RECEIVED

MAR 0 2 2012

DIVISION OF WATER QUALITY

ATTACHMENT G – NOTICE OF INTENT

WATER QUALITY ORDER NO. 2011-0002-DWQ
GENERAL PERMIT NO. CAG 990004

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# _____

II. DISCHARGER INFORMATION

A. Name			
West Side Mosquito and Vector Control District			
B. Mailing Address			
P.O. Box 205			
C. City	D. County	E. State	F. Zip Code
Taft	Kern	CA	93268
G. Contact Person	H. Email address	I. Title	J. Phone
Margy Tims	wsm.mosq@wildblue.net	Manager	(661) 763-3510

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: California Aqueduct

2. Canals, ditches, or other constructed conveyance facilities owned and controlled by an entity other than the Discharger.
☐ Owner's name: _____
Name of the conveyance system: _____

3. Directly to river, lake, creek, stream, bay, ocean, etc.
☒ Name of water body: Kern River, Buena Vista Lake, Kern Flood Channel

* 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 5
(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: X Vector Larvae X Adult Vector

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

BVA 2, Petroleum distillate; Biomist 4-12, Permathrine & PBO;

Altoside, S. methoprene; Teknar, B.T.I.; Vectobac G, B.T.I.

C. Period of Application: Start Date January 1, 2012 End Date December 31, 2012

D. Types of Adjuvants Added by the Discharger: Water

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 PAP 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 General Permit, including developing and implementing a monitoring program, will be complied with."

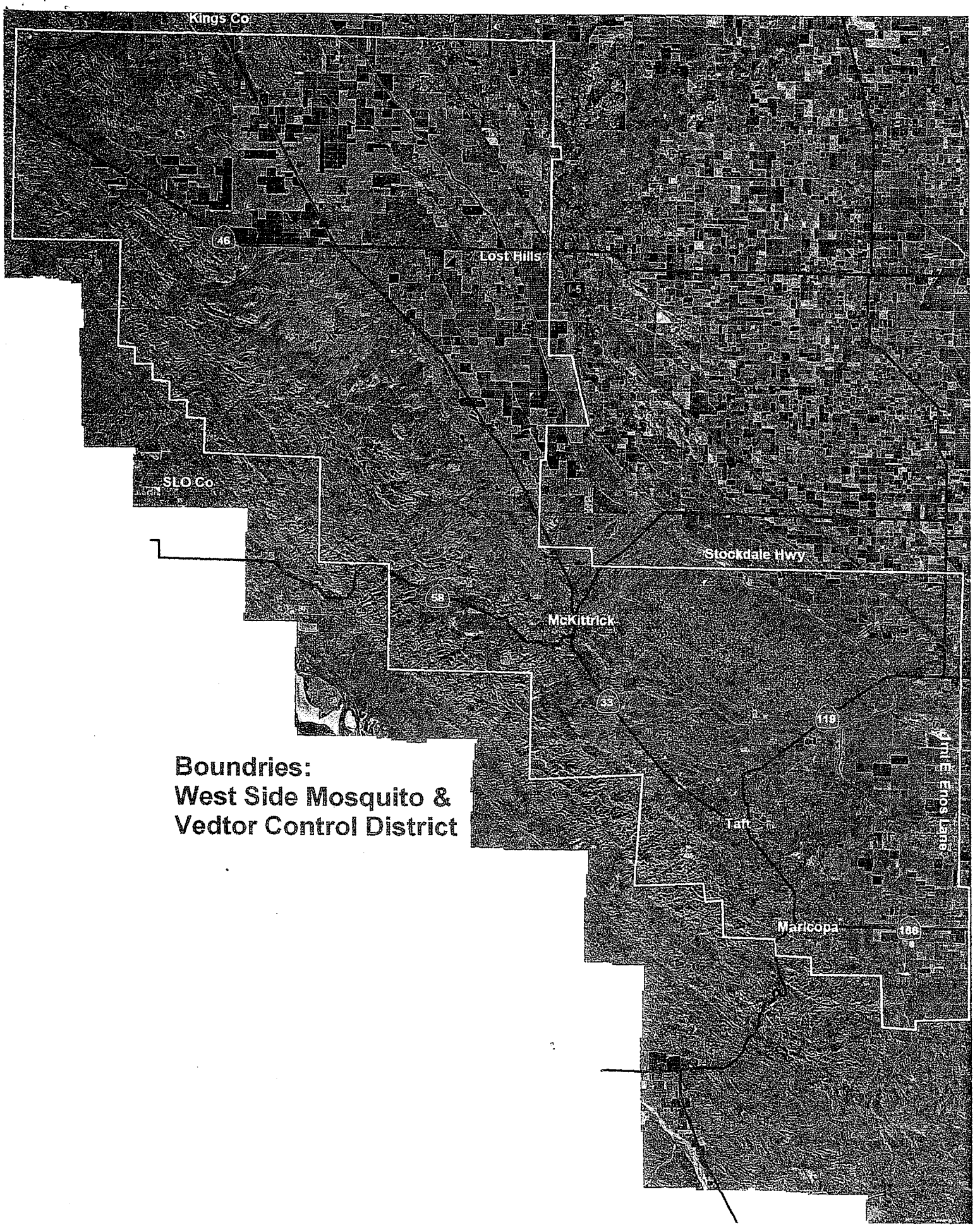
A. Printed Name: Margy Tims

B. Signature: Margy Tims **Date:** February 28, 2012

C. Title: Manager

X. FOR STATE WATER BOARD USE ONLY

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



Boundries:
West Side Mosquito &
Vedtor Control District

PAM

WEST SIDE
MOSQUITO & VECTOR CONTROL DISTRICT

P.O. BOX 205
TAFT, CALIFORNIA 93268

7004 GAS CO. RD.

PHONE (661) 763-3510
FAX (661) 763-5793
EMAIL wsm.mosq@wildblue.net

February 24, 2011

Regional Water Quality Control Board
Central Valley RWQCD (5F)
1685 E Street
Fresno, CA 93706

Re: NPDES Permit and Notice of Intent

I have included the District's "Pesticide Application Plan" and supporting documents for our NOI in this packet. The District's NOI and payment for the NOI will be mailed to you separately from the County of Kern's Auditors office.

I apologize for the inconvenience of separate mailings. The Auditor's office processes the District's invoices and payments and the entire packet of NOI, PAP, and supporting documents was too large for the Auditor to ship.

Thank you for your consideration.

Sincerely,

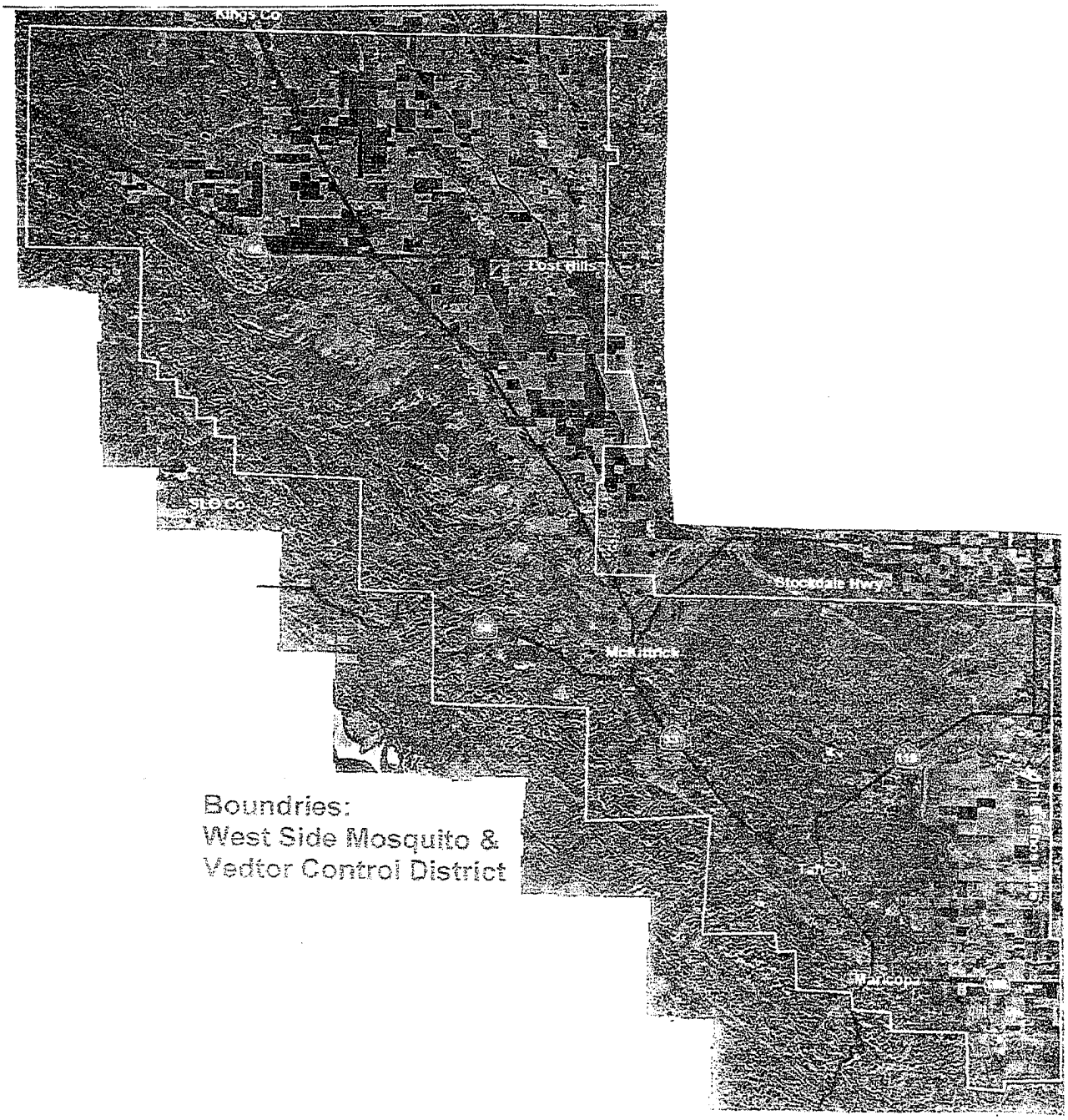
Don W. Black

Don W. Black

PESTICIDES APPLICATION PLAN

(PAP)

a. West Side Mosquito and Vector Control District covers 1,500 square miles. The District handles many different mosquito breeding environments from rural and residential areas, farm lands, oilfields and water banking fields from the City of Maricopa to the Kings County Line.



b. 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

c. Type(s) of pesticides used, the method in which they are applied, and if applicable, the adjuvants and surfactants used;

Please see the Best Management Practices for Mosquito Control in California

d. Description of the types and locations of the anticipated application area and the target area to be treated by the Discharger, recognizing that, with vector control, the precise locations may not be known until after surveillance;

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 applications as described in Best Management Practices for Mosquito Control in California. The typical sources treated by this District include:

Urban: Storm drains, street gutters, runoff sumps, neglected swimming pools, broken septic systems, various outdoor containers holding rain water, fish ponds, horse troughs, and other standing water.

Agricultural: Irrigation return sumps, tail water, water line leaks, ground water recharge basins, canals and other standing water.

Industrial: Oil field waste water sumps, water leaks, steam generator plants and run off Sumps.

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

With any mosquito or other vector source, the District's first goal is to look for ways to eliminate the source, or, if that is not possible, for ways to reduce the vector potential. The most commonly used methods and their limitations are included in the Best Management Practices for Mosquito Control in California.

Specific methods used by the District include stocking mosquito fish (Gambusia affinis), educating residents that mosquitoes develop in standing water and encouraging 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 applications.

f. Approximately how much product is anticipated to be used and how this amount was determined. Attached is a summary of Pesticide Applications from 2010 (Appendix A)

g. Representative monitoring locations* and the justification for selecting these monitoring locations
Please see the MVCAC NPDES Coalition Monitoring Plan

STATE OF CALIFORNIA

MONTHLY SUMMARY PESTICIDE USE REPORT

PR-ENF-060 (REV. 4/92)

INSTRUCTIONS FOR COMPLETING THIS FORM ARE INDICATED BELOW AND ON THE REVERSE SIDE

DEPARTMENT OF PESTICIDE REGULATIOI
ENFORCEMENT BRANC

Appendix A

OPERATOR (FIRM NAME)	ADDRESS	CITY	ZIP CODE	PHONE NUMBER
West Side Mosq&VCD	P.O. Box 205	Taft	93268	(661) 763-351(

OPERATOR ID/PERMIT NUMBER	LICENSE NUMBER	COUNTY WHERE APPLIED	COUNTY NUMBER	MONTH/YEAR OF USE	TOTAL NUMBER OF APPLICATIONS
15-10-15-062		Kern	15	1-12-2010	

total-year 2010

1. ***Complete Columns A, B, C, and D for All Users***
2. ***Complete Column E by Using One of the Following Codes***
   - Code 10 - Structural Pest Control..... includes any pest control work performed within or on buildings and other structures.
   - Code 30 - Landscape Maintenance Pest Control..... includes any pest control work performed on landscape plantings around residences, or other buildings, golf courses, parks, cemeteries, etc.
   - Code 40 - Right-of-Way Pest Control..... includes any pest control work performed along roadsides, power lines, median strips, ditch banks and similar sites.
   - Code 50 - Public Health Pest Control..... includes any pest control work performed by or under contract with State or local public health or vector control agencies.
   - Code 80 - Vertebrate Pest Control..... includes any vertebrate pest control work performed by public agencies or work under the supervision of the State or county agricultural commissioner
   - Code 91 - Commodity Fumigation (Nonfood/Nonfeed)... includes fumigation of nonfood/nonfeed commodities such as; pallets, dunnage, furniture, burlap bags, etc.
   - Code 100 - Regulatory Pest Control..... includes any pest control work performed by public employees or contractors in the control of regulated pests.
3. ***Complete Columns F and G, If Use Does not Fit one of the Above Codes***

A MANUFACTURER AND NAME OF PRODUCT APPLIED	B EPA/CALIFORNIA REGISTRATION NUMBER FROM LABEL INCLUDE ALPHA CODE	C TOTAL PRODUCT USED (Circle One Unit of Measure)	D NUMBER OF APPLICATIONS	E CODE	F COMMODITY OR SITE TREATED	G ACRES/UNITS TREATED
BVoils BVA-2 oil	70589-1	1021.5 LB OZ PT QT (GA)	684			339.7 A
Valent Teknar HPD	73049-404	319.33 LB OZ PT QT (GA)	379			3,298 A.
monsanto Roundup	524-475	36 LB (OZ) PT QT GA	2			3.25 A
Clarke Biomist 4-12	8329-34	45.91 LB (OZ) PT QT GA	13			670.34
zoecon Altosid briquette	2724-421-50809	23.12 (LB) OZ PT QT GA	16			1.74 Ac
Syngenta Reward	100-1091	64 LB (OZ) PT QT GA	1			1 AC
Abbott Vectobac G	275-50	31 (LB) OZ PT QT GA	4			6.1 Ac
		LB OZ PT QT GA				
		LB OZ PT QT GA				
		LB OZ PT QT GA				

REPORT PREPARED BY _____ DATE _____

h. Evaluation of available BMP's to determine if there are feasible alternatives to the selected pesticide application project that could reduce potential water quality impacts; and

Please see the Best Management Practices for Mosquito Control in California

i. Description of the BMP's to be implemented
Please see the Best Management Practices for Mosquito Control in California

2. The Discharger shall update the PAP periodically and submit the revised PAP to the State Water Board for approval if there are any changes to the original PAP.

D. Best Management Practices (BMP's)
The Discharger shall develop BMP's that contain the following elements:

1. Identify the Problem
Prior to first pesticide application covered under this General Permit that will result in a discharge of 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 to the following for each vector management area:

a. Establish densities for larval and adult vector populations to serve as action threshold(s) for for implementing pest management strategies
Only those mosquito sources that District staff determine to represent imminent threats to public health or quality of life are treated. The presence of any mosquito may necessitate treatment, however higher thresholds may be applied depending on the District's resources, disease activity, 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;

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

continued applications as described in 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 Districts uses. The District continually collects adult and larval mosquito surveillance data, dead bird reports, and sentinel chicken test results and uses them to guide mosquito control activities.

2. Examine the Possibility of Alternatives to Treatments
Dischargers should continue to examine the possibility of alternatives to reduce the need for applying larvicides that contain temephos and for spraying adulticides. Such methods include:

a. Evaluating management and treatment options that may impact water quality, non-target organisms, vector resistance, feasibility, and cost effectiveness, such as:

- No action
- Source prevention
- Mechanical or physical source reduction methods
- Cultural methods
- Biological control agents
  Pesticides

b. Applying pesticides only when vectors are present at a level that will constitute a nuisance or threat to public health

c. Using the least intrusive method of pesticide application.

d. Public education efforts to reduce potential vector breeding habitat.

e. Applying a decision matrix concept to the choice of the most appropriate formulation.

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.

3. Correct Use of Pesticides
Users of pesticides must ensure that all reasonable precautions are taken to minimize the impacts caused by pesticide applications. Reasonable precautions include using the proper spraying techniques and equipment, taking account of weather conditions and the need to protect the environment.

a. All errors in application and spills are reported to the proper authority.

b. Staff training in the proper application of pesticides and handling of spills.

This is an existing practice of the District, and is required to comply with the Department of Pesticide Regulation's (DRP) 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.

E. Pesticide Application Log

The Discharger shall maintain a log for each pesticide application. The application log shall contain, At a minimum, the following information, when practical, for larvicide or adulticide applications:

1. Date of application;
2. Location of the application and target areas (e.g., address, crossroads, or map coordinates);
3. Name of applicator;
4. The names of the water bodies treated if known/named (i.e., canal, creek, lake, etc.);
5. Application details, such as when the application started and stopped, pesticide application rate and concentration, water flow rate of the target area, surface water area, volume of water treated, pesticide(s) and adjuvants used the Discharger, and volume or mass of each component discharged;

This is an existing practice of the District as required to comply with DPR regulations and our CDPH Cooperative Agreement requirements.

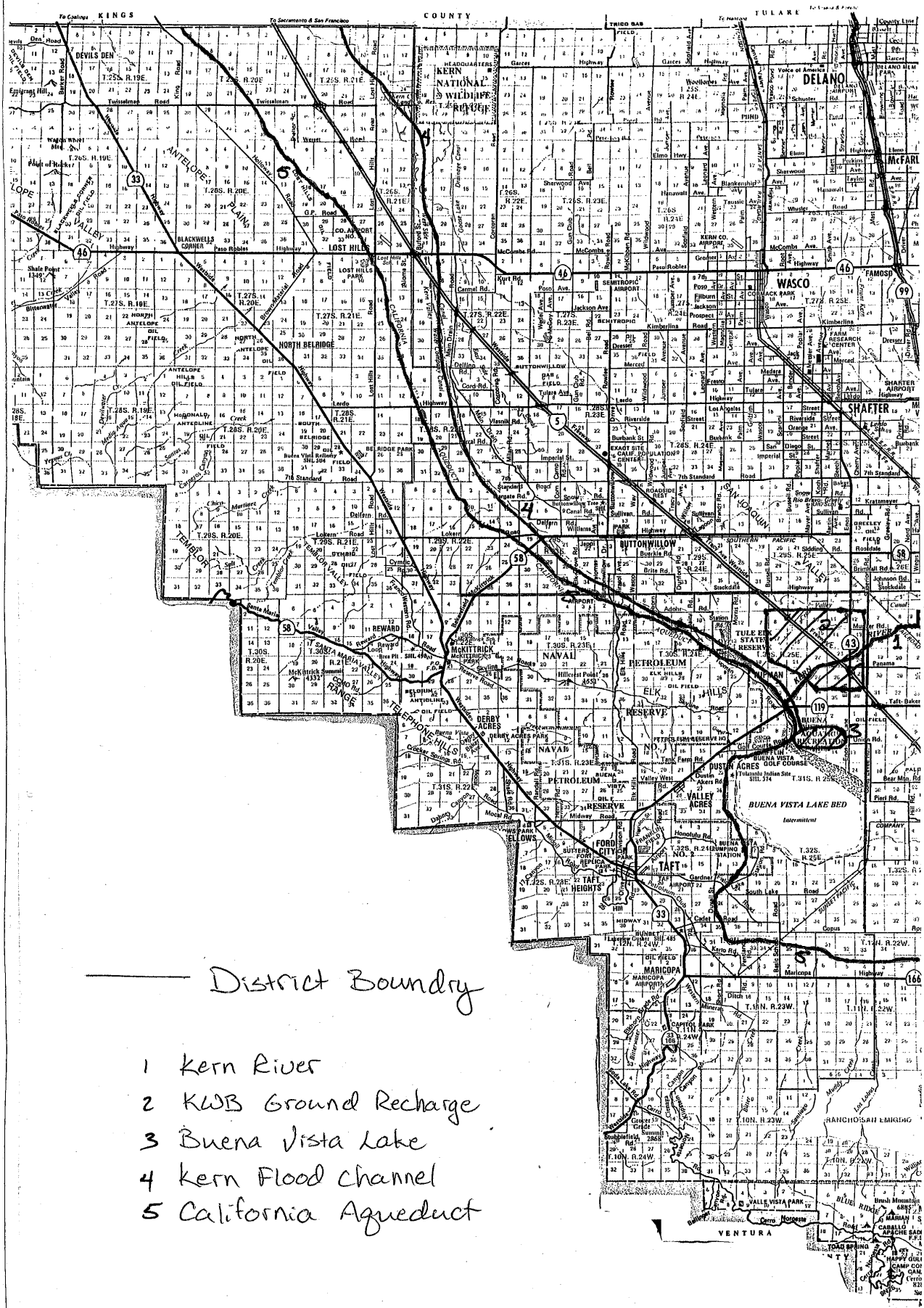
References:

Best Management Practices for Mosquito Control in California. 2010. Available from the California Department of Public Health – Vector-borne Disease Section, (916) 552-9730 or by download From http://www/westnile,ca,gov/resources.php under the heading Mosquito Control and Repellent information.

California Mosquito-borne Virus Surveillance and Response Plan. 2010. (Note: this document is Updated annually by CDPH). Available from the California Department of Public Health Vector-Borne Disease Section, (916) 552-9730 or by download from http://www/westnile,ca,gov/resources.php under the heading Mosquito Control and Repellent Information.

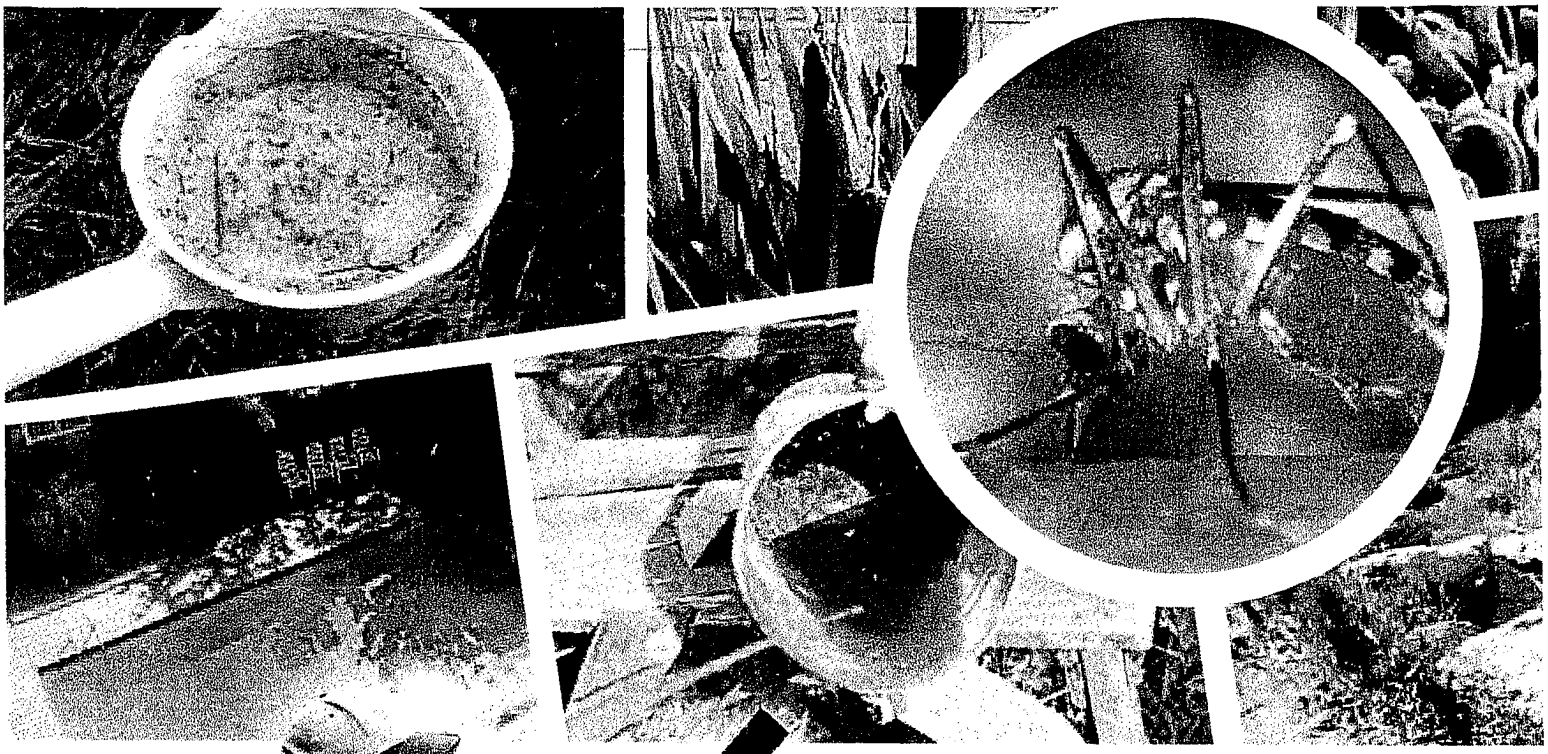
MVCAC NPDES Coalition Monitoring Plan.

West Side Mosquito & VCD
"Waters of the US"



District Boundry

1 Kern River
2 KWB Ground Recharge
3 Buena Vista Lake
4 Kern Flood Channel
5 California Aqueduct



Best Management Practices for Mosquito Control in California

Recommendations of the
California Department of Public Health
and the
Mosquito and Vector Control Association of California

MVC
Association of California

August 2010

CDPH
California Department of Public Health

CALIFORNIA MOSQUITO-BORNE VIRUS SURVEILLANCE & RESPONSE PLAN

Arnold Schwarzenegger, Governor

California Department of Public Health
Mosquito & Vector Control Association of California
University of California

For further information contact:
Vector-Borne Disease Section
California Department of Public Health
(916) 552-9730
http://westnile.ca.gov

April 2010

STATEMENT

CENTRAL VALLEY RWQCB (5F)
1685 E STREET
FRESNO, CA 93706

WEST SIDE MOSQUITO & VECTOR CONTROL DISTRICT
P.O. BOX 205
TAFT, CA 93268

$ 136.00

DATE	DESCRIPTION	CHARGES	CREDITS	BALANCE
2/24/2011	NPDES PERMIT- NOI FORM FILING FEE			136.00
		MAR - 1 2011		
			TOTAL	$ 136.00

PAY LAST AMOUNT IN BALANCE COLUMN