

**ATTACHMENT E – NOTICE OF INTENT
 WATER QUALITY ORDER 2016-0039-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	<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 Imperial County Public Health Department Vector Control Program			
B. Mailing Address 797 Main Street, Suite B			
C. City El Centro	D. County Imperial	E. State CA	F. Zip Code 92243
G. Contact Person Timothy Hodgkin	H. Email address timothyhodgkin@co.imperial.ca.us	I. Title Vector Control Supervisor	J. Phone 442-265-1888

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: Imperial Irrigation District (IID)
Name of the conveyance system: IID's drainage and irrigation systems

3. Directly to river, lake, creek, stream, bay, ocean, etc.
Name of water body: New River, Alamo River, Sunbeam Lake, Weist Lake, Finney Ramer Lake, Oxbow Lake, Palo Verde Lagoon, Salton Sea, and Colorado River

* 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 Region 7
(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
Kontrol 4-4 - Permethrin, M-Pede Insecticide Miticide Fungicide, Pyronil 525 - Pyrethren,
Kontrol Mosquito Larvicide - Refined Patroleum Distillate, Vectobac - Bacillus Thuringiensis,
Vectolex - Bacillus Sphaericus, BTI - Bacillus Thuringiensis, Altosid - Methoprene

C. Period of Application: Start Date May 17, 2013 End Date expiration of permit

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? _____

Note: A Pesticide Application Plan (PAP) was submitted with NOI for Order #2011-0002 DWQ, NPDES #990004

* 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: Robin Hodgkin, M.P.A.

B. Signature: 

Date: 4/19/14

C. Title: Director, Imperial County Public Health Department

X. FOR STATE WATER BOARD USE ONLY

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

INSTRUCTIONS FOR COMPLETING THE 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**

These instructions are intended to help you, the Discharger, to complete the Notice of Intent (NOI) form for the Statewide General National Pollutant Discharge Elimination System (NPDES) permit. **Please type or print clearly when completing the NOI form.** For any field, if more space is needed, submit a supplemental letter with the NOI.

Send the completed and signed form along with the filing fee and supporting documentation to the State Water Resources Control Board (State Water Board).

Section I – Notice of Intent Status

Indicate whether this request is for the first time coverage under this Order or a change of information for the discharge already covered under this Order. For a change of information or ownership, please supply the eleven-digit Waste Discharge Identification (WDID) number for the discharge.

Section II – Discharger Information

- A. Enter the name of the Discharger.
- B. Enter the street number and street name where correspondence should be sent (P.O. Box is acceptable).
- C. Enter the city that applies to the mailing address given.
- D. Enter the county that applies to the mailing address given.
- E. Enter the state that applies to the mailing address given.
- F. Enter the zip code that applies to the mailing address given.
- G. Enter the name (first and last) of the contact person.
- H. Enter the email address of the contact person.
- I. Enter the contact person's title.
- J. Enter the daytime telephone number of the contact person.

Section III – Billing Address

Enter the information **only** if it is different from Section II above.

- A. Enter the name (first and last) of the person who will be responsible for the billing.
- B. Enter the street number and street name where the billing should be sent (P.O. Box is acceptable).
- C. Enter the city that applies to the billing address.
- D. Enter the county that applies to the billing address.

- E. Enter the state that applies to the billing address.
- F. Enter the zip code that applies to the billing address.
- G. Enter the email address of the person responsible for billing.
- H. Enter the title of the person responsible for billing.
- I. Enter the daytime telephone number of the person responsible for billing.

Section IV – Receiving Water Information

- A. Check all boxes that apply. At least one box must be checked.
 - 1. Check this box if the application area is a canal, ditch, or other constructed conveyance system owned and controlled by the Discharger. Print the name of the conveyance system.
 - 2. Check this box if the application area is a canal, ditch, or other constructed conveyance system owned and controlled by an entity other than the Discharger. Print the name of the owner and the name of the conveyance system..
 - 3. Check this box if the application area is to the river, lake, creek, stream, bay, ocean, etc. Print the name of the water body.
- B. List all Regional Water Board numbers where pesticide application is proposed. Regional Water Board boundaries are defined in section 13200 of the California Water Code. The boundaries can also be found on our website at http://www.waterboards.ca.gov/waterboards_map.shtml. The numbers with corresponding Regional Water Board names are given below:

Regional Water Board Numbers	Regional Water Board Names
1	North Coast
2	San Francisco Bay
3	Central Coast
4	Los Angeles
5	Central Valley (Includes Sacramento, Fresno, Redding Offices)
6	Lahontan (South Lake Tahoe, Victorville offices)
7	Colorado River Basin
8	Santa Ana
9	San Diego

Section V – Pesticide Application Information

- A. Check the appropriate target organism.
- B. List the name and active ingredients of each pesticide to be used.
- C. List the start and end date of proposed pesticide application event.
- D. List the name(s) and type(s) of adjuvants added by the Discharger.

Section VI – Pesticides Application Plan

The Discharger must prepare and complete a Pesticides Application Plan (PAP). The minimum contents of PAP are specified in the permit under item VIII.C of the Order. The Discharger must ensure that its applicator is familiar with the PAP contents before pesticide application.

If a PAP is not complete at the time of application, enter the date by which it will be completed.

Section VII – Notification

Have you notified potentially affected governmental agencies, as required under item VIII.B of the Order?

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

Section VIII – Fee

The amount of fee shall be based on section 2200(b)(6) of title 23, California Code of Regulations. Fee information can be found at <http://www.waterboards.ca.gov/resources/fees/> - npdes. Check the YES box if you have included payment of the fee. Check the NO box if you have not included this payment.

Section IX– Certification

- A. Print the name of the appropriate official. For a municipality, State, federal, or other public agency, this would be a principal executive officer, ranking elected official, or duly authorized representative. The principal executive officer of a federal agency includes the chief executive officer of the agency or the senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency (e.g., Regional Administrator of U.S. EPA).
- B. The person whose name is printed above must sign and date the NOI.
- C. Enter the title of the person signing the NOI.

Endangered Species Act

This Order does not authorize any act that results in the taking of a threatened or endangered species or any act that is now prohibited, or becomes prohibited in the future, under either the California Endangered Species Act (Fish and Game Code sections 2050 et seq.) or the Federal Endangered Species Act (16 U.S.C. sections 1531 et seq.). This Order requires compliance with effluent limitations, receiving water limitations, and other requirements to protect the beneficial uses of waters of the state. The Discharger is responsible for meeting all requirements of the applicable Endangered Species Act.

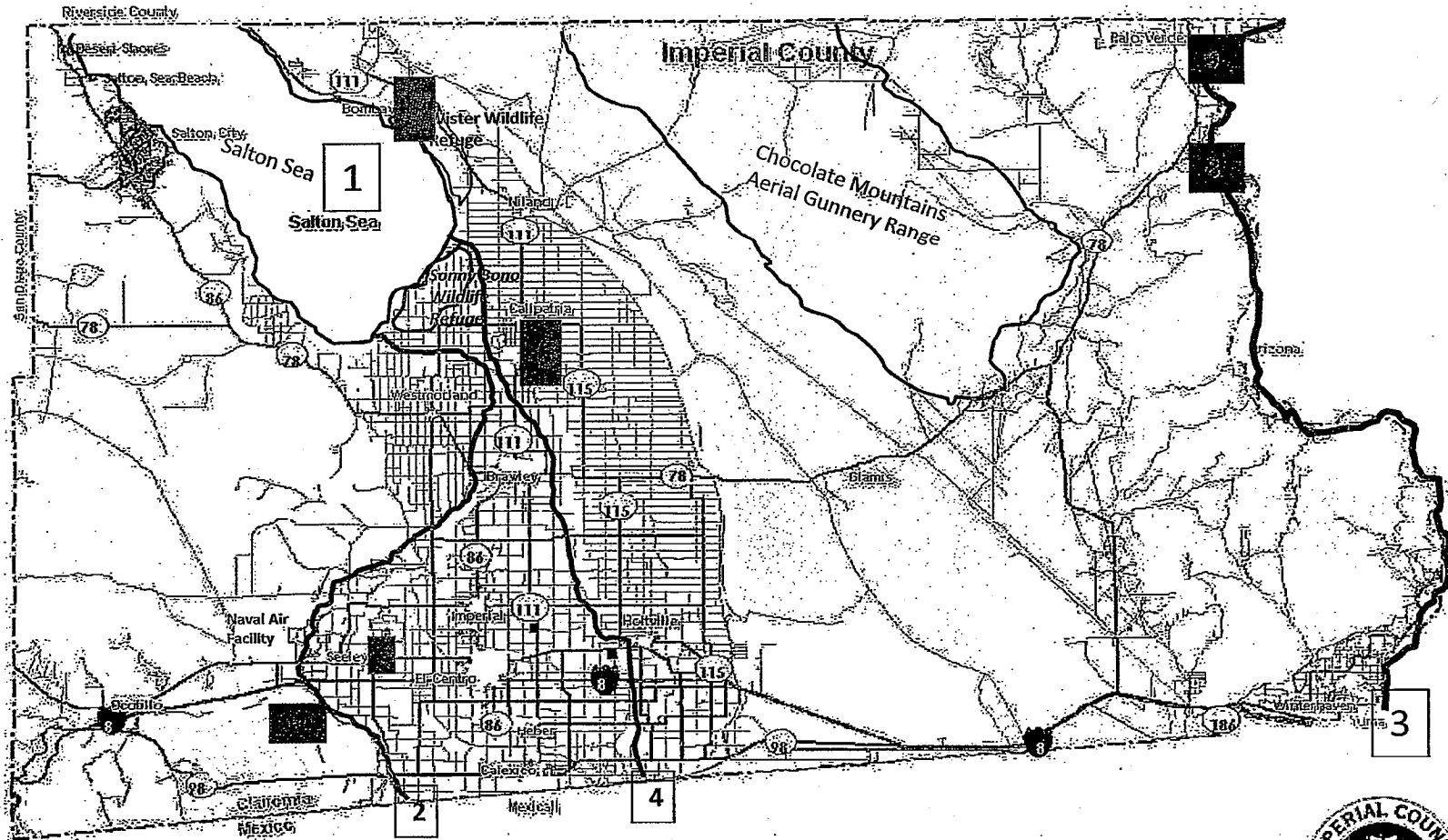
Additional information on federally-listed threatened or endangered species and federally-designated critical habitat is available from the National Marine Fisheries Service (www.nmfs.noaa.gov) for anadromous or marine species or the U.S. Fish and Wildlife Service (www.fws.gov) for terrestrial or freshwater species.

Section 303(d) List

This Order does not authorize the discharge of biological and residual pesticides or their breakdown by-products to waters of the U.S. that are impaired by the same pesticide active ingredient. Impaired waters are those waters not meeting quality standards pursuant to section 303(d) of the CWA. California impaired waters, as approved by the State Water Board, are listed on

http://gispublic.waterboards.ca.gov/webmap/303d_2012/files/2012_USEPA_approv_303d_List_Final_20150807.xlsx

Imperial County Bodies of Water



Imperial County Bodies of Water	
1 – Salton Sea	7- Finney Ramer Lake
2 – New River	8- Oxbow Lake
3 - Colorado River	9- Palo Verde Lagoon
4 – Alamo River	10- Fig Lagoon
5 – Sunbeam Lake	
6 – Weist Lake	





COUNTY OF IMPERIAL

PUBLIC HEALTH DEPARTMENT

RECEIVED

MAR 07 2011

DIVISION OF WATER QUALITY

ROBIN HODGKIN, M.P.A.
Director

STEPHEN W. MUNDAY, M.D., M.P.H., M.S.
Health Officer

NOTICE TO POTENTIALLY INTERESTED AGENCIES

Imperial County Board of Supervisor
City of El Centro
City of Brawley
City of Calexico
City of Calipatria
City of Holtville
City of Imperial
City of Westmorland
Imperial County Agricultural Commissioner
Imperial County Registrar-Recorder/ County Clerk
Department of Pesticide Regulations
Regional Water Control Board Region 7
California Department of Fish & Game
Caltrans District

Subject: Imperial County Public Health Department Notice of Intent to continue to apply Aquatic Larvicides and Adulticides for Vector Control as part of County's Vector Management Program.

Pursuant to the provisions stated in the National Pollutant Discharge Elimination System (NPDES) Permit (Order No. 2011-*****-DWQ) [General Permit No. CAG*****] adopted on March 1, 2011, by the State Water Resources Control Board, notice is hereby given that the Imperial County Public Health Department's intends to continue to perform larvicide, ultra low volume (ULV) adulticide, as well as barrier adulticide applications as part of its Vector Management Program.

The County's activities are conducted year-round within a 4,597 square mile area contained within the County of Imperial. The areas that will be actually or potentially impacted by District activities include the following: The incorporated cities of City of El Centro, City of Brawley,

City of Calexico, City of Calipatria, City of Holtville, City of Imperial, City of Westmorland as well as certain unincorporated areas of Imperial County.

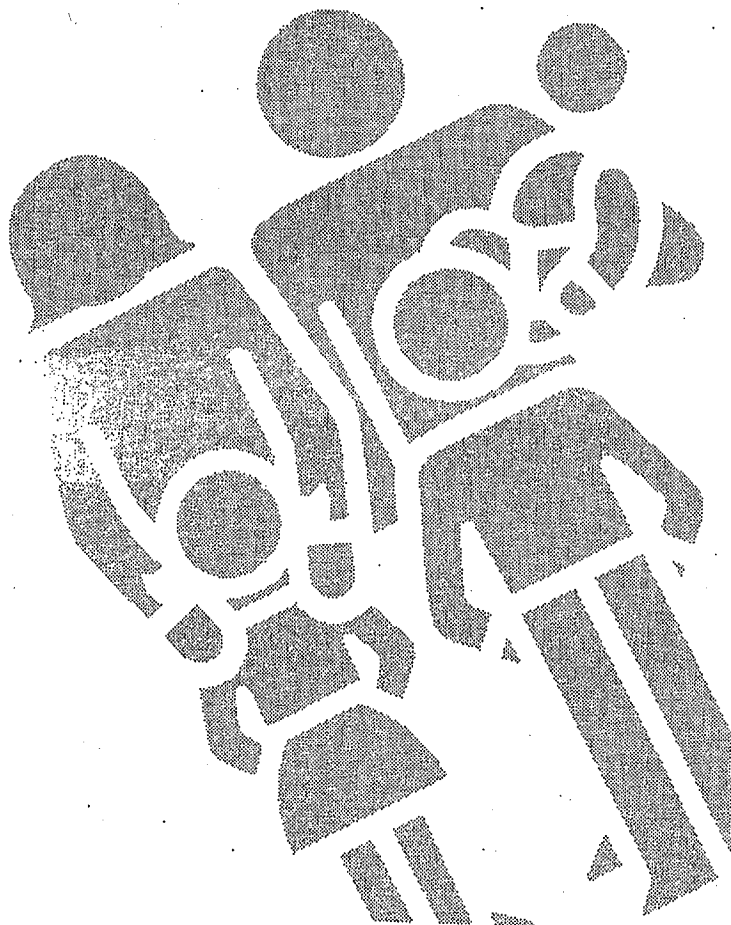
Applications are made in an effort to protect the public's health from vector-borne diseases, are based on key vector and arbovirus surveillance indicators and in strict compliance with pesticide label requirements. The following materials may be used:

<u>Trade Name</u>	<u>Active Ingredient</u>
Larvicides:	
BVA-2	Highly refined petroleum distillate
GB 1111 (Golden Bear)	Aliphatic petroleum hydrocarbons
Altosid 30 (Briquets)	(S)-Methoprene
Vectobac G (Granule)	<i>Bacillus thuringiensis</i> , subsp. <i>Israelensis</i>
Vectolex	Bacillus Sphaericus
Adulticides:	
Kontrol 4-4	Permethrin
Pyronil 525	Pyrethrum

If you have any questions regarding this Notice of Intent, please contact me at (760)336-8530.

Sincerely,

Robin, Hodgkin, M.P.A.



RECEIVED
MAR 07 2011
DIVISION OF WATER QUALITY

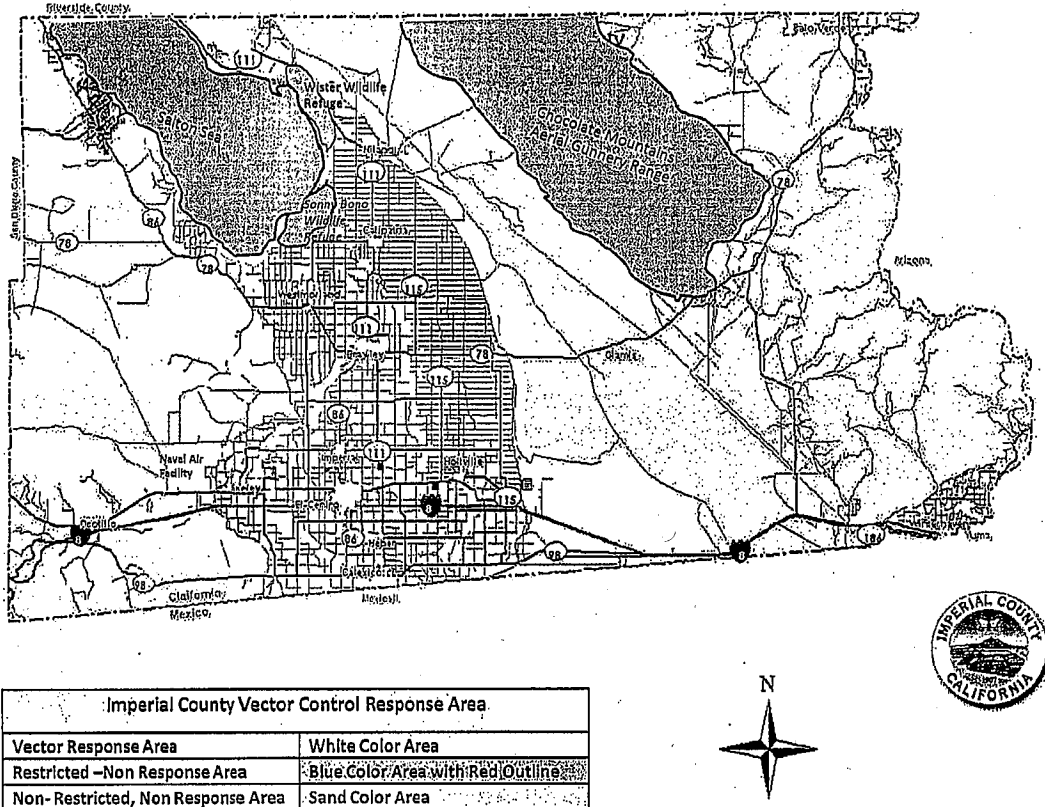
Imperial County Public Health Department

Pesticide Application Plan

Pesticides Application Plan (PAP) Elements:

- a. **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;**

Imperial County Vector Control Response Area



Imperial County extends over 4,597 square miles, bordering on Mexico to the south, Riverside County to the north, San Diego County on the west, and the State of Arizona on the east. Imperial County Public Health Department's Vector Control Program applies larvicides and adulticides in specified regions of the county and or to bodies of water when deemed necessary by key mosquito and arbovirus surveillance indicators.

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

Please see the Best Management Practices for Mosquito Control in California

- c. **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;**

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 Imperial County's preferred solution, and whenever possible the County 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 the County include:

Freshwater marshes:

In Imperial County, some of these marshes (primarily duck clubs or managed wetlands) are drained and re-filled periodically to enhance the primary productivity of the habitat, and under certain circumstances, this can result in large populations of mosquitoes.

Salt marshes:

In the Imperial Valley extensive marshes along the Salton Sea can produce enormous mosquito breeding areas, making human habitation in small communities along the Salton Sea virtually impossible. Natural decrease of the Salton Sea level, greatly reduced the mosquito populations in the area but mosquito populations can still rise to significant numbers during the spring and fall posing a serious public health threat.

Temporary standing water:

There are several species of mosquitoes that can breed in water that stands only 1 to 2 weeks. Such habitats include irrigation tail water as well as standing water in irrigated pastures. Many mosquito species are found in these sources. Pastures and other agricultural lands are enormous mosquito producers, frequently generating huge broods of *Aedes*, *Psorophora*, and *Culex* mosquitoes.

Wastewater treatment facilities/Storm Water Retention Basins:

Aquatic sites in this category include a wide variety of ponds, ditches and other structures designed to handle wastewater of some kind. Included are storm water retention basins, sewage treatment ponds, and wetlands managed for de-nitrification.

Containers:

Containers such as flowerpots, cans, tree holes, fountains and tires are excellent habitats for several species of mosquito. Abandoned or poorly maintained swimming pools also fall into this category. Typically problems with container breeders occur during the wetter parts of the year.

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

With any mosquito or other vector source, the County'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 County would include physical control, biological control, public education, and working with both government and private property owners to find long-term water management strategies that meet their needs while minimizing the need for public health pesticide applications.

Mosquitofish, *Gambusia affinis*, is the most commonly used biological control agent for mosquitoes in the world. Correct use of this fish can provide safe, effective, and persistent suppression of a variety of mosquito species in many types of mosquito sources.

Factors such as water retention time, soil type, mosquito species, and various agricultural practices limit the usefulness of this opportunistic predator for wide scale use as a biological control agent in the Imperial Valley.

The use of enforcement through the issuance of administrative and criminal citations is another effective alternative the County will utilize in order to achieve compliance.

f. Approximately how much product is anticipated and how this amount was determined;

Note – Estimates based on usage during the 2010 calendar year.

Product	Estimated Annual Usage Calendar Year	Unit of Measure
Larvicides		
Larvicide BVA 2	204	gals
Larvicide WITCO GB 1111	53	gals
Larvicide Vectolex	2	lbs
Larvicide VLB Duplex 2:1	30	lbs
Larvicide Vectobac 12 AS	30	lbs
Adulticides		
Adulticide Pyronil 525	3	gals
Masterline Kontrol 4-4	54	gals

g. Representative monitoring locations* and the justification for selecting these locations;

Please see the MVCAC NPDES Coalition Monitoring Plan

h. 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

Please see the Best Management Practices for Mosquito Control in California

i. Description of the BMPs to be implemented

minimum:

a. Measures to prevent pesticide spills;

- County staff monitors application equipment on a daily basis to ensure it remains in proper working order.
- Spill mitigation kits are placed in all spray vehicles and pesticide storage areas to respond to spills.
- Pesticides are kept in secure locations both on County grounds and while in County vehicles. Only state certified staff handle vector control products.
- Employees are trained on spill prevention and response annually.

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

- Spray equipment is calibrated twice each year and is a part of the MOU with California Department of Public Health.
- County recommended rates (within the range of specified label rates) for all vector control products have been determined thru years of applied studies to ensure the proper rates are utilized in each various mosquito breeding habitats found in the Imperial Valley.
- Each Technician utilizes scales and graduated cylinders to measure control products on a daily basis.
- Products are checked out to certified Vector Control Technicians on a daily basis to help ensure accuracy of reporting and limit amount of product on a daily basis.

c. A plan to educate Coalition's or Discharger's staff and pesticide applicator on any potential adverse effects from the pesticides application.

- County applicators (State Cert. Public Health Vector Control Technicians) are required to complete in-house pesticide training yearly and take State certified CEU to maintain their state certification.

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

- County staff calibrates truck and hand larviciding equipment each year to meet application specifications.
- Supervisor reviews pesticide application records daily to ensure appropriate amounts of material are being used.
- ULV equipment is calibrated annually for output and droplet size to meet label requirements.
- Aerial larvaciding equipment would be calibrated by the Contractor.
- Aerial adulticide equipment would be calibrated prior to use and droplet size will be monitored by the County to ensure droplets meet label requirements.

If airplanes were used in urban ULV applications and the primary airplane used for rural ULV spraying would be equipped with advanced guidance and drift management equipment to ensure the best available technology is being used to place product in the intended spray area. If a secondary airplane is used in rural ULV applications it will be equipped with an advanced guidance system.

e. Descriptions of specific BMPs for each type of environmental setting (agricultural, urban, and wetlands)

- *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 (BMPs)

The Discharger shall develop BMPs that contain the following elements:

The County's BMPs are described in the Best Management Practices for Mosquito Control in California and the California Mosquito-borne Virus Surveillance and Response Plan.

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 do the following for each vector management area:

a. Establish densities for larval and adult vector populations to serve as action threshold(s) for implementing pest management strategies

Only those mosquito sources that County 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 County'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 County's preferred solution, and whenever possible the County 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 County's uses. The County continually collects adult and larval mosquito surveillance data, dead bird reports, and sentinel chicken test results and uses them to guide mosquito control activities. The County routinely collects adult mosquitoes using gravid and EVS traps. Samples are submitted to a dedicated Vector Disease and Diagnostic Laboratory which tests them for mosquito-borne viruses such as WNV, SLE and WEE. Test results are used to focus mosquito control efforts and to minimize pesticide applications as part of a BMP plan.

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 County'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 County, 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.

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 by 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.