticides is required to use the best available system to apply the product correctly.

***e. descriptions of specific BMPs for each pesticide product used;***

Please see: Best Management Practices for Mosquito Control in California,  
<http://www.cdph.ca.gov/HealthInfo/discond/Pages/MosquitoBorneDiseases.aspx>

***f. descriptions of specific BMPs for each type of environmental setting (agricultural, urban, and wetland).***

Please see: Best Management Practices for Mosquito Control in California,  
<http://www.cdph.ca.gov/HealthInfo/discond/Pages/MosquitoBorneDiseases.aspx>

**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 West Valley Mosquito and Vector Control District staff only apply pesticides to sources of mosquitoes that represent 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;**



<b>Mosquitoes Present in the West Valley Mosquito and Vector Control District</b>	
<i>Culex pipiens quinquefasciatus</i>	<i>Anopheles hermsi</i>
<i>Culex stigmatosoma</i>	<i>Anopheles franciscanus</i>
<i>Culex tarsalis</i>	<i>Aedes sierrensis</i>
<i>Culex erythrothorax</i>	<i>Anopheles punctipennis</i>
<i>Culiseta incidens</i>	<i>Aedes vexans</i>
<i>Culiseta inornata</i>	<i>Any introduced new species</i>

Please see 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.

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

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 West Valley Mosquito and Vector Control District continually collects adult and larval mosquito surveillance data, dead bird reports, and sentinel chicken test results, 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.**

District uses the principles and practices of Integrated Vector Management (IVM) 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 vegetation growth in ponds, ditches, and shallow wetlands; 4) Recommend designs of 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 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.**

This describes the District's existing integrated vector management (IVM) program, as well as the practices described in the California Mosquito-borne Virus Surveillance and Response Plan and Best Management Practices for Mosquito Control in California that are used by this agency.

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 IVM program.

**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 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.**

[www.wvmosquito.org](http://www.wvmosquito.org).

**References:**

Best Management Practices for Mosquito Control in California. 2012. 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 West Valley Mosquito and Vector Control District at (909) 635-0307.

California Mosquito-borne Virus Surveillance and Response Plan. 2015. [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 West Valley Mosquito and Vector Control District at (909) 635-0307.


MVCAC NPDES Coalition Monitoring Plan. 2011. *Pending. Information will be available from MVCAC Consultant hired to develop Plan and conduct monitoring.*





Appendix A

WVMVCD



WEST VALLEY MVCD  
Green Lines Denote Waters  
within District Boundries