



# County of San Diego

JACK MILLER  
DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
COMMUNITY HEALTH DIVISION  
VECTOR CONTROL PROGRAM  
5570 OVERLAND AVENUE, SUITE 102, SAN DIEGO, CA 92123  
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ELIZABETH POZZEBON  
ASSISTANT DIRECTOR

February 27, 2013

State Water Resource Control Board  
Attn: Phil Isorena  
P.O. Box 100  
Sacramento, CA 94812-0100  
PIsorena@waterboards.ca.gov

Re: Annual Report – 2012, General Permit No. CAG 990004, Enrollee No. 937AP00009

Dear Mr. Isorena,

The County of San Diego Department of Environmental Health Vector Control Program is pleased to provide via email our 2012 Annual Report for General Permit No. CAG 990004. The Annual Report presents the pesticide application log for applications to Waters of the United States in 2012. While the County of San Diego includes portions of both State Water Quality Control Regions 7 and 9, no applications were made in Region 7 in 2012. Visual observations consisting of pre-event, event, and post-event at 38 sites are included with the Annual Report.

Based on monitoring results described in the Annual Report and in the Mosquito and Vector Control Association of California National Pollutant Discharge Elimination System Coalition Annual Report, cost considerations during a period of increasing West Nile virus activity in California, and the need for an aggressive surveillance, prevention and integrated pest management program, the San Diego County Vector Control Program recommends elimination of the Monitoring and Reporting Program from the Vector Control Permit.

If you have questions regarding the report or require additional information, please call Linda Hollingsworth, Program Manager, at (858) 694-2603. She can also be contacted by email at Linda.Hollingsworth@sdcounty.ca.gov.

Sincerely,

REBECCA LAFRENIERE, Chief  
Department of Environmental Health  
Community Health Division

Enclosure: Annual Report – 2012, General Permit No. CAG 990004, Enrollee No. 937AP00009

Cc: Gil Vasquez, State Water Resource Control Board, [GVasquez@waterboards.ca.gov](mailto:GVasquez@waterboards.ca.gov)  
Ben Neill, Region 9, San Diego Regional Water Quality Control Board,  
[BNeill@waterboards.ca.gov](mailto:BNeill@waterboards.ca.gov)  
John Carmona, Region 7, Colorado River Basin Regional Water Quality Control Board,  
[JCarmona@waterboards.ca.gov](mailto:JCarmona@waterboards.ca.gov)  
MVCAC Headquarters, [casmith@mvcac.org](mailto:casmith@mvcac.org)

# **ANNUAL REPORT**

## **GENERAL PERMIT FOR 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**

**WATER QUALITY ORDER NO. 2011-0002-DWQ  
GENERAL PERMIT NO. CAG 990004  
ENROLLEE NO. 937AP00009**

**Reporting Period  
January 1 to December 31, 2012**



**County Of San Diego  
Department of Environmental Health  
Vector Control Program  
5570 Overland Ave. Suite 102  
San Diego, California 92123  
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[JCarmona@waterboards.ca.gov](mailto:JCarmona@waterboards.ca.gov)  
MVCAC Headquarters, [casmith@mvcac.org](mailto:casmith@mvcac.org)



1. **Annual Report**

a. Executive Summary

San Diego County Vector Control Program (VCP) complied with the applicable components of the General NPDES Permit for Biological and Residual Pesticide Discharges from Vector Control Applications (General Permit).

No pesticides were applied during this period that contained any of the active ingredients included in the receiving water monitoring triggers (Table 4 of the General Permit). No adulticide applications were made during this period. Visual monitoring was performed at >10% of the application areas. The VCP continued to follow the guidelines of its Pesticide Application Plan (PAP). The PAP covers all of San Diego County including both Region 7 and Region 9.

The visual monitoring completed showed no observable change in water quality between pre-event, event, and post-event. The monitoring log spreadsheet is attached as Attachment 1. The State Water Resources Control Board (SWRCB) notified the permit holders in a letter to Mosquito and Vector Control Association of California (MVCAC) dated July 13, 2012 that because the visual monitoring requirements were “interfering with the need for maximum efficient application to protect human health from vector-borne disease like West Nile virus, that the visual observations were no longer required was no longer required by individual districts or county programs.” A copy of the letter is included as Attachment 2.

The San Diego County VCP continued with visual monitoring after July 13<sup>th</sup> where reasonable.

b. Summary of Monitoring Data

Based on visual monitoring completed by VCP, there is no observable change in water quality between the background and event time periods. The MVCAC Coalition annual report was submitted on February 22, 2013. The Coalition report included the summary of all physical and chemical monitoring to date as highlighted in the General Permit.

The VCP began the year complying with the visual monitoring requirements of the permit. See Footnote 1 of Tables C-1 and C-2 in Amended Water Quality Control Order No 2011-0002-DWQ, General Permit No. CAG 990004. These requirements required a tremendous amount of time to monitor including a number of revisits to gather the necessary information. Most critically the revisits caused delay in getting to new sites. Given the short lifecycle of the mosquito, this greatly exacerbated the task of looking for and treating mosquito breeding areas early in their life cycle where the treatment is more effective.

Recognizing the need to quickly find and treat breeding sites to prevent the spread disease, including West Nile virus, the SWRCB issued a letter July 13, 2012 that indicated that the visual requirement would not be required of Coalition members. The VCP continued with its Visual Observations where feasible after July 13, 2012. While full data for the background, event, and post-event was collected for the visual monitoring application areas, full data was not collected for each application within a visual observation application area during periods of high need for treatment of other mosquito application areas. The technicians' efforts were directed to treating application areas that posed an increased risk to public health.

c. BMP Identification

Best Management Practices (BMP) utilized by the VCP are outlined in the PAP. These include:

- Distributing mosquito fish to control mosquito breeding in contained bodies of water such as backyard swimming pools, ponds and fountains.
- Managing a Vector Control Habitat Remediation Program. This innovative program provided grant funds for 12 long-term solutions for reducing chronic mosquito breeding sources.
- Performing aerial larvicide applications every three to four weeks during the peak mosquito season from April through October. Larvicide is applied via helicopter to confirmed mosquito breeding sources that are adjacent to human populations and where land-based control methods are not possible or practical.
- Conducting extensive public outreach to educate residents about the risks of mosquito-borne diseases and preventive measures they can take to protect themselves and their communities.

d. Violation Discussion

No violations of the General Permit as described in Section C.4.a of the General Permit were identified.

e. Map of Applications

Attachment 3 includes a map showing the pesticide application areas to Waters of the United States for 2012.



f. Log of Applications made to Waters of the U.S.

Attachment 4 includes reports of pesticide applications made to the Waters of the United States.

g. General Information on Applications

Attachment 3 includes dosage, concentration, and quantity used which were based on pesticide labels.

h. Visual Monitoring Data

Visual Monitoring Data has been included in the visual monitoring observation log in Attachment 1 in the database format required by the SWRCB. Individual monitoring logs were not used since VCP's data collection system populated the database.

i. BMP, PAP, Monitoring Program Recommendations

To be provided by the MVCAC NPDES Coalition.

j. Pesticide Application Log made to Waters of the U.S.

The pesticide application log is contained in Attachment 4.

2. **Updated PAP Components**

The list of larvicides in the VCP PAP has been updated to include MetaLarv S-PT, a larvicide the VCP is considering using in 2013. MetaLarv S-PT is already included in the MVCAC NPDES Coalition Pesticide Application Plan. Addendum 2 to the PAP is included as Attachment 5.

3. **Self Monitoring Reports**

N/A


4. **Monitoring Reports**

N/A

5. **Certification**

I certify under penalty of law that this document and all enclosures were prepared under my direction or 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 and imprisonment for knowing violations.

Signature:  Date: 2/27/13  
Rebecca Lafreniere, Chief  
County of San Diego  
Department of Environmental Health  
Community Health Division

Attachments:

- Attachment 1: San Diego County Vector Control Program Visual Monitoring Observations 2012
- Attachment 2: Letter from SWRCB dated July 13, 2012
- Attachment 3: San Diego County Vector Control Program Pesticide Application Map 2012
- Attachment 4: San Diego County Vector Control Program Pesticide Application Log 2012
- Attachment 5: Addendum 2, San Diego County, Department of Environmental Health, Vector Control Pesticide Application Plan, February 27, 2013

**Attachment 1**

**San Diego County Vector Control Program  
Visual Monitoring Observations  
2012**



**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
3/7/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	3/7/2012	2:34 PM	R.Salamat
3/7/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	3/7/2012	2:43 PM	R.Salamat
3/7/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	3/29/2012	2:58 PM	R.Salamat
3/7/2012	R.Salamat	1321	San Luis Rey River	Wetland	River	Larvicide	VectoMax	Background	3/7/2012	2:57 PM	R.Salamat
3/7/2012	R.Salamat	1321	San Luis Rey River	Wetland	River	Larvicide	VectoMax	Event	3/7/2012	3:00 PM	R.Salamat
3/7/2012	R.Salamat	1321	San Luis Rey River	Wetland	River	Larvicide	VectoMax	Post-Event	4/2/2012	2:37 PM	R.Salamat
3/8/2012	D.Valdez	2063	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	3/8/2012	5:21 PM	D.Valdez
3/8/2012	D.Valdez	2063	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	3/8/2012	5:23 PM	D.Valdez
3/8/2012	M.Christian	2063	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	4/3/2012	10:39 AM	M.Christian
3/13/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax/VectoMax WSP	Background	3/13/2012	2:18 PM	M.Christian
3/13/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax/VectoMax WSP	Event	3/13/2012	2:52 PM	M.Christian
3/13/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax/VectoMax WSP	Post-Event	4/10/2012	2:49 PM	M.Christian
3/14/2012	M.Johnson	1824	Unnamed	Urban	Drainage	Larvicide	GB1111	Post-Event	3/22/2012	12:10 PM	M.Johnson
3/14/2012	M.Johnson	1824	Unnamed	Urban	Drainage	Larvicide	GB1111	Background	3/14/2012	12:52 PM	M.Johnson
3/14/2012	M.Johnson	1824	Unnamed	Urban	Drainage	Larvicide	GB1111	Event	3/14/2012	12:57 PM	M.Johnson
3/15/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	GB1111/VectoMax WSP	Background	3/15/2012	4:51 PM	D.Valdez
3/15/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	GB1111/VectoMax WSP	Event	3/15/2012	4:54 PM	D.Valdez
3/15/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	GB1111/VectoMax WSP	Post-Event	3/22/2012	4:07 PM	D.Valdez
3/22/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	3/22/2012	4:09 AM	D.Valdez
3/22/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	3/22/2012	4:12 AM	D.Valdez
3/22/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	4/13/2012	3:54 AM	D.Valdez
3/28/2012	D.Valdez	1470	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	3/28/2012	1:55 PM	D.Valdez
3/28/2012	D.Valdez	1470	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	3/28/2012	1:57 PM	D.Valdez
3/28/2012	D.Valdez	1470	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	4/18/2012	11:48 AM	D.Valdez
4/10/2012	S.Eisele	1264	Unnamed	Urban	Ditch	Larvicide	Aquabac	Background	4/10/2012	4:27 PM	S.Eisele
4/10/2012	S.Eisele	1264	Unnamed	Urban	Ditch	Larvicide	Aquabac	Post-Event	5/2/2012	11:19 AM	S.Eisele
4/10/2012	S.Eisele	1264	Unnamed	Urban	Ditch	Larvicide	Aquabac	Event	4/10/2012	4:30 PM	S.Eisele
4/10/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	4/10/2012	5:05 PM	M.Christian
4/10/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	4/10/2012	5:13 PM	M.Christian
4/10/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	5/4/2012	4:29 PM	M.Christian
4/18/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	5/18/2012	4:25 PM	M.Johnson
4/18/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	4/18/2012	4:50 PM	M.Johnson
4/18/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	4/18/2012	5:01 PM	M.Johnson
4/19/2012	R.Salamat	89	Unnamed	Wetland	Pond	Larvicide	VectoMax	Background	4/19/2012	2:59 PM	R.Salamat
4/19/2012	R.Salamat	89	Unnamed	Wetland	Pond	Larvicide	VectoMax	Event	4/19/2012	3:02 PM	R.Salamat
4/19/2012	R.Salamat	89	Unnamed	Wetland	Pond	Larvicide	VectoMax	Post-Event	5/14/2012	2:08 PM	R.Salamat
4/25/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Background	4/25/2012	12:17 PM	M.Condon
4/25/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Event	4/25/2012	12:20 PM	M.Condon
4/25/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Post-Event	5/16/2012	12:42 PM	M.Condon
4/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	4/25/2012	2:28 PM	R.Salamat
4/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	4/25/2012	2:43 PM	R.Salamat
4/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	5/16/2012	2:04 PM	R.Salamat
5/2/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	5/2/2012	11:55 AM	R.Salamat
5/2/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	5/2/2012	12:14 PM	R.Salamat
5/2/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	5/22/2012	11:33 AM	R.Salamat

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
3/7/2012	R.Salamat	409	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Flecks	No	No
3/7/2012	R.Salamat	409	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Flecks	No	No
3/7/2012	R.Salamat	409	Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	No	Gloss	No	No
3/7/2012	R.Salamat	1321	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Sheen	No	No
3/7/2012	R.Salamat	1321	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Sheen	No	No
3/7/2012	R.Salamat	1321	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	No	Sheen	Yes	No
3/8/2012	D.Valdez	2063	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
3/8/2012	D.Valdez	2063	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
3/8/2012	M.Christian	2063	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	Yes	Gloss	Yes	No
3/13/2012	M.Christian	330	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	Yes	No
3/13/2012	M.Christian	330	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	Yes	No
3/13/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	Yes	Gloss	Yes	No
3/14/2012	M.Johnson	1824	Clear/sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	No	Films	No	No
3/14/2012	M.Johnson	1824	Clear/sun	No	Calm	Cool	Clear	Clear	Yes	No	No	Films	No	No
3/14/2012	M.Johnson	1824	Clear/sun	No	Calm	Cool	Clear	Clear	Yes	No	No	Films	No	No
3/15/2012	D.Valdez	91	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Cloudy	No	No	No	No	No	No
3/15/2012	D.Valdez	91	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Cloudy	No	No	No	No	No	No
3/15/2012	D.Valdez	91	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Cloudy	No	No	No	No	No	No
3/22/2012	D.Valdez	91	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	No	No
3/22/2012	D.Valdez	91	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	No	No
3/22/2012	D.Valdez	91	Rain	Yes	Gusty	Cool	Brown	Clear	No	No	No	No	No	No
3/28/2012	D.Valdez	1470	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
3/28/2012	D.Valdez	1470	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
3/28/2012	D.Valdez	1470	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Cloudy	No	No	No	No	No	No
4/10/2012	S.Eisele	1264	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	Yes	Slick	No	No
4/10/2012	S.Eisele	1264	Cloudy	No	Calm	Cool	Brown	Cloudy	No	No	Yes	Films	No	No
4/10/2012	S.Eisele	1264	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	Yes	Slick	No	No
4/10/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	Yes	Gloss	Yes	No
4/10/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	Yes	Gloss	Yes	No
4/10/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
4/18/2012	M.Johnson	318	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	No	No	Films	Yes	No
4/18/2012	M.Johnson	318	Clear/Sun	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	Yes	No	No	No
4/18/2012	M.Johnson	318	Clear/Sun	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	Yes	No	No	No
4/19/2012	R.Salamat	89	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No
4/19/2012	R.Salamat	89	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No
4/19/2012	R.Salamat	89	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	No	Coatings	No	No
4/25/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	Coatings	Yes	No
4/25/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	Coatings	Yes	No
4/25/2012	M.Condon	376	Clear/Sun	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	Yes	No
4/25/2012	R.Salamat	409	Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	No	No
4/25/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	No	No
4/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	Yes	No
5/2/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/2/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/2/2012	R.Salamat	1896	Clear/Sun	No	Light Breezy	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
5/2/2012	D.Valdez	589	Unnamed	Urban	Drainage Channel	Larvicide	Altosid Pellets	Background	5/2/2012	1:41 PM	D.Valdez
5/2/2012	D.Valdez	589	Unnamed	Urban	Drainage Channel	Larvicide	Altosid Pellets	Event	5/2/2012	1:47 PM	D.Valdez
5/2/2012	D.Valdez	589	Unnamed	Urban	Drainage Channel	Larvicide	Altosid Pellets	Post-Event	5/24/2012	12:14 PM	D.Valdez
5/4/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	5/4/2012	5:11 PM	M.Christian
5/4/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	5/4/2012	4:32 PM	M.Christian
5/4/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	6/1/2012	4:35 PM	M.Christian
5/14/2012	N.Munoz	1305	Alvarado Canyon Creek	Urban	Ditch	Larvicide	GB1111/VectoMax	Background	5/14/2012	2:51 PM	N.Munoz
5/14/2012	N.Munoz	1305	Alvarado Canyon Creek	Urban	Ditch	Larvicide	GB1111/VectoMax	Event	5/14/2012	2:56 PM	N.Munoz
5/14/2012	N.Munoz	1305	Alvarado Canyon Creek	Urban	Ditch	Larvicide	GB1111/VectoMax	Post-Event	5/24/2012	10:03 AM	N.Munoz
5/16/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Background	5/16/2012	11:26 AM	M.Johnson
5/16/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Event	5/16/2012	11:31 AM	M.Johnson
5/16/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Post-Event	6/19/2012	5:15 PM	M.Johnson
5/16/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	5/16/2012	2:17 PM	R.Salamat
5/16/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	5/16/2012	2:21 PM	R.Salamat
5/16/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	6/11/2012	3:38 PM	R.Salamat
5/21/2012	E.Mcowen	449	Los Penasquitos Lagoon	Wetland	Lagoon	Larvicide	Vectolex WSP	Background	5/21/2012	2:49 PM	E.Mcowen
5/21/2012	E.Mcowen	449	Los Penasquitos Lagoon	Wetland	Lagoon	Larvicide	Vectolex WSP	Event	5/21/2012	2:52 PM	E.Mcowen
5/21/2012	E.Mcowen	449	Los Penasquitos Lagoon	Wetland	Lagoon	Larvicide	Vectolex WSP	Post-Event	6/13/2012	12:57 PM	E.Mcowen
5/22/2012	J.Morales	1144	Unnamed	Urban	Street Drain Outlet	Larvicide	GB1111/Altosid XR-30	Background	5/22/2012	9:21 AM	J.Morales
5/22/2012	J.Morales	1144	Unnamed	Urban	Street Drain Outlet	Larvicide	GB1111/Altosid XR-30	Event	5/22/2012	9:25 AM	J.Morales
5/22/2012	J.Morales	1144	Unnamed	Urban	Street Drain Outlet	Larvicide	GB1111/Altosid XR-30	Post-Event	5/29/2012	4:15 PM	J.Morales
5/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	5/22/2012	11:11 AM	D.Valdez
5/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	5/22/2012	11:13 AM	D.Valdez
5/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	6/13/2012	10:57 AM	D.Valdez
5/22/2012	J.Morales	896	Unnamed	Urban	Street Drain	Larvicide	GB1111/Altosid XR-30	Background	5/22/2012	11:30 AM	J.Morales
5/22/2012	J.Morales	896	Unnamed	Urban	Street Drain	Larvicide	GB1111/Altosid XR-30	Event	5/22/2012	11:32 AM	J.Morales
5/22/2012	J.Morales	896	Unnamed	Urban	Street Drain	Larvicide	GB1111/Altosid XR-30	Post-Event	5/29/2012	4:57 PM	J.Morales
5/22/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	5/22/2012	11:36 AM	R.Salamat
5/22/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	5/22/2012	11:54 AM	R.Salamat
5/22/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	6/18/2012	1:08 PM	R.Salamat
5/29/2012	J.Morales	160	Unnamed	Urban	Creek	Larvicide	VectoMax	Background	5/29/2012	11:25 AM	J.Morales
5/29/2012	J.Morales	160	Unnamed	Urban	Creek	Larvicide	VectoMax	Event	5/29/2012	11:30 AM	J.Morales
5/29/2012	J.Morales	160	Unnamed	Urban	Creek	Larvicide	VectoMax	Post-Event	6/6/2012	9:42 AM	J.Morales
6/1/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	6/1/2012	4:35 PM	M.Christian
6/1/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	6/1/2012	5:13 PM	M.Christian
6/1/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	6/28/2012	4:39 PM	M.Christian
6/8/2012	M.Johnson	1344	Escondido Creek	Urban	Drainage	Larvicide	Altosid XR-30	Background	6/8/2012	4:57 PM	M.Johnson
6/8/2012	M.Johnson	1344	Escondido Creek	Urban	Drainage	Larvicide	Altosid XR-30	Event	6/8/2012	4:59 PM	M.Johnson
6/12/2012	M.Johnson	1344	Escondido Creek	Urban	Drainage	Larvicide	Altosid XR-30	Post-Event	6/12/2012	6:57 AM	M.Johnson
6/8/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	6/8/2012	5:22 PM	M.Christian
6/8/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	6/8/2012	5:24 PM	M.Christian
6/8/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	6/29/2012	4:17 PM	M.Christian
6/11/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	6/11/2012	4:22 PM	R.Salamat
6/11/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	6/11/2012	4:25 PM	R.Salamat
6/11/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	7/3/2012	12:11 PM	R.Salamat

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
5/2/2012	D.Valdez	589	Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
5/2/2012	D.Valdez	589	Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
5/2/2012	D.Valdez	589	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	No	No	No
5/4/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/4/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/4/2012	M.Christian	330	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/14/2012	N.Munoz	1305	Clear/Sun	No	Calm	Hot	Green	Cloudy	Yes	No	No	Films	Yes	No
5/14/2012	N.Munoz	1305	Clear/Sun	No	Light Breezy	Hot	Green	Cloudy	Yes	No	No	Films	Yes	No
5/14/2012	N.Munoz	1305	Partly Cloudy	No	Calm	Hot	Green	Cloudy	Yes	Yes	No	Films	Yes	No
5/16/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Films	No	No
5/16/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Films	No	No
5/16/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	Sheen	No	No
5/16/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	Yes	No
5/16/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	Yes	No
5/16/2012	R.Salamat	409	Partly Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/21/2012	E.Mcownen	449	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	Yes	No	No	Films	Yes	No
5/21/2012	E.Mcownen	449	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	Yes	No	No	Films	Yes	No
5/21/2012	E.Mcownen	449	Partly Cloudy	No	Light Breezy	Warm/Mild	Brown	Murky	No	Yes	No	No	Yes	No
5/22/2012	J.Morales	1144	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	Yes	Films	No	No
5/22/2012	J.Morales	1144	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	Yes	Films	No	No
5/22/2012	J.Morales	1144	Clear/sun	No	Light Breezy	Hot		Murky	No	Yes	Yes	Slick	No	No
5/22/2012	D.Valdez	1160	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	No	No	No
5/22/2012	D.Valdez	1160	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	No	No	No
5/22/2012	D.Valdez	1160	Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
5/22/2012	J.Morales	896	Clear/Sun	No	Light Breezy	Warm/Mild		Murky	Yes	Yes	Yes	Films	No	No
5/22/2012	J.Morales	896	Clear/Sun	No	Light Breezy	Warm/Mild		Murky	Yes	Yes	Yes	Sheen	No	No
5/22/2012	J.Morales	896	Clear/Sun	No	Calm	Hot		Murky	Yes	No	Yes	Films	No	No
5/22/2012	R.Salamat	1896	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/22/2012	R.Salamat	1896	Clear/Sun	No	Light Breezy	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/22/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/29/2012	J.Morales	160	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	Yes	Coatings	Yes	No
5/29/2012	J.Morales	160	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	Yes	Coatings	Yes	No
5/29/2012	J.Morales	160	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	Yes	No	Yes	No	Yes	No
6/1/2012	M.Christian	330	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/1/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/1/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/8/2012	M.Johnson	1344	Clear/Sun	No	Calm	Warm/Mild	Green	Clear	Yes	No	No	Films	No	No
6/8/2012	M.Johnson	1344	Clear/Sun	No	Calm	Warm/Mild	Green	Clear	Yes	No	No	Films	No	No
6/12/2012	M.Johnson	1344	Clear/Sun	No	Calm	Warm/Mild	Green	Clear	Yes	No	No	Films	No	No
6/8/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Green	Murky	Yes	No	Yes	Gloss, Coatings	Yes	No
6/8/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	Yes	Gloss, Coatings	Yes	No
6/8/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
6/11/2012	R.Salamat	409	Partly Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/11/2012	R.Salamat	409	Partly Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/11/2012	R.Salamat	409	Cloudy	No	Calm	Cool		Murky	Yes	Yes	Yes	Coatings	No	No



**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
6/14/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax WSP	Background	6/14/2012	5:25 PM	D.Valdez
6/14/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax WSP	Event	6/14/2012	5:27 PM	D.Valdez
6/14/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax WSP	Post-Event	7/5/2012	12:37 PM	D.Valdez
6/18/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	6/18/2012	1:11 PM	R.Salamat
6/18/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	6/18/2012	1:14 PM	R.Salamat
6/18/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	7/10/2012	11:59 AM	R.Salamat
6/19/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Pre-Event	6/19/2012	5:15 PM	M.Johnson
6/19/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Event	6/19/2012	5:19 PM	M.Johnson
6/19/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Post-Event	7/20/2012	4:55 PM	M.Johnson
6/22/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	6/22/2012	4:31 PM	M.Johnson
6/22/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	6/22/2012	4:34 PM	M.Johnson
6/22/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	7/19/2012	5:14 PM	M.Johnson
6/22/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	6/22/2012	4:37 PM	M.Johnson
6/22/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	6/22/2012	4:39 PM	M.Johnson
6/22/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	8/17/2012	5:21 PM	M.Johnson
6/28/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	6/28/2012	4:43 PM	M.Christian
6/28/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	6/28/2012	5:10 PM	M.Christian
6/28/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	7/26/2012	4:58 PM	M.Christian
6/29/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	6/29/2012	4:20 PM	M.Christian
6/29/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	6/29/2012	4:22 PM	M.Christian
6/29/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	7/26/2012	5:15 PM	M.Christian
7/3/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	7/3/2012	12:24 PM	R.Salamat
7/3/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	7/3/2012	12:27 PM	R.Salamat
7/3/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	7/25/2012	10:41 AM	R.Salamat
7/5/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	7/5/2012	12:39 PM	D.Valdez
7/5/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	7/5/2012	12:45 PM	D.Valdez
7/5/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	7/31/2012	10:23 AM	D.Valdez
7/10/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	7/10/2012	12:02 PM	R.Salamat
7/10/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	7/10/2012	12:05 PM	R.Salamat
7/10/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	8/7/2012	11:02 AM	R.Salamat
7/19/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	7/19/2012	5:14 PM	M.Johnson
7/19/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	7/19/2012	5:16 PM	M.Johnson
7/19/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	8/17/2012	5:17 PM	M.Johnson
7/20/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Background	7/20/2012	4:55 PM	M.Johnson
7/20/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Event	7/20/2012	4:59 PM	M.Johnson
7/20/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Post-Event	8/16/2012	5:02 PM	M.Johnson
7/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	7/25/2012	10:45 AM	R.Salamat
7/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	7/25/2012	10:48 AM	R.Salamat
7/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	8/15/2012	11:16 AM	R.Salamat
7/25/2012	S.Eisele	113	Unnamed	Urban	Ditch	Larvicide	Altosid Pellets	Background	7/25/2012	4:45 PM	S.Eisele
7/25/2012	S.Eisele	113	Unnamed	Urban	Ditch	Larvicide	Altosid Pellets	Event	7/25/2012	4:53 PM	S.Eisele
7/25/2012	S.Eisele	113	Unnamed	Urban	Ditch	Larvicide	Altosid Pellets	Post-Event	9/21/2012	3:15 PM	S.Eisele
7/26/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	7/26/2012	4:58 PM	M.Christian
7/26/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	7/26/2012	5:03 PM	M.Christian
7/26/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	8/22/2012	5:06 PM	M.Christian

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
6/14/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
6/14/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
6/14/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
6/18/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
6/18/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
6/18/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
6/19/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	Sheen	No	No
6/19/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	Sheen	No	No
6/19/2012	M.Johnson	885	Clear/Sun	No	Calm	Hot	Green	Murky	Yes	No	No	Films	No	No
6/22/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Cloudy	No	No	Yes	Films	No	No
6/22/2012	M.Johnson	318	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	318	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	318	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No
6/28/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/28/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/28/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/29/2012	M.Christian	251	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
6/29/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
6/29/2012	M.Christian	251	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
7/3/2012	R.Salamat	409	Cloudy	No	Calm	Cool		Murky	Yes	Yes	Yes	Coatings	No	No
7/3/2012	R.Salamat	409	Cloudy	No	Calm	Cool		Murky	Yes	Yes	Yes	Coatings	No	No
7/3/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
7/5/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
7/5/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
7/5/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
7/10/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
7/10/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
7/10/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
7/19/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Cloudy	No	No	Yes	Films	No	No
7/19/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Cloudy	No	No	Yes	Films	No	No
7/19/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No
7/20/2012	M.Johnson	885	Clear/Sun	No	Calm	Hot	Green	Murky	Yes	No	No	Films	No	No
7/20/2012	M.Johnson	885	Clear/Sun	No	Calm	Hot	Green	Murky	Yes	No	No	Films	No	No
7/20/2012	M.Johnson	885	Clear/Sun	No	Light Breezy	Hot	Green	Cloudy	No	No	No	Films	No	No
7/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
7/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
7/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
7/25/2012	S.Eisele	113	Clear/Sun	No	Calm	Hot	Brown	Murky	No	No	Yes	Gloss	No	No
7/25/2012	S.Eisele	113	Clear/Sun	No	Calm	Hot	Brown	Murky	No	No	Yes	Gloss	No	No
7/25/2012	S.Eisele	113	Clear/Sun	No	Calm	Hot	Grey		No	No	No	No	No	No
7/26/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
7/26/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
7/26/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
7/26/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	7/26/2012	5:15 PM	M.Christian
7/26/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	7/26/2012	5:19 PM	M.Christian
7/26/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	8/16/2012	4:50 PM	M.Christian
7/31/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	7/31/2012	10:26 AM	D.Valdez
7/31/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	7/31/2012	10:29 AM	D.Valdez
7/31/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	8/22/2012	1:17 PM	D.Valdez
8/7/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	8/7/2012	11:06 AM	R.Salamat
8/7/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	8/7/2012	11:09 AM	R.Salamat
8/7/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	8/28/2012	12:33 PM	R.Salamat
8/13/2012	E.Mcownen	233	Mission Bay	Urban	Street Drain	Larvicide	VectoMax	Background	8/13/2012	4:14 PM	E.Mcownen
8/13/2012	E.Mcownen	233	Mission Bay	Urban	Street Drain	Larvicide	VectoMax	Event	8/13/2012	4:17 PM	E.Mcownen
8/13/2012	E.Mcownen	233	Mission Bay	Urban	Street Drain	Larvicide	VectoMax	Post-Event	10/8/2012	12:44 PM	E.Mcownen
8/15/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	8/15/2012	11:19 AM	R.Salamat
8/15/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	8/15/2012	11:23 AM	R.Salamat
8/15/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/5/2012	10:09 AM	R.Salamat
8/16/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	8/16/2012	4:50 PM	M.Christian
8/16/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	8/16/2012	4:52 PM	M.Christian
8/16/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	9/14/2012	11:16 AM	M.Christian
8/17/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	8/17/2012	5:17 PM	M.Johnson
8/17/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	8/17/2012	5:19 PM	M.Johnson
8/17/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	9/18/2012	4:44 PM	M.Johnson
8/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	8/22/2012	1:18 PM	D.Valdez
8/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	8/22/2012	1:27 PM	D.Valdez
8/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	10/5/2012	11:10 AM	D.Valdez
8/22/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Background	8/22/2012	3:00 PM	M.Condon
8/22/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Event	8/22/2012	3:04 PM	M.Condon
8/22/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/14/2012	2:03 PM	M.Condon
8/28/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	8/28/2012	12:39 PM	R.Salamat
8/28/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	8/28/2012	12:44 PM	R.Salamat
8/28/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/19/2012	10:54 AM	R.Salamat
9/5/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	9/5/2012	10:23 AM	R.Salamat
9/5/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	9/5/2012	10:26 AM	R.Salamat
9/5/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/27/2012	9:04 AM	R.Salamat
9/14/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	9/14/2012	11:16 AM	M.Christian
9/14/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	9/14/2012	11:18 AM	M.Christian
9/14/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	10/15/2012	8:16 AM	M.Christian
9/14/2012	M.Christian	300	San Luis Rey River	Urban	Drainage	Larvicide	VectoMax	Background	9/14/2012	11:22 AM	M.Christian
9/14/2012	M.Christian	300	San Luis Rey River	Urban	Drainage	Larvicide	VectoMax	Event	9/14/2012	11:26 AM	M.Christian
9/14/2012	M.Christian	300	San Luis Rey River	Urban	Drainage	Larvicide	VectoMax	Post-Event	10/15/2012	9:20 AM	M.Christian
9/18/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	9/18/2012	4:44 PM	M.Johnson
9/18/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	9/18/2012	4:46 PM	M.Johnson
9/18/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post Event	10/17/2012	4:59 PM	M.Johnson
9/19/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	9/19/2012	10:57 AM	R.Salamat
9/19/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	9/19/2012	11:00 AM	R.Salamat
9/19/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	10/11/2012	9:29 AM	R.Salamat
9/27/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	9/27/2012	9:09 AM	R.Salamat

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
7/26/2012	M.Christian	251	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
7/26/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
7/26/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
7/31/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
7/31/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
7/31/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
8/7/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
8/7/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
8/7/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
8/13/2012	E.McCowan	233	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	Yes	Yes	No	No	No	No
8/13/2012	E.McCowan	233	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	No	No	No	No	No	No
8/13/2012	E.McCowan	233	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Clear	Yes	No	No	No	Yes	No
8/15/2012	R.Salamat	409	Clear/Sun	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
8/15/2012	R.Salamat	409	Clear/Sun	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
8/15/2012	R.Salamat	409	Partly Cloudy	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
8/16/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
8/16/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
8/16/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
8/17/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No
8/17/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No
8/17/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	No	Sheen	No	No
8/22/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
8/22/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
8/22/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
8/22/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No
8/22/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No
8/22/2012	M.Condon	376	Clear/Sun	No	Gusty	Hot	Clear	Clear	Yes	No	No	Gloss	No	No
8/28/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
8/28/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
8/28/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
9/5/2012	R.Salamat	409	Partly Cloudy	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
9/5/2012	R.Salamat	409	Partly Cloudy	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
9/5/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
9/14/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
9/14/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
9/14/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
9/14/2012	M.Christian	300	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
9/14/2012	M.Christian	300	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
9/14/2012	M.Christian	300	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
9/18/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	No	Sheen	No	No
9/18/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	No	Sheen	No	No
9/18/2012	M.Johnson	317	Cloudy	No		Hot	Brown	Murky	No	No	Yes	Flecks	No	No
9/19/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
9/19/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
9/19/2012	R.Salamat	1896	Partly Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
9/27/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
9/27/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	9/27/2012	9:14 AM	R.Salamat
9/27/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	10/18/2012	10:15 AM	R.Salamat
10/11/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	10/11/2012	10:00 AM	R.Salamat
10/11/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	10/11/2012	10:09 AM	R.Salamat
10/11/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/1/2012	10:00 AM	R.Salamat
10/15/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	10/15/2012	8:16 AM	M.Christian
10/15/2012	M. Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	10/15/2012	8:19 AM	M. Christian
10/15/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	11/27/2012	1:25 PM	S.Simmons
10/17/2012	S.Eisele	1142	Unnamed	Urban	Storm Water Best Management Practice	Larvicide	Vectolex CG	Background	10/17/2012	3:07 PM	S.Eisele
10/17/2012	S.Eisele	1142	Unnamed	Urban	Storm Water Best Management Practice	Larvicide	Vectolex CG	Event	10/17/2012	3:12 PM	S.Eisele
10/17/2012	S.Eisele	1142	Unnamed	Urban	Storm Water Best Management Practice	Larvicide	Vectolex CG	Post-Event	11/6/2012	8:33 AM	S.Eisele
10/18/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	10/18/2012	10:26 AM	R.Salamat
10/18/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	10/18/2012	10:32 AM	R.Salamat
10/18/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/7/2012	12:14 PM	R.Salamat
10/25/2012	S.Simmons	802	Unnamed	Urban	Drainage Ditch	Larvicide	Aquabac	Background	10/25/2012	11:48 AM	S.Simmons
10/25/2012	S.Simmons	802	Unnamed	Urban	Drainage Ditch	Larvicide	Aquabac	Event	10/25/2012	11:51 AM	S.Simmons
10/25/2012	S.Simmons	802	Unnamed	Urban	Drainage Ditch	Larvicide	Aquabac	Post-Event	11/2/2012	3:57 PM	S.Simmons
11/1/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	11/1/2012	10:18 AM	R.Salamat
11/1/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	11/1/2012	10:22 AM	R.Salamat
11/1/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/21/2012	12:28 PM	R.Salamat
11/8/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	11/8/2012	12:24 PM	R.Salamat
11/8/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	11/9/2012	12:28 PM	R.Salamat
11/8/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/29/2012	11:40 PM	R.Salamat
11/16/2012	S.Simmons	330	Lindo Lake	Wetland	Lake	Larvicide	GB1111	Background	11/16/2012	3:05 PM	S.Simmons
11/16/2012	S.Simmons	330	Lindo Lake	Wetland	Lake	Larvicide	GB1111	Event	11/16/2012	3:09 PM	S.Simmons
11/16/2012	S.Simmons	330	Lindo Lake	Wetland	Lake	Larvicide	GB1111	Post-Event	11/20/2012	12:17 PM	S.Simmons
11/21/2012	E.Mcownen	449	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	1:00 PM	E.Mcownen
11/21/2012	E.Mcownen	449	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	1:00 PM	E.Mcownen
11/21/2012	E.Mcownen	449	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	1:15 PM	E.Mcownen
11/21/2012	E.Mcownen	941	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	1:20 PM	E.Mcownen
11/21/2012	E.Mcownen	941	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	1:20 PM	E.Mcownen
11/21/2012	E.Mcownen	941	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	1:35 PM	E.Mcownen
11/21/2012	E.Mcownen	366	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	1:55 PM	E.Mcownen
11/21/2012	E.Mcownen	366	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	1:55 PM	E.Mcownen
11/21/2012	E.Mcownen	366	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	2:20 PM	E.Mcownen
11/21/2012	E.Mcownen	369	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Background	11/21/12	2:30 PM	E.Mcownen
11/21/2012	E.Mcownen	369	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Event	11/21/12	2:30 PM	E.Mcownen
11/21/2012	E.Mcownen	369	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	11/29/12	2:50 PM	E.Mcownen
11/21/2012	E.Mcownen	952	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Background	11/21/12	2:50 PM	E.Mcownen
11/21/2012	E.Mcownen	952	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Event	11/21/12	2:50 PM	E.Mcownen
11/21/2012	E.Mcownen	952	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	11/29/12	3:20 PM	E.Mcownen

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
9/27/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
9/27/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/11/2012	R.Salamat	1896	Partly Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
10/11/2012	R.Salamat	1896	Partly Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
10/11/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Slick	Yes	No
10/15/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
10/15/2012	M. Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
10/15/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
10/17/2012	S.Eisele	1142	Clear/Sun	No	Calm	Hot	Clear	Clear	No	No	Yes	No	No	No
10/17/2012	S.Eisele	1142	Clear/Sun	No	Calm	Hot	Clear	Clear	No	No	Yes	No	No	No
10/17/2012	S.Eisele	1142	Clear/Sun	No	Calm	Hot	Clear	Clear	No	No	Yes	No	No	No
10/18/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/18/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/18/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/25/2012	S.Simmons	802	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	No	Gloss	No	No
10/25/2012	S.Simmons	802	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	No	Gloss	No	No
10/25/2012	S.Simmons	802	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/1/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Slick	Yes	No
11/1/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Slick	Yes	No
11/1/2012	R.Salamat	1896	Clear/Sun	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
11/8/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
11/8/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
11/8/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Cloudy	Yes	Yes	Yes	Gloss	No	No
11/16/2012	S.Simmons	330	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	00:35	Slick	No	No
11/16/2012	S.Simmons	330	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	00:35	Slick	No	No
11/16/2012	S.Simmons	330	Clear/Sun	No	Light Breezy	Cool	Green	Cloudy	Yes	No	00:30	Slick	No	No
11/21/2012	E.Mcownen	449	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.Mcownen	449	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.Mcownen	449	Clouds	No	Light Breezy	53	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.Mcownen	941	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.Mcownen	941	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.Mcownen	941	Clouds	No	Light Breezy	53	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.Mcownen	366	Scattered clouds	No	Breezy	55	Brown	Cloudy	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.Mcownen	366	Scattered clouds	No	Breezy	55	Brown	Cloudy	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.Mcownen	366	Clouds	No	Light Breezy	53	Brown	Cloudy	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.Mcownen	369	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcownen	369	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcownen	369	Clouds	No	Light Breezy	53	Brown	Murky	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcownen	952	Scattered clouds	No	Breezy	53	Brown	Clear	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcownen	952	Scattered clouds	No	Breezy	53	Brown	Clear	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcownen	952	Clouds	No	Breezy	50	Brown	Clear	Yes	Yes	Yes	No	No	Yes

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information						Monitoring Information					
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
11/21/2012	E.Mcowen	233	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	3:30 PM	E.Mcowen
11/21/2012	E.Mcowen	233	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	3:30 PM	E.Mcowen
11/21/2012	E.Mcowen	233	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	3:50 PM	E.Mcowen
11/27/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	Aquabac	Background	11/27/2012	1:25 PM	S.Simmons
11/27/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	Aquabac	Event	11/27/2012	1:27 PM	S.Simmons
11/27/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	Aquabac	Post-Event	11/28/2012	3:21 PM	S.Simmons
11/28/2012	Taylor	1353	Penasquitos Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	12:01 PM	Taylor
11/28/2012	Taylor	1353	Penasquitos Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	12:01 PM	Taylor
11/28/2012	Taylor	1353	Penasquitos Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	12:50 PM	Taylor
11/28/2012	Taylor	2074	Sunwood Trails Streams	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	12:37 PM	Taylor
11/28/2012	Taylor	2074	Sunwood Trails Streams	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	12:37 PM	Taylor
11/28/2012	Taylor	2074	Sunwood Trails Streams	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	1:30 PM	Taylor
11/28/2012	Taylor	2020	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	12:20 PM	Taylor
11/28/2012	Taylor	2020	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	12:20 PM	Taylor
11/28/2012	Taylor	2020	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	1:20 PM	Taylor
11/28/2012	Taylor	477	Los Penasquitos Canyon Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	1:07 PM	Taylor
11/28/2012	Taylor	477	Los Penasquitos Canyon Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	1:07 PM	Taylor
11/28/2012	Taylor	477	Los Penasquitos Canyon Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	1:50 PM	Taylor
11/28/2012	Taylor	2054	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	2:12 PM	Taylor
11/28/2012	Taylor	2054	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	2:12 PM	Taylor
11/28/2012	Taylor	2054	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	2:15 PM	Taylor
11/28/2012	Taylor	1988	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	1:16 PM	Taylor
11/28/2012	Taylor	1988	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	1:16 PM	Taylor
11/28/2012	Taylor	1988	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	2:45 PM	Taylor

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
11/21/2012	E.Mcowen	233	Scattered clouds	No	Breezy	52	Brown	Murky	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.Mcowen	233	Scattered clouds	No	Breezy	52	Brown	Murky	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.Mcowen	233	Clouds	No	Breezy	50	Brown	Murky	Yes	Yes	Yes	Yes	No	Yes
11/27/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/27/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/27/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/28/2012	Taylor	1353	Scattered clouds	No	Breezy	59	Tea stained	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	1353	Scattered clouds	No	Breezy	59	Tea stained	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	1353	Clouds	No	Light Breezy	55	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2074	Scattered clouds	No	Breezy	59	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2074	Scattered clouds	No	Breezy	59	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2074	Clouds	No	Light Breezy	55	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2020	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	Yes	Yes
11/28/2012	Taylor	2020	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	Yes	Yes
11/28/2012	Taylor	2020	Clouds	No	Light Breezy	55	Tea stained	Clear	Yes	Yes	Yes	Yes	Yes	Yes
11/28/2012	Taylor	477	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	No	Yes
11/28/2012	Taylor	477	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	No	Yes
11/28/2012	Taylor	477	Clouds	No	Light Breezy	55	Tea stained	Clear	Yes	Yes	Yes	Yes	No	Yes
11/28/2012	Taylor	2054	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	2054	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	2054	Clouds	No	Breezy	50	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	1988	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	1988	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	1988	Clouds	No	Breezy	50	Clear	Clear	Yes	No	Yes	No	No	Yes



**Attachment 2**

**Letter from State Water Resource Control Board  
dated July 13, 2012**



## State Water Resources Control Board

**JUL 13 2012**

Ms. Catherine Smith  
Executive Director  
Mosquito and Vector Control Association of California  
1215 K Street, Suite 2290  
Sacramento, CA 95814

Dear Ms. Smith:

### **REQUEST TO MODIFY THE VECTOR CONTROL PERMIT MONITORING REQUIREMENTS**

Thank you for your June 27, 2012 letter requesting the Deputy Director of the Division of Water Quality to suspend visual and physical monitoring requirements contained in the Vector Control Permit (Amended Water Quality Order No. 2011-0002-DWQ, General Permit No. CAG990004).

As discussed during yesterday's telephone conversation with staff, we believe that some misunderstanding of the monitoring requirements of the Vector Control Permit may have accounted for the compliance difficulties expressed in your letter. I believe staff's clarification of the monitoring requirements during the telephone conversation provides the relief you are seeking. In a subsequent conversation between the Mosquito and Vector Control Association of California (MVCAC) representative Maureen Gorsen and myself, we agreed that the clarifications provided in this letter address MVCAC's concerns regarding the delays caused by the visual monitoring in getting to potential mosquito habitat sites early. We are cognizant of the vector control districts' primary responsibility of protecting public health through vector control, which we are balancing with our charge of protecting and maintaining water quality. We believe the permit, specifically its monitoring and reporting program, provides sufficient flexibility for us to achieve that balance. The following paragraphs reiterate staff's clarification.

Page C-2 of the permit states that if the discharger chooses to undertake its' monitoring and reporting through a coalition, then the coalition will prepare and implement a monitoring and reporting program and act on behalf of the discharger with respect to monitoring and reporting. Thus, if MVCAC represents the coalition, it would perform ALL of the monitoring requirements for its members. No other monitoring is required of its individual member districts. The only requirement is for each member district to submit an annual report that contains application logs and references the coalition's annual report. Obviously, it is much more cost effective for an individual district to join a coalition.

Footnote 1 to Tables C-1 and C-2 of the permit refers to visual monitoring and states: "All applications at 10% of all application areas or six application areas, whichever is greater, unless inappropriate. If applying to less than six application areas, monitor at all application areas, unless inappropriate." If the requirement to sample 10 percent of all application areas is interfering with the need for maximal efficient application to adequately protect human health from vector-borne diseases like West Nile Virus, we would consider such a requirement inappropriate under this condition, and monitoring may be reduced to six application areas only.

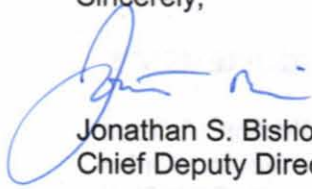
JUL 13 2012

To support this finding, we would ask that information on the incidence of West Nile Virus or other similar threats be provided in the coalition's annual report.

Footnote 5 to Tables C-1 and C-2 of the permit refers to physical monitoring. It states that a coalition or discharger must collect six samples for each active ingredient in each environmental setting (urban, agricultural, or wetland) if applying six or more times a year; collecting 18 samples (three samples per environmental setting) would suffice. It does not require collecting samples at 10 percent of all application areas.

Again, we believe the clarifications above will address your concerns. If you have any further questions, please contact Phil Isorena at (916) 341-5544 or [pisorena@waterboards.ca.gov](mailto:pisorena@waterboards.ca.gov).

Sincerely,



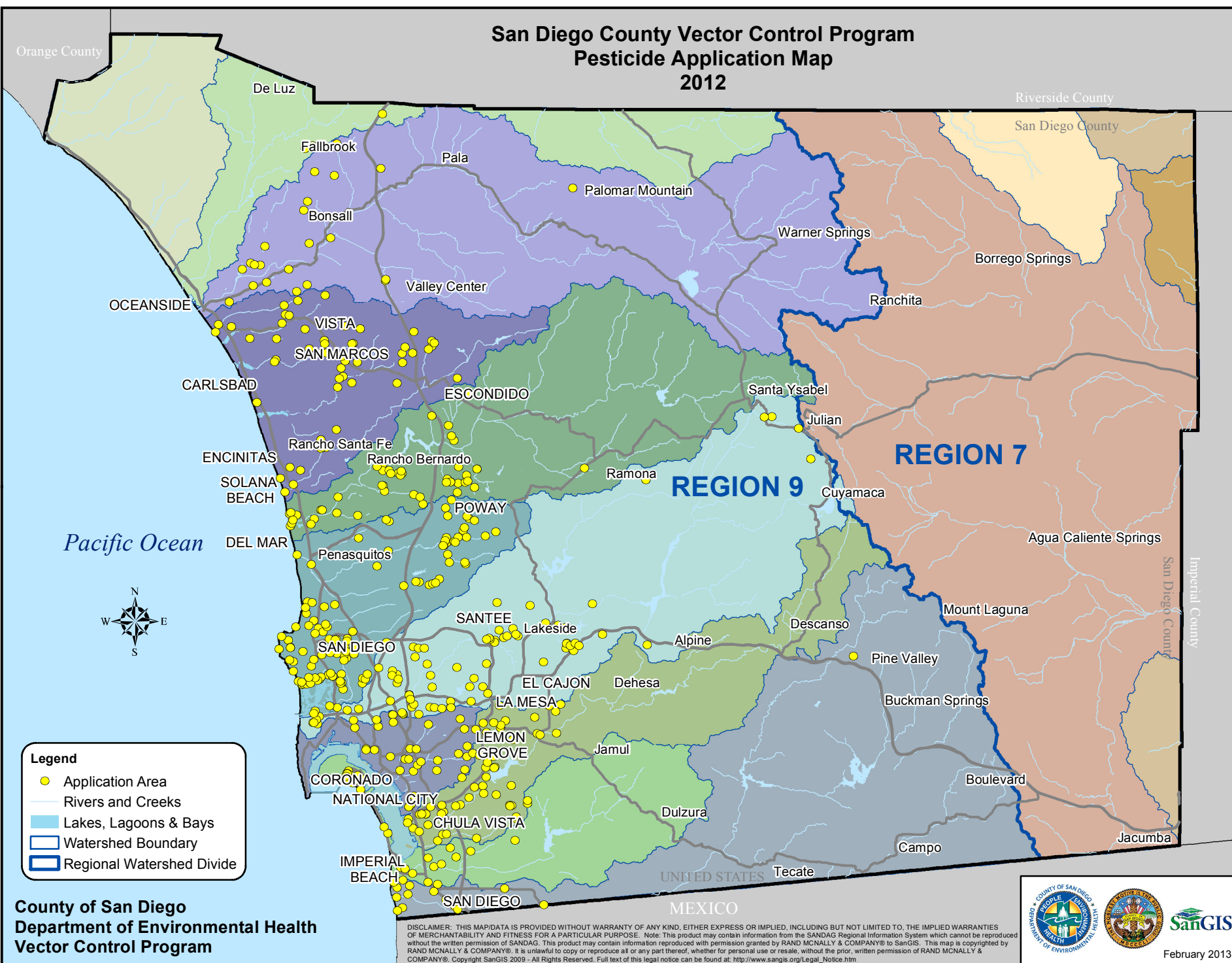
Jonathan S. Bishop  
Chief Deputy Director

**Attachment 3**

**San Diego County Vector Control Program  
Pesticide Application Map  
2012**



# San Diego County Vector Control Program Pesticide Application Map 2012



Orange County

De Luz

Riverside County

San Diego County

Fallbrook

Pala

Palomar Mountain

Bonsall

Warner Springs

Borrego Springs

OCEANSIDE

Valley Center

Ranchita

VISTA

SAN MARCOS

ESCONDIDO

Santa Ysabel

Julian

**REGION 7**

CARLSBAD

Rancho Santa Fe

Rancho Bernardo

Ramona

**REGION 9**

Cuyamaca

ENCINITAS

SOLANA BEACH

POWAY

*Pacific Ocean*

DEL MAR

Penasquitos

Agua Caliente Springs



SAN DIEGO

SANTEE

Lakeside

Alpine

Descanso

Mount Laguna

SAN DIEGO

EL CAJON

Dehesa

Pine Valley

Buckman Springs

LA MESA

Jamul

Boulevard

LEMON GROVE

Dulzura

CORONADO

NATIONAL CITY

CHULA VISTA

Campo

Jacumba

IMPERIAL BEACH

SAN DIEGO

UNITED STATES

MEXICO

Tecate

**County of San Diego  
Department of Environmental Health  
Vector Control Program**

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February 2013





**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
1/4/12 11:25 AM	J.Morales	909						1.00				32.693919	-117.190638	Coronado
1/4/12 11:26 AM	J.Morales	1783						1.00				32.690558	-117.191743	Coronado
1/4/12 11:47 AM	J.Morales	472							0.25			32.686794	-117.190406	Coronado
1/4/12 4:58 PM	D.Valdez	1472							2.00			32.990991	-117.094094	La Jolla
1/4/12 5:08 PM	D.Valdez	2062	2.00									32.998811	-117.098048	La Jolla
1/5/12 11:03 AM	D.Valdez	1357	0.03								25	33.018935	-117.062874	Green
1/5/12 11:12 AM	D.Valdez	1569	0.04								7	33.009890	-117.027015	Green
1/5/12 11:15 AM	D.Valdez	1567							0.02			33.022879	-117.037903	Green
1/5/12 12:54 PM	D.Valdez	91	0.01									32.975724	-117.033945	Poway
1/5/12 2:07 PM	J.Morales	1783						1.00				32.690558	-117.191743	Coronado
1/6/12 3:22 PM	S.Simmons	1208				2.00						33.031702	-116.883573	Ramona
1/11/12 5:14 PM	M.Condon	1513							0.25		4000	33.236684	-117.145905	Moosa
1/13/12 11:50 AM	J.Morales	4002							8.00			32.696796	-117.104254	Chollas
1/17/12 2:30 PM	D.Valdez	4006					2.00					32.927166	-117.059057	Poway
1/18/12 2:52 PM	D.Valdez	1101	0.09									33.024954	-117.126998	Rancho Santa Fe
1/19/12 5:26 PM	D.Valdez	4010	0.02									32.883406	-116.996897	Santee
1/19/12 5:27 PM	D.Valdez	4006							5.00			32.945534	-117.066664	Poway
1/20/12 5:24 PM	D.Valdez	2055							5.00			33.027017	-117.123277	Rancho Santa Fe
1/25/12 11:25 AM	D.Valdez	4006							0.07		120	32.965415	-117.040198	Poway
1/25/12 11:27 AM	D.Valdez	4006							6.00			32.973323	-117.027181	Poway
1/26/12 11:55 AM	D.Valdez	4006		3.00								32.956281	-117.012780	Poway
1/27/12 5:04 PM	D.Valdez	1406	1.00									33.033612	-117.147629	Rancho Santa Fe
1/31/12 1:48 PM	D.Valdez	4006	5.00									32.960892	-116.999068	Poway
2/2/12 11:27 AM	J.Morales	472							4			32.686794	-117.190406	Coronado
3/6/12 12:21 PM	D.Valdez	4006							0.01			32.965415	-117.040198	Poway
3/6/12 12:25 PM	D.Valdez	4006							0.01			32.965415	-117.040198	Poway
3/7/12 4:19 PM	N.Munoz	1140						1.80	0.07			32.753353	-116.984525	La Nacion
3/8/12 5:28 PM	D.Valdez	4010							0.1			32.842361	-117.009901	Santee
3/9/12 2:19 PM	D.Valdez	4010	0.02									32.883406	-116.996897	Santee
3/13/12 2:52 PM	M. Christian	330							1			32.858746	-116.916836	Santee
3/13/12 5:03 PM	D.Valdez	4006							0.01			32.954641	-117.048000	Poway
3/14/12 12:57 PM	M.Johnson	1824						12.00			1200	33.072063	-117.059974	Del Dios
3/14/12 3:21 PM	M.Johnson	295							0.07		200	33.077597	-117.061912	Del Dios
3/15/12 4:54 PM	D.Valdez	91						1.00				32.975724	-117.033945	Poway
3/22/12 4:12 PM	D.Valdez	91							0.02			32.975724	-117.033945	Poway
3/28/12 12:13 PM	D.Valdez	1406	0.09									33.033612	-117.147629	Rancho Santa Fe
3/28/12 1:15 PM	D.Valdez	2055							7			33.027017	-117.123277	Rancho Santa Fe
3/28/12 1:57 PM	D.Valdez	4006							0.02			32.965415	-117.040198	Poway
3/29/12 10:26 AM	J.Morales	472									20	32.686794	-117.190406	Coronado
3/29/12 10:30 AM	J.Morales	472							1		4	32.686794	-117.190406	Coronado

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
4/4/12 1:18 PM	J.Morales	4002						2.00				32.703855	-117.098942	Chollas
4/4/12 1:21 PM	J.Morales	4002						2.00				32.703855	-117.098942	Chollas
4/4/12 3:03 PM	M. Christian	4010							0.5			32.846213	-116.983251	Santee
4/6/12 11:21 AM	S.Eisele	1264				4.0000						32.967717	-117.240465	Rancho Santa Fe
4/10/12 4:30 PM	S.Eisele	1264				2.0000						32.967717	-117.240465	Rancho Santa Fe
4/10/12 5:13 PM	M. Christian	330							1.5			32.858746	-116.916836	Santee
4/10/12 5:29 PM	M.Johnson	295							1.18			33.077597	-117.061912	Del Dios
4/17/12 2:36 PM	M.Condon	1513						0.15			20	33.236684	-117.145905	Moosa
4/17/12 5:36 PM	M.Condon	1513						0.15				33.236684	-117.145905	Moosa
4/17/12 6:36 PM	M.Condon	1513						0.15				33.236684	-117.145905	Moosa
4/17/12 7:36 PM	M.Condon	1513						0.15				33.236684	-117.145905	Moosa
4/17/12 8:36 PM	M.Condon	1513						0.15			400	33.236684	-117.145905	Moosa
4/18/12 11:14 AM	D.Valdez	91							0.04			32.975724	-117.033945	Poway
4/18/12 1:17 PM	J.Haro	1790						0.50	0.1		25	32.650113	-117.066973	La Nacion
4/18/12 5:01 PM	M.Johnson	318							0.4			33.166652	-117.189242	Buena
4/20/12 5:03 PM	D.Valdez	4010						2.00	0.09			32.883406	-116.996897	Santee
4/23/12 11:43 AM	N.Munoz	1140						0.15	0.005			32.753353	-116.984525	La Nacion
4/25/12 12:20 PM	M.Condon	376							0.002			33.381097	-117.253018	Upper Ysidora
5/1/12 1:24 PM	J.Haro	4005	2								2	32.665676	-116.955044	Otay Valley
5/1/12 2:24 PM	J.Haro	4005	1									32.662131	-116.954964	Otay Valley
5/1/12 3:02 PM	D.Valdez	4006							0.09			32.956281	-117.012780	Poway
5/1/12 3:47 PM	S.Simmons	801				2						32.807098	-117.132161	Mission San Diego
5/2/12 1:47 PM	D.Valdez	589	0.01									33.015653	-117.058335	Green
5/3/12 12:27 PM	J.Haro	596	10								50	32.657424	-117.109448	Paradise
5/3/12 12:27 PM	J.Morales	596	10									32.657424	-117.109448	Paradise
5/3/12 12:54 PM	J.Haro	17	5								50	32.657424	-117.109448	Paradise
5/3/12 12:54 PM	J.Morales	17	5									32.657424	-117.109448	Paradise
5/3/12 1:30 PM	J.Haro	2	3									32.633923	-117.104018	La Nacion
5/3/12 1:30 PM	J.Morales	2	3									32.633923	-117.104018	La Nacion
5/3/12 3:47 PM	S.Simmons	1220				0.5 T					800	32.802335	-117.082676	Mission San Diego
5/3/12 4:08 PM	J.Morales	4005	18									32.590677	-117.119207	Otay Valley
5/3/12 4:09 PM	J.Haro	4005	18									32.590677	-117.119207	Otay Valley
5/3/12 4:14 PM	S.Simmons	946				0.5 T					5	32.810245	-117.150445	Mission San Diego
5/4/12 10:26 AM	J.Haro	4005	12									32.590677	-117.119207	Otay Valley
5/4/12 10:38 AM	J.Haro	4005	2									32.589437	-117.113756	Otay Valley
5/4/12 1:26 PM	J.Haro	4009	12									32.574688	-117.128255	San Ysidro
5/4/12 2:58 PM	J.Haro	4009	30								4356	32.546576	-117.116589	San Ysidro
5/4/12 4:35 PM	M. Christian	330							1.5			32.858746	-116.916836	Santee
5/4/12 5:15 PM	D.Valdez	4006						1.20				32.948861	-117.062783	Poway
5/4/12 5:17 PM	D.Valdez	2055							5			33.027017	-117.123277	Rancho Santa Fe

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
5/8/12 9:31 AM	J.Haro	4009	13								400	32.568640	-117.124115	San Ysidro
5/8/12 10:12 AM	J.Haro	4009	10									32.557853	-117.124472	San Ysidro
5/8/12 11:31 AM	J.Haro	4009	13									32.568640	-117.124115	San Ysidro
5/8/12 12:12 PM	J.Haro	4009	10									32.557853	-117.124472	San Ysidro
5/8/12 12:18 PM	J.Haro	4009	1									32.561076	-117.109685	San Ysidro
5/8/12 12:31 PM	J.Haro	4009	13									32.568640	-117.124115	San Ysidro
5/8/12 1:12 PM	J.Haro	4009	10									32.557853	-117.124472	San Ysidro
5/8/12 1:31 PM	J.Haro	4009	13									32.568640	-117.124115	San Ysidro
5/8/12 2:12 PM	J.Haro	4009	10									32.557853	-117.124472	San Ysidro
5/8/12 2:18 PM	J.Haro	4009	1								25	32.561076	-117.109685	San Ysidro
5/8/12 2:31 PM	J.Haro	4009	13								50	32.568640	-117.124115	San Ysidro
5/8/12 3:12 PM	J.Haro	4009	10									32.557853	-117.124472	San Ysidro
5/8/12 3:18 PM	J.Haro	4009	1								25	32.561076	-117.109685	San Ysidro
5/8/12 3:22 PM	J.Haro	2025	10									32.639850	-117.110953	La Nacion
5/8/12 3:31 PM	J.Haro	4009	13									32.568640	-117.124115	San Ysidro
5/8/12 3:44 PM	J.Haro	62	20									32.644406	-117.110289	La Nacion
5/9/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
5/9/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
5/9/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe
5/9/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
5/9/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
5/9/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
5/9/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
5/9/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
5/9/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
5/9/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee
5/9/12 9:25 AM	Aerial	330							6.5	80		32.858746	-116.916836	Santee
5/9/12 9:30 AM	Aerial	4010							5	40		32.855967	-116.906606	Santee
5/9/12 9:40 AM	Aerial	4010							4	40		32.842707	-117.005838	Santee
5/9/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
5/9/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
5/9/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
5/9/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee
5/9/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
5/9/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
5/9/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
5/9/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
5/9/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
5/9/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas
5/9/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
5/9/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
5/9/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
5/9/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe
5/9/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
5/9/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
5/9/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos
5/9/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
5/9/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
5/9/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
5/9/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos
5/9/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
5/9/12 3:45 PM	Aerial	4004							8	80		33.239106	-117.294150	Mission
5/9/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
5/9/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
5/9/12 4:10 PM	Aerial	2043							13.5	80		33.320644	-117.162315	Bonsall
5/10/12 1:41 PM	N.Munoz	1140						0.37	0.01			32.753353	-116.984525	La Nacion
5/11/12 10:54 AM	J.Morales	9						4.00				32.696730	-117.188565	Coronado
5/11/12 11:00 AM	J.Morales	909						1.00				32.693919	-117.190638	Coronado
5/11/12 11:25 AM	J.Morales	1783						3.00				32.690558	-117.191743	Coronado
5/11/12 11:26 AM	J.Morales	910						5.00				32.693609	-117.189910	Coronado
5/11/12 12:33 PM	D.Valdez	1406	0.14									33.033612	-117.147629	Rancho Santa Fe
5/11/12 3:14 PM	J.Haro	10						1.00	0.1			32.692516	-117.187282	Coronado
5/11/12 3:18 PM	S.Simmons	800				2					1000	32.794007	-117.126410	Mission San Diego
5/15/12 10:34 AM	D.Valdez	4006						1.00	0.04			32.965415	-117.040198	Poway
5/16/12 11:04 AM	D.Valdez	4006							0.09			32.927166	-117.059057	Poway
5/16/12 11:26 AM	M.Johnson	885							4		26000	33.129828	-117.050946	Escondido
5/16/12 11:31 AM	M.Johnson	885							4		26000	33.129828	-117.050946	Escondido
5/16/12 12:53 PM	M. Christian	1206							0.02		45	32.836273	-116.900554	Coches
5/16/12 3:09 PM	M.Johnson	1519							0.5			33.088318	-117.083920	Felicita
5/17/12 9:50 AM	S.Eisele	4003	0.2									32.904944	-117.098482	Miramar Reservoir
5/17/12 9:57 AM	S.Eisele	113	5								400	32.739259	-116.942813	Jamacha
5/17/12 1:41 PM	D.Valdez	4006						11.00	0.35			32.925584	-117.038149	Poway
5/17/12 1:42 PM	D.Valdez	4006						1.40	0.04			32.954641	-117.048000	Poway
5/18/12 10:21 AM	D.Valdez	2062							0.45			32.998811	-117.098048	La Jolla
5/22/12 9:25 AM	J.Morales	1144		1				1.00				32.683384	-117.183122	Coronado
5/22/12 10:13 AM	J.Morales	1783						3.00				32.690558	-117.191743	Coronado
5/22/12 10:24 AM	D.Valdez	1357	0.05									33.018935	-117.062874	Green
5/22/12 10:30 AM	J.Morales	910						6.00				32.693609	-117.189910	Coronado
5/22/12 10:33 AM	J.Morales	909						2.00				32.693919	-117.190638	Coronado
5/22/12 10:50 AM	J.Morales	9						3.00				32.696730	-117.188565	Coronado

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
5/22/12 11:13 AM	D.Valdez	1160							0.04			32.995944	-117.057019	Poway
5/22/12 11:32 AM	J.Morales	896		2				0.05			30000	32.687713	-117.169105	Coronado
5/22/12 12:31 PM	D.Valdez	1988						4.00	0.18			32.986909	-117.064763	Poway
5/22/12 1:33 PM	D.Valdez	4006						0.07	0.02			32.954009	-117.063483	Poway
5/22/12 1:37 PM	J.Morales	4002		3				6.00				32.713597	-117.034524	Chollas
5/22/12 2:57 PM	J.Morales	2034		7					0.29		6750	32.718530	-117.004558	La Nacion
5/22/12 3:05 PM	D.Valdez	4006						1.40	0.04			32.948861	-117.062783	Poway
5/22/12 3:10 PM	J.Morales	1738		2								32.718051	-117.005565	La Nacion
5/23/12 12:34 PM	D.Valdez	1521			1			1.00				33.024726	-117.122269	Rancho Santa Fe
5/23/12 2:58 PM	D.Valdez	1472						11.00	0.45			32.990991	-117.094094	La Jolla
5/23/12 3:25 PM	D.Valdez	4006						1.40	0.04			32.935867	-117.061754	Poway
5/24/12 9:27 AM	J.Morales	673		10					1			32.690493	-117.040568	Paradise
5/25/12 2:50 PM	J.Haro	1934	1									32.660053	-116.978598	La Nacion
5/25/12 3:44 PM	M.Taylor	1927	0.022									32.749066	-117.234651	Mission San Diego
5/25/12 3:50 PM	M.Taylor	209	0.05									32.756048	-117.227625	Mission San Diego
5/25/12 3:54 PM	M.Taylor	210	0.022									32.747765	-117.229228	Mission San Diego
5/25/12 4:47 PM	M. Christian	4010							2			32.843822	-117.006463	Santee
5/29/12 8:55 AM	J.Morales	4002		10					0.88		1000	32.717046	-117.026654	Chollas
5/29/12 10:14 AM	J.Morales	390		4				1.00				32.679650	-117.024573	La Nacion
5/29/12 11:30 AM	J.Morales	160		5					0.88		50	32.699074	-117.037119	Paradise
5/29/12 5:07 PM	S.Eisele	204	2									32.977723	-117.259094	Rancho Santa Fe
5/30/12 8:34 AM	J.Morales	4002						3.00	0.88			32.709069	-117.072562	Chollas
5/30/12 10:45 AM	J.Morales	4002		4								32.703855	-117.098942	Chollas
5/30/12 2:26 PM	J.Morales	4002						5.00				32.721279	-117.100375	Chollas
5/30/12 2:51 PM	J.Morales	4002		5				5.00	0.06			32.721659	-117.108660	Chollas
5/30/12 2:55 PM	M.Taylor	1312							0.26			32.762221	-117.232856	Fiesta Island
5/30/12 2:59 PM	M.Taylor	1402							0.26			32.759321	-117.234613	Fiesta Island
5/30/12 3:16 PM	J.Morales	4002		2								32.709884	-117.114982	Chollas
5/30/12 3:29 PM	J.Morales	4002		3				2.00				32.710134	-117.110284	Chollas
5/30/12 4:59 PM	M. Christian	4010						256.00	0.1		26000	32.844560	-116.987581	Santee
5/31/12 11:59 AM	R.Nathman1	4008							0.25		100	33.027016	-117.255259	San Elijo
5/31/12 12:19 PM	R.Nathman1	4008							0.25			33.011390	-117.264354	San Elijo
5/31/12 12:34 PM	D.Valdez	2055							2			33.027017	-117.123277	Rancho Santa Fe
5/31/12 12:35 PM	R.Nathman1	4008							0.1		250	33.018231	-117.281294	San Elijo
5/31/12 2:28 PM	E.Mcownen1	369							1		5	32.796778	-117.228032	Miramar
5/31/12 3:13 PM	J.Haro	425	0.1									32.668098	-117.031467	La Nacion
5/31/12 3:18 PM	D.Valdez	1755							0.18			33.004685	-117.144864	La Jolla
6/1/12 10:17 AM	J.Morales	4002		2								32.712753	-117.134104	Chollas
6/1/12 10:53 AM	J.Morales	269				0.53					120	32.720066	-117.155009	Lindbergh
6/1/12 11:02 AM	J.Haro	579	0.1									32.659727	-117.107033	Paradise

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
6/1/12 12:41 PM	S.Simmons	1209				2						32.818233	-116.935545	El Cajon
6/1/12 2:52 PM	J.Morales	76	0.53						0.59			32.681122	-117.013257	La Nacion
6/1/12 3:32 PM	J.Morales	1769				0.53			0.59			32.707164	-117.007426	La Nacion
6/1/12 5:13 PM	M. Christian	330							1.5			32.858746	-116.916836	Santee
6/6/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
6/6/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
6/6/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe
6/6/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
6/6/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
6/6/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
6/6/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
6/6/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
6/6/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
6/6/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee
6/6/12 9:25 AM	Aerial	330							6.5	80		32.858746	-116.916836	Santee
6/6/12 9:30 AM	Aerial	4010							5	40		32.855967	-116.906606	Santee
6/6/12 9:40 AM	Aerial	4010							4	40		32.842707	-117.005838	Santee
6/6/12 9:46 AM	J.Morales	160		2				3.00			100	32.699074	-117.037119	Paradise
6/6/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
6/6/12 10:12 AM	D.Valdez	4010	0.05									32.883406	-116.996897	Santee
6/6/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
6/6/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
6/6/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee
6/6/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
6/6/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
6/6/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
6/6/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
6/6/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
6/6/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas
6/6/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir
6/6/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
6/6/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
6/6/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe
6/6/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
6/6/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
6/6/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos
6/6/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
6/6/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
6/6/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
6/6/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
6/6/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
6/6/12 3:45 PM	Aerial	4004							8	80		33.239106	-117.294150	Mission
6/6/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
6/6/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
6/6/12 4:10 PM	Aerial	2043							13.5	80		33.320644	-117.162315	Bonsall
6/7/12 12:54 PM	D.Valdez	4006	0.02									32.956281	-117.012780	Poway
6/7/12 1:25 PM	M.Condon	4007							0.02			33.146518	-117.122438	Richland
6/7/12 2:11 PM	S.Eisele	4003	0.25									32.904944	-117.098482	Miramar Reservoir
6/7/12 2:14 PM	J.Morales	1739							0.27			32.682113	-116.976661	La Nacion
6/7/12 2:37 PM	S.Eisele	674	10									32.978889	-117.268730	Rancho Santa Fe
6/7/12 2:49 PM	S.Simmons	1214				5						32.810928	-116.957838	El Cajon
6/8/12 4:37 PM	D.Valdez	91						8.00	0.27			32.975724	-117.033945	Poway
6/8/12 4:52 PM	D.Valdez	1569						1.40	0.04			33.009890	-117.027015	Green
6/8/12 4:57 PM	M.Johnson	1344										33.233542	-117.301760	Mission
6/8/12 4:59 PM	M.Johnson	1344		12								33.233542	-117.301760	Mission
6/8/12 5:01 PM	M. Christian	4010						6.00	0.1			32.854748	-116.934735	Santee
6/8/12 5:16 PM	M. Christian	4010							0.75			32.842707	-117.005838	Santee
6/8/12 5:22 PM	M. Christian	4010							0			32.852782	-116.993827	Santee
6/8/12 5:24 PM	M. Christian	251							0.1			33.067489	-116.903404	La Nacion
6/11/12 12:54 PM	N.Munoz	1304						0.15			400	32.748158	-116.990677	La Nacion
6/12/12 6:59 AM	M.Johnson	1344		12								33.233542	-117.301760	Mission
6/12/12 11:36 AM	N.Munoz	1327							0.04			32.766328	-117.067736	Mission San Diego
6/12/12 12:38 PM	M.Condon	372							0.03		25	33.384431	-117.243100	Upper Ysidora
6/12/12 2:49 PM	N.Munoz	4002						0.70	0.02		100	32.767254	-117.055685	Chollas
6/12/12 4:04 PM	J.Morales	4002							0.29			32.696796	-117.104254	Chollas
6/12/12 4:15 PM	D.Valdez	4006				0.45					400	32.925584	-117.038149	Poway
6/13/12 10:28 AM	S.Eisele	113						3.00			400	32.739259	-116.942813	Jamacha
6/13/12 1:54 PM	E.Mcowen1	369							1			32.796778	-117.228032	Miramar
6/13/12 2:09 PM	E.Mcowen1	1527							0.1			32.798542	-117.233226	Scripps
6/13/12 4:15 PM	N.Munoz	1397						1.10	0.03			32.750977	-116.999951	La Nacion
6/13/12 4:44 PM	M.Johnson	150							4			33.123675	-117.129498	Escondido
6/13/12 4:44 PM	M. Christian	4010							8			32.854748	-116.934735	Santee
6/13/12 4:46 PM	M. Christian	1206							0.5			32.836273	-116.900554	Coches
6/14/12 11:33 AM	M.Condon	1674						0.37				33.237820	-117.145754	Moosa
6/14/12 1:21 PM	E.Mcowen1	233							1		400	32.786241	-117.196476	Miramar
6/14/12 2:01 PM	J.Haro	136	3					3.00			52	32.660170	-117.042961	La Nacion
6/14/12 3:38 PM	J.Haro	2088	0.0006					1.00				32.659865	-116.975474	La Nacion
6/15/12 7:16 AM	M. Christian	4010							0.2			32.846213	-116.983251	Santee
6/15/12 11:55 AM	S.Simmons	801						0.50				32.807098	-117.132161	Mission San Diego
6/15/12 2:25 PM	M.Condon	500							0.15			33.164655	-117.084567	Escondido

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
6/15/12 4:52 PM	D.Valdez	589							1			33.015653	-117.058335	Green
6/15/12 4:54 PM	D.Valdez	1570							1			33.015472	-117.058676	Green
6/15/12 4:54 PM	M.Johnson	4007		2				1.00				33.123956	-117.188586	Richland
6/15/12 4:58 PM	D.Valdez	4003		2								32.904384	-117.076979	Miramar Reservoir
6/15/12 4:59 PM	D.Valdez	4003		2								32.901817	-117.085540	Miramar Reservoir
6/15/12 5:06 PM	D.Valdez	1756	0.01									33.011267	-117.148304	La Jolla
6/19/12 10:43 AM	N.Munoz	1305							0.09		50	32.774137	-117.029370	Mission San Diego
6/19/12 10:54 AM	K.Sylakowski	191							1.5			33.148613	-117.288460	Los Monos
6/19/12 11:08 AM	K.Sylakowski	4004							0.29			33.223939	-117.262142	Mission
6/19/12 11:13 AM	J.Haro	124	1.5									32.672905	-117.012191	La Nacion
6/19/12 11:53 AM	J.Morales	1144	0.014									32.683384	-117.183122	Coronado
6/19/12 11:55 AM	J.Morales	1783			2							32.690558	-117.191743	Coronado
6/19/12 12:11 PM	J.Morales	909			4			3.00			600	32.693919	-117.190638	Coronado
6/19/12 1:50 PM	J.Morales	4009						25.00	3			32.551282	-117.052962	San Ysidro
6/19/12 2:22 PM	E.Mcowen1	952				2					4356	32.799793	-117.225943	Miramar
6/19/12 3:55 PM	K.Sylakowski	1194						12.00	2.5			33.160791	-117.244986	Los Monos
6/19/12 3:59 PM	K.Sylakowski	178							0.88		300	33.197190	-117.271562	El Salto
6/19/12 5:18 PM	M. Christian	4010							1			32.843822	-117.006463	Santee
6/19/12 5:19 PM	M.Johnson	885							4			33.129828	-117.050946	Escondido
6/19/12 5:21 PM	M. Christian	4010							8			32.841883	-116.998980	Santee
6/20/12 11:25 AM	R.Salamat	1321						0.25	0.07			33.211359	-117.350539	Mission
6/20/12 11:46 AM	J.Morales	87	1						2			32.568446	-116.984349	Water Tanks
6/20/12 1:01 PM	J.Haro	1791	0.5									32.659102	-117.048683	La Nacion
6/20/12 1:41 PM	R.Salamat	89							0.88			33.198395	-117.276757	El Salto
6/20/12 2:27 PM	R.Salamat	4004							1.5		100	33.231052	-117.248586	Mission
6/20/12 4:05 PM	N.Munoz	1309						5.00	0.15			32.739995	-116.917951	Jamacha
6/20/12 4:25 PM	D.Valdez	2067						2.90	0.09			33.024286	-117.136662	Rancho Santa Fe
6/20/12 4:27 PM	D.Valdez	1755	0.05									33.004685	-117.144864	La Jolla
6/20/12 4:35 PM	D.Valdez	2055							3			33.027017	-117.123277	Rancho Santa Fe
6/20/12 4:38 PM	D.Valdez	1101	0.05									33.024954	-117.126998	Rancho Santa Fe
6/20/12 4:43 PM	D.Valdez	1521	0.09									33.024726	-117.122269	Rancho Santa Fe
6/21/12 4:15 PM	K.Sylakowski	1583			2						1500	33.184438	-117.347380	El Salto
6/21/12 4:17 PM	K.Sylakowski	1315							2		10	33.171359	-117.287932	Los Monos
6/21/12 4:38 PM	D.Valdez	356						0.70	0.02			33.015099	-117.039396	Green
6/21/12 4:44 PM	M.Johnson	4008									30492	33.051304	-117.228213	San Elijo
6/21/12 4:47 PM	M.Johnson	4008						0.25			600	33.051304	-117.228213	San Elijo
6/21/12 5:02 PM	M.Johnson	4008							0.5			33.060750	-117.228664	San Elijo
6/22/12 1:45 PM	J.Morales	2034	20									32.718530	-117.004558	La Nacion
6/22/12 2:02 PM	J.Morales	1436		3					0.125			32.702256	-116.997781	Jamacha
6/22/12 2:54 PM	J.Morales	390	0.25					3.00				32.679650	-117.024573	La Nacion



**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
6/22/12 4:28 PM	M.Johnson	1563										33.111918	-117.035783	Bear
6/22/12 4:31 PM	M.Johnson	317										33.167364	-117.187341	Buena
6/22/12 4:34 PM	M.Johnson	317							0.15			33.167364	-117.187341	Buena
6/22/12 4:37 PM	M.Johnson	318										33.166652	-117.189242	Buena
6/22/12 4:39 PM	M.Johnson	318							0.15			33.166652	-117.189242	Buena
6/22/12 4:53 PM	M. Christian	4010							8			32.839273	-116.999778	Santee
6/22/12 4:57 PM	M. Christian	4010							8			32.854851	-116.975811	Santee
6/22/12 5:25 PM	D.Valdez	2062	0.18									32.998811	-117.098048	La Jolla
6/26/12 10:13 AM	J.Morales	673						1.00				32.690493	-117.040568	Paradise
6/26/12 10:23 AM	J.Morales	4005									4356	32.574737	-117.084015	Otay Valley
6/26/12 10:44 AM	D.Valdez	4006							0.05			32.954641	-117.048000	Poway
6/26/12 1:06 PM	M.Dice	1261									55	33.019486	-116.803181	Gower
6/26/12 1:24 PM	J.Morales	4009		6					0.25			32.564528	-117.075977	San Ysidro
6/26/12 2:29 PM	J.Morales	673		6	1				0.03			32.690493	-117.040568	Paradise
6/26/12 3:53 PM	J.Morales	1747	0.011					1.00			10	32.690868	-117.009350	La Nacion
6/26/12 3:53 PM	L.Campenella	1747	0.011									32.690868	-117.009350	La Nacion
6/26/12 3:57 PM	S.Simmons	560							5		2000	32.822601	-117.103014	Mission San Diego
6/26/12 4:47 PM	D.Valdez	4006						6.00	0.27			32.954641	-117.048000	Poway
6/26/12 5:03 PM	M. Christian	4010							8			32.854851	-116.975811	Santee
6/26/12 5:05 PM	M. Christian	4010							0.3		1000	32.860849	-116.933278	Santee
6/26/12 5:10 PM	M.Johnson	4007							0.02			33.118749	-117.207542	Richland
6/27/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
6/27/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
6/27/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe
6/27/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
6/27/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
6/27/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
6/27/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
6/27/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
6/27/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
6/27/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee
6/27/12 9:25 AM	Aerial	4010							6.5	80		32.858746	-116.916836	Santee
6/27/12 9:30 AM	Aerial	4010							5	40		32.855967	-116.906606	Santee
6/27/12 9:40 AM	Aerial	4010							4	40		32.842707	-117.005838	Santee
6/27/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
6/27/12 10:20 AM	E.Mcowen1	1955			4	0.25						32.839550	-117.192081	Miramar
6/27/12 10:22 AM	E.Mcowen1	1467			1	0.1						32.842329	-117.191674	Miramar
6/27/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
6/27/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
6/27/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
6/27/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
6/27/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
6/27/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
6/27/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
6/27/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
6/27/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas
6/27/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir
6/27/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
6/27/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
6/27/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe
6/27/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
6/27/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
6/27/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos
6/27/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
6/27/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
6/27/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
6/27/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos
6/27/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
6/27/12 3:45 PM	Aerial	4004							8	80		33.239106	-117.294150	Mission
6/27/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
6/27/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
6/27/12 4:10 PM	Aerial	2043							13.5	80		33.320644	-117.162315	Bonsall
6/28/12 9:02 AM	J.Morales	1769							3			32.707164	-117.007426	La Nacion
6/28/12 10:07 AM	J.Morales	909	0.003					0.05				32.693919	-117.190638	Coronado
6/28/12 10:10 AM	J.Morales	4002		3								32.712753	-117.134104	Chollas
6/28/12 10:31 AM	J.Morales	1783	0.000229					0.05				32.690558	-117.191743	Coronado
6/28/12 10:44 AM	J.Morales	269	0.125						0.25		120	32.720066	-117.155009	Lindbergh
6/28/12 11:10 AM	J.Morales	896	0.002					0.00				32.687713	-117.169105	Coronado
6/28/12 11:44 AM	J.Morales	1966	0.5						0.25			32.721037	-117.166019	Lindbergh
6/28/12 12:58 PM	B.Chapin	705		2					1			32.849537	-117.223763	Miramar
6/28/12 1:40 PM	B.Chapin	706	1.5									32.855159	-117.217970	Miramar
6/28/12 2:04 PM	D.Valdez	477	0.02									32.950070	-117.053501	Poway
6/28/12 2:06 PM	D.Valdez	4006	0.05								1000	32.949315	-117.052050	Poway
6/28/12 2:33 PM	J.Morales	4002	0.125					8.00				32.721279	-117.100375	Chollas
6/28/12 2:34 PM	B.Chapin	710							0.25			32.857917	-117.220335	Miramar
6/28/12 3:45 PM	B.Chapin	938							1			32.832441	-117.098974	Mission San Diego
6/28/12 4:01 PM	J.Morales	4002						0.0002				32.709069	-117.072562	Chollas
6/28/12 5:10 PM	M. Christian	330							1.5			32.858746	-116.916836	Santee
6/29/12 7:55 AM	M. Christian	4010							0.3		200	32.844560	-116.987581	Santee
6/29/12 9:59 AM	L.Campenella	1700	0.022					1.00			10	32.697784	-117.073354	El Toyon

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
6/29/12 10:00 AM	J.Morales	1700	0.022					1.00			300	32.697784	-117.073354	El Toyan
6/29/12 11:42 AM	M.Condon	1674							0.003			33.237820	-117.145754	Moosa
6/29/12 12:26 PM	D.Valdez	4006							3			32.954641	-117.048000	Poway
6/29/12 3:03 PM	D.Valdez	4010	0.05									32.883406	-116.996897	Santee
6/29/12 3:57 PM	J.Morales	4002	0.022					3.00			3500	32.696796	-117.104254	Chollas
6/29/12 4:22 PM	M. Christian	251							0.3			33.282197	-116.812981	Santee
7/2/12 4:20 PM	M.Taylor	1646							0.0006			32.767648	-117.213876	Fiesta Island
7/2/12 4:25 PM	M.Taylor	1254							0.003			32.780439	-117.110193	Mission San Diego
7/3/12 12:28 PM	J.Morales	910						4.00				32.693609	-117.189910	Coronado
7/5/12 12:00 AM	B.Chapin	1206							1.5			32.836273	-116.900554	Coches
7/5/12 12:00 AM	B.Chapin	4010							0.5			32.844560	-116.987581	Santee
7/5/12 11:08 AM	N.Marshal	1925	0.05								40	32.774276	-117.056192	Mission San Diego
7/5/12 12:49 PM	N.Marshal	874	0.01								2500	32.767651	-117.082764	Mission San Diego
7/5/12 1:25 PM	D.Valdez	4006						1.40	0.04			32.948861	-117.062783	Poway
7/5/12 1:55 PM	S.Eisele	4009	4									32.561076	-117.109685	San Ysidro
7/5/12 2:23 PM	N.Marshal	4002	0.022								30	32.748719	-117.084859	Chollas
7/5/12 3:03 PM	J.Morales	1511		9				1.00	0.29			32.659524	-117.066914	La Nacion
7/6/12 2:08 PM	D.Valdez	2068			1							33.031880	-117.154884	Rancho Santa Fe
7/6/12 2:13 PM	D.Valdez	1406	0.2								8000	33.033612	-117.147629	Rancho Santa Fe
7/6/12 2:15 PM	D.Valdez	1569							0.9			33.009890	-117.027015	Green
7/6/12 2:20 PM	D.Valdez	1570							0.18			33.015472	-117.058676	Green
7/6/12 2:21 PM	D.Valdez	589							0.45			33.015653	-117.058335	Green
7/9/12 12:00 AM	B.Chapin	352							1.5			32.841695	-117.215035	Miramar
7/9/12 12:00 AM	B.Chapin	705							0.1			32.849537	-117.223763	Miramar
7/9/12 12:00 AM	B.Chapin	822							2.5			32.840965	-117.207444	Miramar
7/9/12 12:00 AM	B.Chapin	939							0.1			32.827696	-117.249656	Scripps
7/9/12 12:00 AM	B.Chapin	1212							0.1			32.816262	-117.261836	Scripps
7/9/12 10:33 AM	N.Marshal	1641	0.002									32.759336	-117.097473	Mission San Diego
7/9/12 11:59 AM	N.Munoz	2039						0.15	0.003			32.769686	-116.992556	La Nacion
7/9/12 3:01 PM	N.Marshal	315	0.09									32.740255	-117.008852	La Nacion
7/9/12 3:27 PM	M. Christian	4010							0.3		29	32.842707	-117.005838	Santee
7/10/12 12:00 AM	B.Chapin	698		1								32.833625	-117.105380	Mission San Diego
7/10/12 12:00 AM	B.Chapin	937		2					1			32.838256	-117.140421	Miramar
7/10/12 1:57 PM	E.Mcowen1	233								9	400	32.786241	-117.196476	Miramar
7/10/12 1:58 PM	E.Mcowen1	382			1							32.800765	-117.210636	Miramar
7/10/12 2:00 PM	E.Mcowen1	383			2							32.803952	-117.212971	Miramar
7/10/12 2:01 PM	E.Mcowen1	449	10									32.796050	-117.229999	Scripps
7/10/12 2:49 PM	K.Sylakowski	4004							0.03			33.273076	-117.304699	Mission
7/10/12 4:34 PM	D.Valdez	1569							0.4			33.009890	-117.027015	Green
7/10/12 4:35 PM	D.Valdez	91							0.9			32.975724	-117.033945	Poway

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
7/10/12 4:39 PM	M. Christian	1127	0.002									32.838419	-116.905372	Coches
7/11/12 9:27 AM	M. Condon	1674							0.006			33.237820	-117.145754	Moosa
7/11/12 12:44 PM	S. Simmons	801						2.00				32.807098	-117.132161	Mission San Diego
7/11/12 5:21 PM	D. Valdez	4006	2									32.927137	-117.039333	Poway
7/11/12 5:22 PM	D. Valdez	4006							0.35			32.935867	-117.061754	Poway
7/12/12 12:00 AM	B. Chapin	1286							1			32.805589	-117.261883	Scripps
7/12/12 2:18 PM	S. Eisele	4003	0.2									32.901069	-117.118667	Miramar Reservoir
7/12/12 2:27 PM	S. Eisele	4003	0.2									32.922404	-117.153780	Miramar Reservoir
7/13/12 11:42 AM	S. Eisele	204	2									32.977723	-117.259094	Rancho Santa Fe
7/13/12 11:44 AM	S. Eisele	1984	0.2								10	32.971970	-117.264092	Rancho Santa Fe
7/13/12 12:55 PM	M. Christian	4010							0.15			32.846213	-116.983251	Santee
7/16/12 12:00 AM	B. Chapin	4011		1					0.5		1000	32.793253	-117.171374	Tecolote
7/16/12 12:00 AM	B. Chapin	4011							0.5		250	32.797761	-117.167659	Tecolote
7/16/12 12:00 AM	B. Chapin	4011							2			32.825509	-117.205092	Tecolote
7/16/12 11:26 AM	N. Marshal	1090	0.006					0.37				32.745827	-117.150174	Lindbergh
7/17/12 10:14 AM	N. McConnell	4010							8			32.854748	-116.934735	Santee
7/17/12 1:10 PM	J. Morales	896			2			4.00			100	32.687713	-117.169105	Coronado
7/18/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
7/18/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
7/18/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe
7/18/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
7/18/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
7/18/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
7/18/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
7/18/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
7/18/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
7/18/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee
7/18/12 9:25 AM	Aerial	4010							6.5	80		32.858746	-116.916836	Santee
7/18/12 9:30 AM	Aerial	4010							5			32.855967	-116.906606	Santee
7/18/12 9:40 AM	Aerial	4010							4			32.842707	-117.005838	Santee
7/18/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
7/18/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
7/18/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
7/18/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee
7/18/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
7/18/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
7/18/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
7/18/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
7/18/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
7/18/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
7/18/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir
7/18/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
7/18/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
7/18/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe
7/18/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
7/18/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
7/18/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos
7/18/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
7/18/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
7/18/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
7/18/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos
7/18/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
7/18/12 3:45 PM	Aerial	4004							8			33.239106	-117.294150	Mission
7/18/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
7/18/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
7/18/12 4:10 PM	Aerial	2043							13.5			33.320644	-117.162315	Bonsall
7/19/12 12:00 AM	B.Chapin	694						1.00	0.5			32.803171	-117.199222	Miramar
7/19/12 12:00 AM	B.Chapin	917							3		400	32.792710	-117.199884	Miramar
7/19/12 12:00 AM	B.Chapin	932							0.25			32.795084	-117.200329	Miramar
7/19/12 9:30 AM	K.Sylakowski	4004							0.29			33.223939	-117.262142	Mission
7/19/12 12:15 PM	D.Valdez	2055						7.00	0.35		13000	33.027017	-117.123277	Rancho Santa Fe
7/19/12 12:42 PM	N.McConnell	800							2			32.794007	-117.126410	Mission San Diego
7/19/12 1:00 PM	E.Mcowen1	384				1						32.823820	-117.225038	Miramar
7/19/12 2:46 PM	J.Morales	147			5			1.00			100	32.628124	-117.136751	Coronado
7/19/12 2:50 PM	J.Morales	1764		16				2.00			400	32.635033	-117.141355	Coronado
7/19/12 5:16 PM	M.Johnson	317							5			33.167364	-117.187341	Buena
7/19/12 5:18 PM	N.McConnell	4006							9			32.948861	-117.062783	Poway
7/19/12 5:32 PM	N.McConnell	4006							3			32.951189	-117.065201	Poway
7/20/12 4:50 PM	S.Eisele	4003						1.00				32.901069	-117.118667	Miramar Reservoir
7/20/12 4:59 PM	M.Johnson	885							5			33.129828	-117.050946	Escondido
7/20/12 5:08 PM	M. Christian	4010							4			32.843822	-117.006463	Santee
7/20/12 5:11 PM	M. Christian	4010							2			32.841883	-116.998980	Santee
7/20/12 5:25 PM	D.Valdez	4006							6		100	32.945534	-117.066664	Poway
7/20/12 5:26 PM	D.Valdez	4006							3			32.946510	-117.067055	Poway
7/23/12 4:47 PM	N.Marshal	794	0.002									32.780887	-117.110122	Mission San Diego
7/23/12 4:48 PM	N.Marshal	1647	0.0016									32.770560	-117.104296	Mission San Diego
7/23/12 4:49 PM	N.Marshal	4002	0.0016									32.758871	-117.131594	Chollas
7/23/12 4:52 PM	N.Marshal	1641	0.0016									32.759336	-117.097473	Mission San Diego
7/23/12 4:53 PM	N.Marshal	4002	0.0016								10	32.750707	-117.131040	Chollas
7/24/12 12:00 AM	B.Chapin	821		1.5								32.841118	-117.206130	Miramar

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
7/24/12 10:42 AM	B.Chapin	822	1.5									32.840965	-117.207444	Miramar
7/24/12 12:05 PM	K.Sylakowski	4008							0.85			33.030239	-117.268719	San Elijo
7/24/12 12:30 PM	D.Valdez	4006						1.00	0.04			32.945610	-117.067666	Poway
7/24/12 1:44 PM	J.Morales	1764			5			2.00			600	32.635033	-117.141355	Coronado
7/24/12 1:53 PM	S.Simmons	834						3.00				32.790345	-117.014372	Mission San Diego
7/24/12 1:57 PM	D.Valdez	1570							0.45			33.015472	-117.058676	Green
7/24/12 1:59 PM	D.Valdez	589							0.9			33.015653	-117.058335	Green
7/24/12 2:06 PM	N.Munoz	52							0.03		1000	32.745570	-116.991342	La Nacion
7/24/12 2:10 PM	D.Valdez	2062	0.5									32.998811	-117.098048	La Jolla
7/24/12 5:34 PM	M.Johnson	129							3			33.170250	-117.225416	Buena
7/24/12 5:35 PM	M.Johnson	344							0.35			33.166584	-117.224728	Buena
7/24/12 5:41 PM	M.Johnson	1796						30.00	0.75			33.156208	-117.222306	Buena
7/24/12 5:42 PM	M.Johnson	1795							0.003			33.156864	-117.228061	Buena
7/25/12 11:45 AM	J.Haro	2086	2									32.645703	-116.969776	Telegraph
7/25/12 11:56 AM	B.Hernandez	2022						.05	0.0028			32.701336	-116.999125	Jamacha
7/25/12 1:23 PM	D.Valdez	1988							2		4356	32.986909	-117.064763	Poway
7/25/12 2:32 PM	D.Valdez	4003							0.09			32.908671	-117.072086	Miramar Reservoir
7/25/12 2:56 PM	M.Condon	1816							0.29			33.168203	-117.081251	Escondido
7/25/12 3:18 PM	D.Valdez	4003		1								32.904384	-117.076979	Miramar Reservoir
7/25/12 3:20 PM	D.Valdez	4003							0.04			32.903411	-117.081121	Miramar Reservoir
7/25/12 3:21 PM	D.Valdez	4003		2								32.901817	-117.085540	Miramar Reservoir
7/25/12 4:40 PM	S.Eisele	4003	0.1					1.00				32.904944	-117.098482	Miramar Reservoir
7/25/12 4:53 PM	S.Eisele	113	0.25					2.00				32.739259	-116.942813	Jamacha
7/25/12 5:00 PM	K.Sylakowski	4004							80			33.254447	-117.322983	Mission
7/25/12 5:01 PM	K.Sylakowski	1245							14			32.983246	-117.226057	Rancho Santa Fe
7/25/12 5:03 PM	K.Sylakowski	929							60			32.997866	-117.205553	Rancho Santa Fe
7/25/12 5:04 PM	K.Sylakowski	89							6			33.198395	-117.276757	El Salto
7/26/12 9:49 AM	B.Hernandez	1738						0.22	0.017			32.718051	-117.005565	La Nacion
7/26/12 10:29 AM	K.Sylakowski	646							0.88			33.152842	-117.202422	Buena
7/26/12 10:52 AM	D.Valdez	477							0.3		15	32.950070	-117.053501	Poway
7/26/12 11:38 AM	D.Valdez	1357							0.02			33.018935	-117.062874	Green
7/26/12 1:25 PM	D.Valdez	2054							0.4			32.978163	-117.061799	Poway
7/26/12 2:07 PM	M.Condon	1674							0.003			33.237820	-117.145754	Moosa
7/26/12 2:20 PM	N.McConnell	825							15			32.798231	-117.124487	Mission San Diego
7/26/12 3:53 PM	K.Sylakowski	344							0.59			33.166584	-117.224728	Buena
7/26/12 4:01 PM	K.Sylakowski	1194						4.00	2		800	33.160791	-117.244986	Los Monos
7/26/12 5:03 PM	M. Christian	330							1.5			32.858746	-116.916836	Santee
7/26/12 5:19 PM	M. Christian	251							1.5			33.496904	-116.722558	La Nacion
7/27/12 3:19 PM	M. Christian	1075							0.01			32.849147	-116.858987	Coches
7/30/12 12:00 AM	B.Chapin	861							0.5			32.882205	-117.243913	Scripps

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
7/30/12 12:00 AM	B.Chapin	1362							0.5			32.875835	-117.246776	Scripps
7/30/12 12:00 AM	B.Chapin	4003							0.25			32.938914	-117.139051	Miramar Reservoir
7/30/12 11:01 AM	B.Chapin	1362							0.5			32.875835	-117.246776	Scripps
7/30/12 11:03 AM	B.Chapin	861							0.5			32.882205	-117.243913	Scripps
7/30/12 3:18 PM	E.McCowan1	369				1.5						32.796778	-117.228032	Miramar
7/30/12 3:46 PM	B.Chapin	4003							0.25		26136	32.938914	-117.139051	Miramar Reservoir
7/30/12 5:25 PM	N.McConnell	787							0.59			32.790364	-117.031573	Mission San Diego
7/31/12 7:57 AM	K.Sylakowski	4008							50	1	15000	33.003064	-117.275186	San Elijo
7/31/12 8:02 AM	K.Sylakowski	337							10			33.186702	-117.364115	Loma Alta
7/31/12 8:05 AM	K.Sylakowski	4004							10			33.248075	-117.272960	Mission
7/31/12 10:20 AM	B.Chapin	1286	0.25					0.10				32.805589	-117.261883	Scripps
7/31/12 10:44 AM	J.Morales	390		20	2				0.15		10	32.679650	-117.024573	La Nacion
7/31/12 11:34 AM	N.McConnell	787							1			32.790364	-117.031573	Mission San Diego
7/31/12 12:20 PM	J.Morales	160			3			4.00	0.15		50	32.699074	-117.037119	Paradise
8/1/12 10:38 AM	B.Chapin	1978	0.1									32.850104	-117.184900	Miramar
8/1/12 11:37 AM	J.Haro	2025	1								162	32.639850	-117.110953	La Nacion
8/1/12 11:39 AM	J.Haro	62	4								400	32.644406	-117.110289	La Nacion
8/1/12 12:13 PM	B.Chapin	1467	0.1									32.842329	-117.191674	Miramar
8/1/12 1:02 PM	D.Valdez	1569							2			33.009890	-117.027015	Green
8/1/12 1:05 PM	D.Valdez	1101							0.15			33.024954	-117.126998	Rancho Santa Fe
8/1/12 1:30 PM	S.Simmons	802							3			32.802048	-117.133061	Mission San Diego
8/1/12 1:52 PM	D.Valdez	356						2.80	0.09			33.015099	-117.039396	Green
8/1/12 5:10 PM	M.Condon	313							0.02			33.322905	-117.249261	Bonsall
8/2/12 8:00 AM	B.Chapin	123	1									33.014337	-117.048569	Green
8/2/12 9:33 AM	N.Marshal	52	0.011									32.745570	-116.991342	La Nacion
8/2/12 10:25 AM	N.Marshal	2015	0.5						0.4		360	32.769862	-116.927644	Hillsdale
8/2/12 11:39 AM	N.Marshal	1133	0.022						0.04			32.757201	-116.946243	Jamacha
8/2/12 12:02 PM	B.Hernandez	4009		3				0.50			600	32.555854	-117.060315	San Ysidro
8/2/12 12:55 PM	B.Chapin	4011	0.15					1.00				32.823622	-117.195660	Tecolote
8/2/12 12:58 PM	B.Chapin	4011	0.25					3.00				32.818386	-117.195741	Tecolote
8/2/12 1:46 PM	N.Marshal	1305	0.022						0.04		100	32.774137	-117.029370	Mission San Diego
8/2/12 1:49 PM	B.Chapin	4011						1.00	0.1			32.820503	-117.192362	Tecolote
8/2/12 2:28 PM	N.Marshal	1933	0.011						0.02			32.732192	-116.975386	Jamacha
8/2/12 3:23 PM	M.Condon	51							0.0005		200	33.382288	-117.231902	Bonsall
8/2/12 3:27 PM	M.Condon	1432							0.15			33.359963	-117.153283	Bonsall
8/2/12 3:45 PM	N.Marshal	1307	0.002					0.15				32.767146	-117.077379	Mission San Diego
8/2/12 3:54 PM	K.Sylakowski	4006							0.15		10	32.973323	-117.027181	Poway
8/2/12 3:55 PM	K.Sylakowski	4006							0.15			32.973323	-117.027181	Poway
8/2/12 3:56 PM	K.Sylakowski	4001							0.15			33.101158	-117.313069	Batiquitos
8/2/12 4:44 PM	S.Eisele	674	8									32.978889	-117.268730	Rancho Santa Fe

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
8/2/12 4:45 PM	B.Hernandez	4005	0.5									32.572791	-117.071416	Otay Valley
8/2/12 5:19 PM	N.McConnell	4010							7.35		1150	32.842707	-117.005838	Santee
8/3/12 9:08 AM	B.Hernandez	4005							0.59			32.602531	-117.047658	Otay Valley
8/3/12 9:58 AM	B.Hernandez	4009	0.011									32.570734	-117.107753	San Ysidro
8/3/12 10:41 AM	B.Hernandez	4009	0.033						0.15			32.576980	-117.116546	San Ysidro
8/3/12 1:54 PM	B.Hernandez	4005	1.06									32.601308	-117.084172	Otay Valley
8/3/12 3:18 PM	M. Christian	4010							0.3			32.846213	-116.983251	Santee
8/3/12 3:27 PM	J.Haro	2087	2								4	32.647482	-116.969690	Telegraph
8/3/12 3:31 PM	B.Hernandez	5	2.12								500	32.620320	-117.071887	Telegraph
8/3/12 4:03 PM	B.Hernandez	218	0.264					0.22				32.627634	-117.065128	Telegraph
8/6/12 10:39 AM	N.Marshal	1648	0.002						0.0046			32.766106	-117.203885	Mission San Diego
8/6/12 11:18 AM	N.Marshal	1952	0.0011					0.07				32.7646	-117.1897	Lower San Diego
8/6/12 2:38 PM	N.Marshal	1976	0.006								3500	32.775834	-117.108742	Mission San Diego
8/6/12 2:40 PM	N.Marshal	895	0.002						0.0046		250	32.744314	-117.180727	Lindbergh
8/6/12 3:13 PM	N.Marshal	1641	0.002									32.759336	-117.097473	Mission San Diego
8/6/12 3:39 PM	N.Marshal	2066	0.002									32.761184	-117.119438	Mission San Diego
8/6/12 4:53 PM	B.Chapin	1461							1			33.089658	-116.638643	Spencer
8/7/12 7:56 AM	J.Morales	4005			2			0.50				32.584174	-117.104222	Otay Valley
8/7/12 8:00 AM	J.Morales	1764	4					52.00			400	32.635033	-117.141355	Coronado
8/7/12 9:19 AM	N.McConnell	4006	0.07									32.973323	-117.027181	Poway
8/7/12 9:39 AM	D.Valdez	2053							0.45			33.028137	-117.138904	Rancho Santa Fe
8/7/12 9:41 AM	D.Valdez	1406							0.35		8	33.033612	-117.147629	Rancho Santa Fe
8/7/12 9:42 AM	D.Valdez	1417							4			33.027496	-117.147338	Rancho Santa Fe
8/7/12 9:54 AM	B.Chapin	1526	0.1					1.00				32.818755	-117.235001	Scripps
8/7/12 10:00 AM	B.Hernandez	611	2.51									32.623695	-117.020860	Telegraph
8/7/12 10:14 AM	B.Chapin	1527	0.1					1.00				32.798542	-117.233226	Scripps
8/7/12 10:59 AM	B.Hernandez	609	0.05									32.627887	-117.060174	Telegraph
8/7/12 11:54 AM	B.Hernandez	4005	0.264					2.00				32.594587	-117.066755	Otay Valley
8/7/12 2:17 PM	N.McConnell	1127	0.035									32.838419	-116.905372	Coches
8/7/12 3:51 PM	N.McConnell	801	0.035					1.50				32.807098	-117.132161	Mission San Diego
8/8/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
8/8/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
8/8/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe
8/8/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
8/8/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
8/8/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
8/8/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
8/8/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
8/8/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
8/8/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee



**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
8/8/12 9:25 AM	Aerial	4010							6.5	80		32.858746	-116.916836	Santee
8/8/12 9:30 AM	Aerial	4010							5			32.855967	-116.906606	Santee
8/8/12 9:40 AM	Aerial	4010							4			32.842707	-117.005838	Santee
8/8/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
8/8/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
8/8/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
8/8/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee
8/8/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
8/8/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
8/8/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
8/8/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
8/8/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
8/8/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas
8/8/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir
8/8/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
8/8/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
8/8/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe
8/8/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
8/8/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
8/8/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos
8/8/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
8/8/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
8/8/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
8/8/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos
8/8/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
8/8/12 3:45 PM	Aerial	4004							8			33.239106	-117.294150	Mission
8/8/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
8/8/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
8/8/12 4:10 PM	Aerial	2043							13.5			33.320644	-117.162315	Bonsall
8/9/12 10:24 AM	N.McConnell	4006							7			32.948861	-117.062783	Poway
8/9/12 11:18 AM	N.McConnell	4006							2			32.951189	-117.065201	Poway
8/9/12 11:33 AM	B.Hernandez	160	0.17	1				0.50				32.699074	-117.037119	Paradise
8/9/12 12:00 PM	D.Valdez	589							1			33.015653	-117.058335	Green
8/9/12 12:03 PM	D.Valdez	1570							0.9			33.015472	-117.058676	Green
8/9/12 1:18 PM	D.Valdez	4006							4		65	32.965415	-117.040198	Poway
8/9/12 3:10 PM	N.McConnell	477							18		31500	32.950070	-117.053501	Poway
8/9/12 3:26 PM	B.Hernandez	4002		2					0.3		25	32.721659	-117.108660	Chollas
8/9/12 4:41 PM	D.Valdez	4006							0.09			32.935867	-117.061754	Poway
8/9/12 5:37 PM	B.Chapin	963							3		4356	33.340140	-116.901411	Pauma
8/10/12 12:20 PM	J.Morales	909						0.25	0.01		10	32.693919	-117.190638	Coronado

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
8/10/12 12:25 PM	J.Morales	910						0.50			350	32.693609	-117.189910	Coronado
8/10/12 4:30 PM	D.Valdez	4006	4									32.954641	-117.048000	Poway
8/10/12 4:33 PM	D.Valdez	1569							1.5			33.009890	-117.027015	Green
8/10/12 4:52 PM	B.Hernandez	4005		3					2		10	32.612661	-117.055391	Otay Valley
8/10/12 4:56 PM	B.Hernandez	390	1.06	1								32.679650	-117.024573	La Nacion
8/13/12 12:28 PM	N.McConnell	477							28		3000	32.950070	-117.053501	Poway
8/13/12 2:41 PM	N.McConnell	4006							0.75		250	32.954009	-117.063483	Poway
8/13/12 4:17 PM	E.Mcowen1	233							1	9	400	32.786241	-117.196476	Miramar
8/13/12 5:00 PM	N.McConnell	1472							3.5			32.990991	-117.094094	La Jolla
8/14/12 8:35 AM	J.Morales	896		3	2			3.00				32.687713	-117.169105	Coronado
8/14/12 9:35 AM	B.Hernandez	673	0.264	2				1.00	0.15			32.690493	-117.040568	Paradise
8/14/12 10:43 AM	B.Hernandez	4002							0.59			32.724709	-117.034070	Chollas
8/14/12 11:03 AM	N.McConnell	650							6			32.983445	-117.227631	Rancho Santa Fe
8/14/12 11:47 AM	B.Hernandez	4002	0.126	1				2.00			200	32.703855	-117.098942	Chollas
8/14/12 12:26 PM	B.Hernandez	4002							0.15			32.709884	-117.114982	Chollas
8/14/12 2:25 PM	D.Valdez	4006							2			32.954641	-117.048000	Poway
8/14/12 2:49 PM	B.Hernandez	160	0.53	4				1.35	0.29			32.699074	-117.037119	Paradise
8/14/12 3:50 PM	S.Simmons	4004							1			33.276742	-117.246182	Mission
8/14/12 4:00 PM	S.Eisele	4003						2.00				32.905599	-117.102825	Miramar Reservoir
8/14/12 4:13 PM	S.Eisele	4003						2.00				32.904944	-117.098482	Miramar Reservoir
8/14/12 4:15 PM	K.Sylakowski	336	2						1			33.177986	-117.368158	Loma Alta
8/14/12 4:33 PM	D.Valdez	4006									30492	32.925584	-117.038149	Poway
8/14/12 4:43 PM	N.Marshal	1307	0.011						0.02			32.767146	-117.077379	Mission San Diego
8/14/12 4:44 PM	N.Marshal	874	0.002						0.0045		2000	32.767651	-117.082764	Mission San Diego
8/14/12 4:46 PM	N.Marshal	1925	0.022								120	32.774276	-117.056192	Mission San Diego
8/14/12 4:47 PM	N.Marshal	4002	0.006						0.011			32.743911	-117.038248	Chollas
8/14/12 4:48 PM	N.Marshal	4002	0.011						0.02			32.748719	-117.084859	Chollas
8/14/12 4:51 PM	N.McConnell	4010							12			32.854748	-116.934735	Santee
8/15/12 1:36 PM	B.Hernandez	10						1.00			2000	32.692516	-117.187282	Coronado
8/15/12 1:40 PM	B.Hernandez	472							0.15		100	32.686794	-117.190406	Coronado
8/15/12 1:41 PM	D.Valdez	1569							0.4			33.009890	-117.027015	Green
8/15/12 2:13 PM	K.Sylakowski	929							60		40	32.997866	-117.205553	Rancho Santa Fe
8/15/12 2:14 PM	K.Sylakowski	4004							60			33.254447	-117.322983	Mission
8/15/12 2:15 PM	K.Sylakowski	4004							40			33.247399	-117.333508	Mission
8/15/12 2:17 PM	K.Sylakowski	89							10			33.198395	-117.276757	El Salto
8/15/12 3:11 PM	D.Valdez	4006							5		400	32.945534	-117.066664	Poway
8/15/12 3:12 PM	D.Valdez	4006							2			32.946510	-117.067055	Poway
8/15/12 3:13 PM	D.Valdez	4006							0.02			32.945610	-117.067666	Poway
8/15/12 3:21 PM	B.Hernandez	1782							0.59			32.688534	-117.189252	Coronado
8/16/12 9:54 AM	N.McConnell	709	0.0002									32.834286	-117.204695	Miramar

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
8/16/12 3:31 PM	N.McConnell	369							1			32.796778	-117.228032	Miramar
8/16/12 4:11 PM	S.Eisele	556	8									32.977982	-117.179627	Rancho Santa Fe
8/16/12 4:14 PM	S.Eisele	4003	8									32.971792	-117.138653	Miramar Reservoir
8/16/12 4:28 PM	D.Valdez	1756	0.05									33.011267	-117.148304	La Jolla
8/16/12 4:29 PM	D.Valdez	2067							0.09			33.024286	-117.136662	Rancho Santa Fe
8/16/12 4:31 PM	D.Valdez	2062	0.5									32.998811	-117.098048	La Jolla
8/16/12 4:52 PM	M. Christian	251							1.5			33.711612	-116.632135	Santee
8/16/12 5:02 PM	M.Johnson	885									10	33.129828	-117.050946	Escondido
8/16/12 5:03 PM	M.Johnson	885							4		100	33.129828	-117.050946	Escondido
8/17/12 1:30 PM	D.Valdez	1357	0.02									33.018935	-117.062874	Green
8/17/12 4:50 PM	B.Hernandez	1367	1					32.00				32.649372	-117.095260	La Nacion
8/17/12 5:02 PM	B.Hernandez	76	0.264									32.681122	-117.013257	La Nacion
8/17/12 5:12 PM	B.Hernandez	1367	0.264					0.50				32.649372	-117.095260	La Nacion
8/17/12 5:19 PM	M.Johnson	317							7			33.167364	-117.187341	Buena
8/17/12 5:23 PM	M.Johnson	318							5			33.166652	-117.189242	Buena
8/17/12 5:26 PM	M.Johnson	4007							4			33.147563	-117.197621	Richland
8/20/12 12:50 PM	B.Chapin	705		2					1.5			32.849537	-117.223763	Miramar
8/20/12 12:53 PM	B.Chapin	1955	0.5					3.00				32.839550	-117.192081	Miramar
8/20/12 1:48 PM	B.Chapin	4011							1			32.832313	-117.178981	Tecolote
8/20/12 4:26 PM	N.Marshal	1976	0.011									32.775834	-117.108742	Mission San Diego
8/20/12 4:27 PM	N.Marshal	1610	0.0022									32.763329	-117.190872	Mission San Diego
8/20/12 4:29 PM	N.Marshal	1952	0.011									32.7646	-117.1897	Lower San Diego
8/20/12 4:31 PM	N.Marshal	719	0.1					2.90				32.764800	-117.176272	Mission San Diego
8/21/12 9:25 AM	B.Hernandez	4002			7			1.00				32.716516	-117.045578	Chollas
8/21/12 9:51 AM	J.Morales	4002			1							32.709069	-117.072562	Chollas
8/21/12 10:40 AM	B.Chapin	861	0.25					2.00			2	32.882205	-117.243913	Scripps
8/21/12 1:21 PM	B.Chapin	935		2								32.854635	-117.259076	Scripps
8/21/12 1:58 PM	B.Chapin	711							0.25		20	32.839571	-117.268733	Scripps
8/21/12 4:35 PM	B.Hernandez	390	0.126					1.00				32.679650	-117.024573	La Nacion
8/21/12 4:38 PM	B.Hernandez	4009		2								32.544954	-117.045012	San Ysidro
8/21/12 4:44 PM	N.Marshal	52	0.011									32.745570	-116.991342	La Nacion
8/21/12 4:46 PM	N.Marshal	1933	0.09									32.732192	-116.975386	Jamacha
8/21/12 4:46 PM	B.Hernandez	4009	0.126					1.00				32.548686	-117.048904	San Ysidro
8/21/12 4:50 PM	N.Marshal	1133	0.055									32.757201	-116.946243	Jamacha
8/21/12 4:51 PM	B.Hernandez	4002		20				3.00				32.709069	-117.072562	Chollas
8/21/12 5:21 PM	M.Johnson	4008							0.002			33.052038	-117.221847	San Elijo
8/22/12 1:03 PM	B.Chapin	141							1		600	32.965820	-117.267624	Rancho Santa Fe
8/22/12 3:04 PM	M.Condon	376							0.002			33.615799	-117.324088	Richland
8/22/12 3:27 PM	B.Chapin	1638							0.1			32.980432	-117.266912	Rancho Santa Fe
8/22/12 5:08 PM	M. Christian	330							1.5			32.858746	-116.916836	Santee

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
8/23/12 7:42 AM	B.Hernandez	2001	0.264					0.50				32.671794	-116.996116	La Nacion
8/23/12 8:21 AM	B.Hernandez	1511	0.81	6								32.659524	-117.066914	La Nacion
8/23/12 8:32 AM	B.Hernandez	1438						1.50	0.44		400	32.652459	-117.064259	La Nacion
8/23/12 8:38 AM	B.Hernandez	1700	0.88					1.00			200	32.697784	-117.073354	El Toyon
8/23/12 12:06 PM	N.McConnell	4010							0.01			32.844560	-116.987581	Santee
8/23/12 12:39 PM	J.Morales	9						3.00				32.696730	-117.188565	Coronado
8/23/12 12:46 PM	J.Morales	909						1.00				32.693919	-117.190638	Coronado
8/23/12 12:55 PM	J.Morales	910						2.00				32.693609	-117.189910	Coronado
8/23/12 1:35 PM	J.Morales	1781			2							32.686584	-117.193479	Coronado
8/23/12 1:39 PM	J.Morales	1781			2				0.15			32.686584	-117.193479	Coronado
8/23/12 2:13 PM	N.McConnell	4010							2			32.856276	-116.907833	Santee
8/23/12 2:14 PM	B.Chapin	4003							2			32.905599	-117.102825	Miramar Reservoir
8/23/12 2:45 PM	B.Chapin	4003							0.25			32.904944	-117.098482	Miramar Reservoir
8/23/12 3:52 PM	K.Sylakowski	336	2						1.5			33.177986	-117.368158	Loma Alta
8/23/12 3:57 PM	K.Sylakowski	1194						11.00	2		800	33.160791	-117.244986	Los Monos
8/23/12 4:04 PM	K.Sylakowski	191							1.5		300	33.148613	-117.288460	Los Monos
8/23/12 4:07 PM	K.Sylakowski	4008							0.59			33.030239	-117.268719	San Elijo
8/23/12 4:12 PM	K.Sylakowski	4004							0.29			33.229570	-117.319248	Mission
8/23/12 4:14 PM	K.Sylakowski	4008							50			33.003064	-117.275186	San Elijo
8/23/12 4:16 PM	K.Sylakowski	373							10			33.111719	-117.302819	Upper Ysidora
8/23/12 4:17 PM	K.Sylakowski	337							10			33.186702	-117.364115	Loma Alta
8/23/12 4:30 PM	B.Hernandez	1765						1.50	0.44		200	32.676115	-117.172783	Coronado
8/23/12 4:33 PM	B.Hernandez	896						1.00				32.687713	-117.169105	Coronado
8/23/12 4:37 PM	B.Hernandez	1782							0.59			32.688534	-117.189252	Coronado
8/23/12 4:40 PM	B.Hernandez	1783						2.00				32.690558	-117.191743	Coronado
8/23/12 4:43 PM	B.Hernandez	10						1.50				32.692516	-117.187282	Coronado
8/23/12 4:47 PM	B.Hernandez	269							1			32.720066	-117.155009	Lindbergh
8/23/12 5:25 PM	M.Johnson	1985							0.003		300	33.061180	-117.054302	Del Dios
8/23/12 5:27 PM	M.Johnson	1986							0.07			33.066296	-117.057962	Del Dios
8/24/12 12:20 PM	D.Valdez	356						14.00	0.4			33.015099	-117.039396	Green
8/24/12 12:40 PM	J.Morales	926						2.00			25	32.691448	-117.176476	Coronado
8/24/12 2:01 PM	J.Haro	2086	0.5									32.645703	-116.969776	Telegraph
8/24/12 4:16 PM	D.Valdez	1570							2			33.015472	-117.058676	Green
8/24/12 4:19 PM	D.Valdez	589							1			33.015653	-117.058335	Green
8/27/12 11:43 AM	N.McConnell	1607							0.6			32.836284	-116.889508	Coches
8/27/12 12:06 PM	N.McConnell	1009							0.05		600	32.831630	-116.897560	Coches
8/27/12 2:40 PM	B.Hernandez	4002			12							32.709069	-117.072562	Chollas
8/27/12 2:44 PM	B.Hernandez	4002			1						200	32.703855	-117.098942	Chollas
8/27/12 2:50 PM	B.Hernandez	294			5			2.00				32.669443	-117.103050	Paradise
8/28/12 8:33 AM	N.McConnell	314							0.025			32.839182	-116.905039	Coches

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
8/28/12 10:13 AM	B.Chapin	1203							1			32.829899	-117.280569	Scripps
8/28/12 10:39 AM	B.Chapin	1286	0.1					1.00				32.805589	-117.261883	Scripps
8/28/12 10:59 AM	B.Chapin	1082	0.25									32.794675	-117.255080	Scripps
8/28/12 12:21 PM	J.Haro	596	3									32.657424	-117.109448	Paradise
8/28/12 12:53 PM	B.Chapin	82							0.1		96	32.791110	-117.250711	Scripps
8/28/12 12:55 PM	B.Chapin	729							0.25			32.790953	-117.250036	Scripps
8/28/12 1:19 PM	B.Chapin	1201							0.25		300	32.791528	-117.248041	Scripps
8/28/12 1:49 PM	S.Eisele	556	8									32.977982	-117.179627	Rancho Santa Fe
8/28/12 2:00 PM	B.Chapin	1526							0.1			32.818755	-117.235001	Scripps
8/28/12 2:19 PM	M.Condon	1623							0.003		3000	33.170745	-117.084583	Escondido
8/28/12 3:05 PM	B.Chapin	1953							0.01			32.798772	-117.241240	Scripps
8/28/12 3:53 PM	J.Morales	4002			6			4.00			10	32.721659	-117.108660	Chollas
8/28/12 4:08 PM	B.Chapin	369	1.5									32.796778	-117.228032	Miramar
8/29/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
8/29/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
8/29/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe
8/29/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
8/29/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
8/29/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
8/29/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
8/29/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
8/29/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
8/29/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee
8/29/12 9:25 AM	Aerial	330							6.5	80		32.858746	-116.916836	Santee
8/29/12 9:30 AM	Aerial	4010							5	40		32.855967	-116.906606	Santee
8/29/12 9:40 AM	Aerial	4010							4	40		32.842707	-117.005838	Santee
8/29/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
8/29/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
8/29/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
8/29/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee
8/29/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
8/29/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
8/29/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
8/29/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
8/29/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
8/29/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas
8/29/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir
8/29/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
8/29/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
8/29/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
8/29/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
8/29/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
8/29/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos
8/29/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
8/29/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
8/29/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
8/29/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos
8/29/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
8/29/12 3:45 PM	Aerial	4004							8	80		33.239106	-117.294150	Mission
8/29/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
8/29/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
8/29/12 4:10 PM	Aerial	2043							13.5	80		33.320644	-117.162315	Bonsall
8/30/12 9:57 AM	M.Condon	500							0.02			33.164655	-117.084567	Escondido
8/30/12 11:03 AM	D.Valdez	4003							0.18			32.908671	-117.072086	Miramar Reservoir
8/30/12 2:59 PM	R.Salamat	1585							0.034		1000	33.182493	-117.250883	Los Monos
8/31/12 11:37 AM	N.McConnell	4006							4			32.951189	-117.065201	Poway
8/31/12 1:37 PM	N.McConnell	4006							8.8			32.948861	-117.062783	Poway
8/31/12 2:11 PM	N.McConnell	2054							3			32.978163	-117.061799	Poway
8/31/12 4:00 PM	E.Mcowen1	4011							0.25			32.832611	-117.195099	Tecolote
8/31/12 4:01 PM	E.Mcowen1	4011							0.5		1100	32.827915	-117.193177	Tecolote
8/31/12 5:28 PM	M.Johnson	4007							2			33.130552	-117.200253	Richland
09/04/12 01:24PM	M. Christian	4010							2.5			32.854851	-116.975811	Santee
09/04/12 02:11PM	B.Chapin	384							2		50	32.823820	-117.225038	Miramar
09/04/12 04:30PM	N.McConnell	4006	0.059									32.973323	-117.027181	Poway
09/04/12 04:54PM	B.Hernandez	343	0.264					1.00			200	32.630559	-117.095651	La Nacion
09/04/12 04:57PM	B.Hernandez	1850	0.53								100	32.649968	-117.092524	La Nacion
09/04/12 05:01PM	N.Marshal	1307	0.006									32.767146	-117.077379	Mission San Diego
09/04/12 05:03PM	N.Marshal	874	0.022									32.767651	-117.082764	Mission San Diego
09/04/12 05:03PM	B.Hernandez	1063				0.25		1.50				32.649470	-117.087766	La Nacion
09/04/12 05:04PM	N.Marshal	4002	0.006									32.767254	-117.055685	Chollas
09/04/12 05:05PM	B.Hernandez	1369	0.53					2.00		2		32.649704	-117.087395	La Nacion
09/04/12 05:07PM	N.Marshal	1925	0.09									32.774276	-117.056192	Mission San Diego
09/04/12 05:08PM	B.Hernandez	250				0.5		3.00				32.638074	-117.084250	La Nacion
09/04/12 05:08PM	N.Marshal	4002	0.006					0.37				32.743911	-117.038248	Chollas
09/04/12 05:10PM	N.Marshal	4002	0.012					0.70				32.743629	-117.023236	Chollas
09/04/12 05:11PM	N.Marshal	315	0.022									32.740255	-117.008852	La Nacion
09/04/12 05:11PM	B.Hernandez	2026	4					6.00				32.657872	-117.081380	La Nacion
09/04/12 10:14AM	B.Chapin	1080							0.1			32.879490	-117.208375	Miramar
09/05/12 02:32PM	B.Chapin	1384		1					1.5			32.826612	-117.214163	Miramar
09/05/12 03:43PM	B.Chapin	861	0.25									32.882205	-117.243913	Scripps

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
09/05/12 04:01PM	B.Chapin	1362	0.25									32.875835	-117.246776	Scripps
09/05/12 04:41PM	M.Condon	4011							0.07			32.803453	-117.165050	Tecolote
09/05/12 04:42PM	N.Marshal	1589	0.002								200	32.752325	-117.230888	Mission San Diego
09/05/12 04:46PM	B.Hernandez	2095		2	2					3		32.714746	-117.018220	La Nacion
09/05/12 04:49PM	B.Hernandez	4002	0.126	1		0.13		1.00				32.713597	-117.034524	Chollas
09/05/12 10:31AM	N.McConnell	4010							0.75		10	32.846213	-116.983251	Santee
09/05/12 10:48AM	B.Chapin	936		2								32.861794	-117.235655	Miramar
09/05/12 12:01PM	B.Chapin	1356		1					0.25			32.818361	-117.266603	Scripps
09/05/12 12:09PM	N.McConnell	4010							7.1			32.848340	-116.971638	Santee
09/06/12 02:35PM	J.Morales	4009							0.29			32.548686	-117.048904	San Ysidro
09/06/12 04:22PM	D.Valdez	1988							0.9		4356	32.986909	-117.064763	Poway
09/06/12 04:23PM	D.Valdez	477							0.3		150	32.950070	-117.053501	Poway
09/06/12 04:24PM	D.Valdez	477						1.40				32.950070	-117.053501	Poway
09/06/12 04:25PM	D.Valdez	91							0.35			32.975724	-117.033945	Poway
09/06/12 04:28PM	D.Valdez	4006						2.90	0.09			32.948861	-117.062783	Poway
09/06/12 04:38PM	R.Salamat	191							0.59			33.148613	-117.288460	Los Monos
09/06/12 04:54PM	B.Hernandez	673			3	0.25		1.00				32.690493	-117.040568	Paradise
09/06/12 04:57PM	B.Hernandez	76			2							32.681122	-117.013257	La Nacion
09/07/12 02:43PM	J.Morales	1781	0.53									32.686584	-117.193479	Coronado
09/07/12 03:02PM	J.Morales	1765							0.17		400	32.676115	-117.172783	Coronado
09/07/12 04:43PM	B.Hernandez	4002		3		0.13		3.00			4	32.707220	-117.094413	Chollas
09/07/12 08:50AM	J.Haro	4009	25									32.543073	-117.123028	San Ysidro
09/07/12 09:36AM	J.Haro	4004			60							33.231052	-117.248586	Mission
09/10/12 12:23PM	R.Salamat	178							0.88			33.197190	-117.271562	El Salto
09/11/12 03:45PM	S.Eisele	4003	5									32.973462	-117.142521	Miramar Reservoir
09/11/12 09:58AM	B.Chapin	821	1.5									32.841118	-117.206130	Miramar
09/11/12 10:26AM	B.Chapin	1467	0.25									32.842329	-117.191674	Miramar
09/12/12 02:07PM	N.McConnell	4010							24			32.854748	-116.934735	Santee
09/12/12 04:34PM	R.Salamat	4004							25		200	33.254447	-117.322983	Mission
09/12/12 05:01PM	N.Marshal	894	0.002					0.15			35000	32.749086	-117.235497	Mission San Diego
09/12/12 05:04PM	N.Marshal	1648	0.004					0.30				32.766106	-117.203885	Mission San Diego
09/12/12 05:06PM	N.Marshal	1952	0.011									32.7646	-117.1897	Lower San Diego
09/12/12 05:11PM	N.Marshal	895	0.1								800	32.744314	-117.180727	Lindbergh
09/12/12 05:14PM	N.Marshal	585	0.004									32.753209	-117.152513	Mission San Diego
09/12/12 11:54AM	N.McConnell	4010							1.75			32.856276	-116.907833	Santee
09/13/12 01:01PM	J.Haro	4005	0.2									32.621631	-116.970804	Otay Valley
09/13/12 01:02PM	B.Chapin	1750							1			33.010897	-117.146702	La Jolla
09/13/12 01:30PM	N.McConnell	477							8.5			32.950070	-117.053501	Poway
09/13/12 01:53PM	J.Morales	160			1							32.699074	-117.037119	Paradise
09/13/12 02:01PM	B.Chapin	2067							0.75			33.024286	-117.136662	Rancho Santa Fe

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
09/13/12 02:07PM	J.Haro	2090	2									32.659432	-116.978121	La Nacion
09/13/12 02:17PM	B.Chapin	2055							0.1		500	33.027017	-117.123277	Rancho Santa Fe
09/13/12 02:57PM	B.Chapin	2053	2.5									33.028137	-117.138904	Rancho Santa Fe
09/13/12 03:48PM	B.Chapin	1406							3		1000	33.033612	-117.147629	Rancho Santa Fe
09/13/12 07:34AM	N.McConnell	4010							2			32.854851	-116.975811	Santee
09/13/12 10:32AM	B.Chapin	1755							1			33.004685	-117.144864	La Jolla
09/13/12 11:19AM	B.Chapin	1756							2.5			33.011267	-117.148304	La Jolla
09/13/12 12:13PM	N.McConnell	4006							20			32.954641	-117.048000	Poway
09/14/12 04:38PM	D.Valdez	2062	0.18									32.998811	-117.098048	La Jolla
09/14/12 05:01PM	M.Condon	4007							0.017		100	33.156397	-117.123523	Richland
09/14/12 05:04PM	D.Valdez	4006							5			32.946510	-117.067055	Poway
09/14/12 05:06PM	D.Valdez	4006							7		100	32.945534	-117.066664	Poway
09/14/12 11:18AM	M. Christian	251							1.5			34.141027	-116.451289	Santee
09/14/12 11:26AM	M. Christian	300							1.5			33.355735	-117.239994	Bonsall
09/17/12 01:37PM	N.McConnell	1472							0.75			32.990991	-117.094094	La Jolla
09/17/12 02:01PM	R.Salamat	1653						0.50	0.017			33.188362	-117.281193	El Salto
09/17/12 04:43PM	J.Morales	4002	0.5			0.25						32.709069	-117.072562	Chollas
09/17/12 12:48PM	J.Morales	1781			3	0.064						32.686584	-117.193479	Coronado
09/18/12 02:12PM	J.Haro	2025	0.1									32.639850	-117.110953	La Nacion
09/18/12 03:12PM	B.Chapin	706	1.5									32.855159	-117.217970	Miramar
09/18/12 03:27PM	R.Salamat	4004							0.1			33.233542	-117.301760	Mission
09/18/12 04:02PM	B.Chapin	4011							1.5			32.825509	-117.205092	Tecolote
09/18/12 04:07PM	D.Valdez	1570							5			33.015472	-117.058676	Green
09/18/12 04:24PM	D.Valdez	1357	0.05								50	33.018935	-117.062874	Green
09/18/12 04:28PM	D.Valdez	356							0.18			33.015099	-117.039396	Green
09/18/12 04:40PM	D.Valdez	1569							0.18		250	33.009890	-117.027015	Green
09/18/12 04:46PM	M.Johnson	317							4		300	33.167364	-117.187341	Buena
09/18/12 12:42PM	J.Haro	1790	0.01								200	32.650113	-117.066973	La Nacion
09/19/12 01:05PM	B.Chapin	4011							0.5			32.798586	-117.171287	Tecolote
09/19/12 01:24PM	B.Chapin	4011							0.25			32.803453	-117.165050	Tecolote
09/19/12 01:59PM	B.Chapin	1201	0.25					1.00				32.791528	-117.248041	Scripps
09/19/12 02:19PM	B.Chapin	233		1					0.33			32.786241	-117.196476	Miramar
09/19/12 03:33PM	B.Chapin	917							2		25	32.792710	-117.199884	Miramar
09/19/12 03:40PM	D.Valdez	4006	0.01									32.927137	-117.039333	Poway
09/19/12 04:37PM	R.Salamat	89							0.59			33.198395	-117.276757	El Salto
09/19/12 04:42PM	R.Salamat	337							15			33.186702	-117.364115	Loma Alta
09/19/12 04:45PM	R.Salamat	4008							15			33.003064	-117.275186	San Elijo
09/19/12 04:47PM	R.Salamat	398							10			33.208464	-117.278628	Loma Alta
09/19/12 04:49PM	R.Salamat	4008							5			33.051304	-117.228213	San Elijo
09/19/12 04:59PM	M.Johnson	4008							0.02			33.072269	-117.208256	San Elijo



**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
09/19/12 10:02AM	B.Chapin	4011							0.75			32.830306	-117.184224	Tecolote
09/19/12 11:01AM	B.Chapin	4011						1.00	1			32.820503	-117.192362	Tecolote
09/19/12 11:29AM	B.Chapin	4011						1.00				32.832611	-117.195099	Tecolote
09/19/12 11:38AM	E.McCowan1	1483				0.25						32.794071	-117.250982	Scripps
09/19/12 12:44PM	B.Chapin	709							0.5			32.834286	-117.204695	Miramar
09/20/12 01:20PM	D.Valdez	4003		2								32.901817	-117.085540	Miramar Reservoir
09/20/12 01:30PM	D.Valdez	4003		3				2.90				32.903411	-117.081121	Miramar Reservoir
09/20/12 01:38PM	B.Chapin	1009									150	32.831630	-116.897560	Coches
09/20/12 02:10PM	B.Chapin	1012		2					0.25		150	32.831004	-116.896462	Coches
09/20/12 04:50PM	D.Valdez	4003		2								32.903411	-117.081121	Miramar Reservoir
09/20/12 04:57PM	M.Johnson	4007				0.25						33.128263	-117.205160	Richland
09/20/12 05:02PM	M.Johnson	4007				3						33.130552	-117.200253	Richland
09/20/12 05:09PM	M.Johnson	428				0.015						32.550722	-116.932997	Richland
09/20/12 05:11PM	N.McConnell	1734							1.5			32.837885	-116.800128	Alpine
09/20/12 08:27AM	N.McConnell	801		2				5.00				32.807098	-117.132161	Mission San Diego
09/20/12 08:32AM	N.McConnell	4006	3.2	13							65	32.965415	-117.040198	Poway
09/20/12 09:08AM	N.McConnell	4010							2			32.842707	-117.005838	Santee
09/20/12 09:12AM	N.McConnell	4010							2			32.842361	-117.009901	Santee
09/20/12 10:37AM	B.Chapin	1127							0.25			32.838419	-116.905372	Coches
09/20/12 11:13AM	B.Chapin	1206	1									32.836273	-116.900554	Coches
09/21/12 03:04PM	S.Eisele	4003						5.00				32.901069	-117.118667	Miramar Reservoir
09/21/12 03:08PM	S.Eisele	4003						5.00			50	32.904944	-117.098482	Miramar Reservoir
09/24/12 03:33PM	E.McCowan1	1200				0.1					1100	32.791667	-117.246090	Scripps
09/24/12 03:34PM	E.McCowan1	1201				0.1						32.791528	-117.248041	Scripps
09/24/12 03:35PM	E.McCowan1	1202				0.1						32.791369	-117.244134	Scripps
09/24/12 03:38PM	E.McCowan1	82				0.25					96	32.791110	-117.250711	Scripps
09/24/12 03:39PM	E.McCowan1	729				0.1						32.790953	-117.250036	Scripps
09/25/12 03:13PM	D.Valdez	45						6.00	0.27		1000	33.001302	-117.106350	La Jolla
09/25/12 03:14PM	D.Valdez	477		2								32.950070	-117.053501	Poway
09/25/12 03:29PM	N.Marshal	1307	0.002									32.767146	-117.077379	Mission San Diego
09/25/12 03:31PM	N.Marshal	874	0.0017									32.767651	-117.082764	Mission San Diego
09/25/12 03:33PM	N.Marshal	1925	0.25					14.00				32.774276	-117.056192	Mission San Diego
09/25/12 03:35PM	N.Marshal	1746	0.014									32.763993	-116.919242	Hillsdale
09/25/12 03:37PM	N.Marshal	1133	0.011									32.757201	-116.946243	Jamacha
09/25/12 03:42PM	N.Marshal	1933	0.022					1.40				32.732192	-116.975386	Jamacha
09/25/12 03:44PM	N.Marshal	4002	0.0017									32.743629	-117.023236	Chollas
09/25/12 04:42PM	B.Hernandez	1967		2				2.00				32.720049	-117.165920	Lindbergh
9/26/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
9/26/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
9/26/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
9/26/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
9/26/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
9/26/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
9/26/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
9/26/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
9/26/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
9/26/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee
9/26/12 9:25 AM	Aerial	4010							6.5	80		32.858746	-116.916836	Santee
9/26/12 9:30 AM	Aerial	4010							5	40		32.855967	-116.906606	Santee
9/26/12 9:40 AM	Aerial	4010							4	40		32.842707	-117.005838	Santee
9/26/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
9/26/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
9/26/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
9/26/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee
9/26/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
9/26/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
9/26/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
9/26/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
9/26/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
9/26/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas
9/26/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir
9/26/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
9/26/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
9/26/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe
9/26/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
9/26/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
9/26/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos
9/26/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
9/26/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
9/26/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
9/26/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos
9/26/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
9/26/12 3:45 PM	Aerial	4004							8	80		33.239106	-117.294150	Mission
9/26/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
9/26/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
9/26/12 4:10 PM	Aerial	2043							13.5	80		33.320644	-117.162315	Bonsall
09/27/12 02:14PM	S.Simmons	801						1.00				32.807098	-117.132161	Mission San Diego
09/27/12 04:55PM	M.Johnson	4008				0.015						33.052038	-117.221847	San Elijo
09/27/12 12:37PM	N.Munoz	1414						1.40			3000	32.771719	-116.912553	Hillsdale
09/28/12 02:05PM	D.Valdez	4006							0.18			32.949315	-117.052050	Poway

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
09/28/12 02:07PM	D.Valdez	4006	0.02									32.962098	-117.041446	Poway
09/28/12 03:30PM	M.Johnson	150				0.06					10	33.123675	-117.129498	Escondido
09/28/12 11:17AM	D.Valdez	2055						5.00	0.18			33.027017	-117.123277	Rancho Santa Fe
10/1/12 2:00 PM	E.McCowan1	369	0.5						1			32.796778	-117.228032	Miramar
10/1/12 5:22 PM	E.McCowan1	449							0.1			32.796050	-117.229999	Scripps
10/2/12 5:03 PM	M. Christian	4010							3			32.854851	-116.975811	Santee
10/2/12 5:09 PM	M. Christian	4010							0.3			32.846213	-116.983251	Santee
10/3/12 11:43 AM	R.Salamat	4004						1.00	0.15			33.254447	-117.322983	Mission
10/3/12 1:42 PM	B.Chapin	1286							0.1			32.805589	-117.261883	Scripps
10/3/12 2:46 PM	N.McConnell	4010							9.6		100	32.848340	-116.971638	Santee
10/3/12 2:49 PM	N.McConnell	4010							1			32.846546	-116.969172	Santee
10/3/12 3:27 PM	B.Chapin	817	0.1								50	32.869556	-117.245624	Scripps
10/4/12 1:35 PM	N.McConnell	1453						830.00			400	32.882390	-116.872116	El Monte
10/4/12 2:12 PM	M.Condon	1117							0.59		800	33.161545	-117.088756	Escondido
10/4/12 5:21 PM	R.Salamat	1194						2.00	1.5		1100	33.160791	-117.244986	Los Monos
10/5/12 11:37 AM	D.Valdez	2072	0.02									33.003871	-117.049374	Green
10/5/12 2:23 PM	M.Condon	1674							0.006			33.237820	-117.145754	Moosa
10/5/12 3:02 PM	E.McCowan1	1527							0.25			32.798542	-117.233226	Scripps
10/5/12 3:03 PM	E.McCowan1	1479							0.1			32.792481	-117.239484	Scripps
10/5/12 5:27 PM	M.Johnson	4007							0.15		400	33.140000	-117.202939	Richland
10/8/12 12:47 PM	E.McCowan1	233							1			32.786241	-117.196476	Miramar
10/8/12 2:27 PM	E.McCowan1	368	0.5						0.5		5	32.801794	-117.216118	Miramar
10/8/12 3:12 PM	E.McCowan1	1082		1								32.794675	-117.255080	Scripps
10/8/12 3:45 PM	N.Marshal	1133	0.02									32.757201	-116.946243	Jamacha
10/8/12 3:47 PM	N.Marshal	184						0.07				32.768071	-117.056402	Mission San Diego
10/8/12 3:50 PM	N.Marshal	1925						0.02			200	32.774276	-117.056192	Mission San Diego
10/9/12 6:27 AM	M.Johnson	4007							0.15		100	33.140000	-117.202939	Richland
10/9/12 7:27 AM	M.Johnson	4007							0.15			33.140000	-117.202939	Richland
10/9/12 3:54 PM	S.Simmons	4010						0.50				32.815687	-117.009896	Santee
10/9/12 4:11 PM	M.Johnson	1796				0.5					162	33.156208	-117.222306	Buena
10/9/12 4:53 PM	N.Marshal	2008	0.002								800	32.752610	-117.182782	Mission San Diego
10/9/12 4:55 PM	N.Marshal	895						0.37	0.011		10	32.744314	-117.180727	Lindbergh
10/9/12 4:55 PM	N.McConnell	4010							10			32.854748	-116.934735	Santee
10/9/12 5:00 PM	N.Marshal	804	0.002									32.773832	-117.134626	Mission San Diego
10/9/12 5:10 PM	N.McConnell	4006							7.5			32.948861	-117.062783	Poway
10/9/12 5:16 PM	N.McConnell	4006							4		120	32.951189	-117.065201	Poway
10/10/12 10:03 AM	B.Chapin	4011		2								32.832313	-117.178981	Tecolote
10/10/12 2:26 PM	B.Chapin	1978		1				1.00				32.850104	-117.184900	Miramar
10/10/12 4:35 PM	N.Marshal	1401						0.02			8	32.759592	-117.117884	Mission San Diego
10/10/12 4:37 PM	N.Marshal	1415						0.04				32.759861	-117.118387	Mission San Diego

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
10/10/12 4:37 PM	B.Hernandez	4005			2							32.609178	-117.028578	Otay Valley
10/10/12 4:39 PM	N.Marshal	4002	0.002									32.758987	-117.131940	Chollas
10/10/12 4:47 PM	B.Hernandez	4005			1			0.50			600	32.591751	-117.076196	Otay Valley
10/11/12 9:07 AM	M.Condon	4007							0.002		500	33.163450	-117.119531	Richland
10/11/12 12:43 PM	M.Condon	313							0.02			33.322905	-117.249261	Bonsall
10/11/12 1:41 PM	D.Valdez	1756	0.09									33.011267	-117.148304	La Jolla
10/11/12 1:46 PM	D.Valdez	1755	0.14									33.004685	-117.144864	La Jolla
10/15/12 8:19 AM	M. Christian	251							1.5			33.926320	-116.541712	La Nacion
10/15/12 9:31 AM	M. Christian	300							1.5			33.355735	-117.239994	Bonsall
10/16/12 10:27 AM	N.McConnell	4010							0.25			32.856276	-116.907833	Santee
10/16/12 11:21 AM	N.McConnell	340							0.5		400	32.833636	-116.906114	Coches
10/16/12 11:46 AM	J.Haro	2086	1.5									32.645703	-116.969776	Telegraph
10/16/12 12:56 PM	J.Haro	2088							0.35			32.659865	-116.975474	La Nacion
10/16/12 1:12 PM	D.Valdez	45							0.18			33.001302	-117.106350	La Jolla
10/16/12 1:56 PM	J.Haro	2090	2									32.659432	-116.978121	La Nacion
10/16/12 2:14 PM	D.Valdez	1472							0.27			32.990991	-117.094094	La Jolla
10/16/12 2:36 PM	S.Eisele	4003						2.00			56	32.904944	-117.098482	Miramar Reservoir
10/16/12 3:16 PM	D.Valdez	1357	0.01								200	33.018935	-117.062874	Green
10/16/12 4:02 PM	M.Johnson	4008				0.003						33.072269	-117.208256	San Elijo
10/16/12 4:07 PM	M.Johnson	1344				0.03						33.233542	-117.301760	Mission
10/16/12 4:10 PM	M.Johnson	4008				0.025						33.052832	-117.226050	San Elijo
10/16/12 4:13 PM	M.Johnson	4008				0.5						33.052038	-117.221847	San Elijo
10/16/12 4:42 PM	M.Condon	4011						0.15	0.15			32.803453	-117.165050	Tecolote
10/16/12 4:47 PM	B.Hernandez	2034				0.064						32.718530	-117.004558	La Nacion
10/16/12 4:49 PM	B.Hernandez	4002		2				1.00				32.717046	-117.026654	Chollas
10/17/12 5:02 AM	M.Johnson	4008				0.003					800	33.072269	-117.208256	San Elijo
10/17/12 5:07 AM	M.Johnson	1344				0.03						33.233542	-117.301760	Mission
10/17/12 5:10 AM	M.Johnson	4008				0.025						33.052832	-117.226050	San Elijo
10/17/12 5:13 AM	M.Johnson	4008				0.5						33.052038	-117.221847	San Elijo
10/17/12 6:02 AM	M.Johnson	4008				0.003					40	33.072269	-117.208256	San Elijo
10/17/12 6:07 AM	M.Johnson	1344				0.03						33.233542	-117.301760	Mission
10/17/12 6:10 AM	M.Johnson	4008				0.025						33.052832	-117.226050	San Elijo
10/17/12 6:13 AM	M.Johnson	4008				0.5						33.052038	-117.221847	San Elijo
10/17/12 7:02 AM	M.Johnson	4008				0.003						33.072269	-117.208256	San Elijo
10/17/12 7:07 AM	M.Johnson	1344				0.03					10	33.233542	-117.301760	Mission
10/17/12 9:45 AM	D.Valdez	2062	0.22									32.998811	-117.098048	La Jolla
10/17/12 11:49 AM	B.Chapin	1190	0.25								800	32.876926	-117.221965	Miramar
10/17/12 1:35 PM	B.Chapin	1362	0.15									32.875835	-117.246776	Scripps
10/17/12 4:59 PM	N.Munoz	4002						0.07			38	32.767254	-117.055685	Chollas
10/17/12 5:02 PM	M.Johnson	317				2						33.167364	-117.187341	Buena

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
10/17/12 5:10 PM	M.Johnson	426				0.25					300	33.627027	-117.363774	La Nacion
10/17/12 5:15 PM	D.Valdez	589							1.3			33.015653	-117.058335	Green
10/18/12 1:40 PM	N.Munoz	1414						1.40				32.771719	-116.912553	Hillsdale
10/18/12 4:59 PM	D.Valdez	45							1.5		4000	33.001302	-117.106350	La Jolla
10/19/12 12:32 PM	J.Morales	4002		81	4	1		128.00				32.696796	-117.104254	Chollas
10/19/12 1:32 PM	J.Morales	4002		0	4	1		0.00				32.696796	-117.104254	Chollas
10/22/12 4:58 PM	N.McConnell	314							0.05			32.839182	-116.905039	Coches
10/23/12 11:10 AM	N.McConnell	1460							0.2			32.839068	-116.894434	Coches
10/23/12 2:07 PM	D.Valdez	1569							0.45			33.009890	-117.027015	Green
10/23/12 2:57 PM	D.Valdez	4006							0.09			32.973323	-117.027181	Poway
10/24/12 8:00 AM	Aerial	295							10.5	120		33.077597	-117.061912	Del Dios
10/24/12 8:10 AM	Aerial	1111							5.3	40		33.037799	-117.070306	Green
10/24/12 8:15 AM	Aerial	1521							7	80		33.024726	-117.122269	Rancho Santa Fe
10/24/12 8:20 AM	Aerial	1101							7	80		33.024954	-117.126998	Rancho Santa Fe
10/24/12 8:23 AM	Aerial	1417							2	20		33.027496	-117.147338	Rancho Santa Fe
10/24/12 8:25 AM	Aerial	108							4	40		33.042012	-117.155915	Rancho Santa Fe
10/24/12 8:30 AM	Aerial	239							6	60		32.744438	-116.994948	La Nacion
10/24/12 8:35 AM	Aerial	107							5.5	40		32.999497	-117.102242	La Jolla
10/24/12 9:05 AM	Aerial	4006							16	160		32.945701	-117.101395	Poway
10/24/12 9:20 AM	Aerial	4010							12	120		32.872585	-116.917205	Santee
10/24/12 9:25 AM	Aerial	4010							6.5	80		32.858746	-116.916836	Santee
10/24/12 9:30 AM	Aerial	4010							5	40		32.855967	-116.906606	Santee
10/24/12 9:40 AM	Aerial	4010							4	40		32.842707	-117.005838	Santee
10/24/12 10:00 AM	Aerial	4010							65	640		32.857304	-116.943013	Santee
10/24/12 10:30 AM	Aerial	4010							3	40		32.847421	-116.969879	Santee
10/24/12 10:40 AM	Aerial	4010							20	240		32.849936	-117.007176	Santee
10/24/12 10:50 AM	Aerial	4010							23	240		32.841394	-117.033009	Santee
10/24/12 11:05 AM	Aerial	869							7.5	80		32.789759	-117.103102	Mission San Diego
10/24/12 11:10 AM	Aerial	804							7	80		32.773832	-117.134626	Mission San Diego
10/24/12 11:25 AM	Aerial	4005							4	40		32.665676	-116.955044	Otay Valley
10/24/12 12:00 PM	Aerial	1996							20	1040		32.721037	-117.166019	Lindbergh
10/24/12 1:00 PM	Aerial	4009							8.75	80		32.551282	-117.052962	San Ysidro
10/24/12 1:05 PM	Aerial	4002							43.5	440		32.751316	-117.086464	Chollas
10/24/12 1:15 PM	Aerial	4003							17	160		32.943242	-117.214663	Miramar Reservoir
10/24/12 1:20 PM	Aerial	4003							70	720		32.931208	-117.250083	Miramar Reservoir
10/24/12 1:35 PM	Aerial	525							66.2	640		32.979838	-117.217987	Rancho Santa Fe
10/24/12 1:40 PM	Aerial	165							25.5	240		32.965429	-117.245415	Rancho Santa Fe
10/24/12 1:55 PM	Aerial	4008							60	800		33.010699	-117.246225	San Elijo
10/24/12 2:00 PM	Aerial	4001							15	320		33.067042	-117.261684	Batiquitos
10/24/12 2:25 PM	Aerial	1069							27	280		33.147046	-117.302938	Los Monos

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
10/24/12 2:33 PM	Aerial	1109							6.5	80		33.147560	-117.294717	Los Monos
10/24/12 2:37 PM	S.Simmons	787				3						32.790364	-117.031573	Mission San Diego
10/24/12 2:50 PM	Aerial	95							120	1200		33.171421	-117.352031	El Salto
10/24/12 3:10 PM	Aerial	4004							30	320		33.205463	-117.386334	Mission
10/24/12 3:20 PM	Aerial	4001							14.7	160		33.132866	-117.212306	Batiquitos
10/24/12 3:30 PM	Aerial	4004							27	280		33.260929	-117.311665	Mission
10/24/12 3:45 PM	Aerial	4004							8	80		33.239106	-117.294150	Mission
10/24/12 3:50 PM	Aerial	4004							9	80		33.231804	-117.252774	Mission
10/24/12 3:54 PM	Aerial	4004							40	400		33.245071	-117.278004	Mission
10/24/12 3:55 PM	M.Johnson	1801				0.01						33.185974	-117.197529	Buena
10/24/12 4:10 PM	Aerial	2043							13.5	80		33.320644	-117.162315	Bonsall
10/24/12 5:02 PM	J.Morales	4002		30								32.709069	-117.072562	Chollas
10/25/12 3:39 PM	M.Condon	1689							0.002		100	33.180862	-117.108382	Escondido
10/26/12 12:31 PM	D.Valdez	1988							0.18			32.986909	-117.064763	Poway
10/26/12 3:13 PM	D.Valdez	1406	0.14									33.033612	-117.147629	Rancho Santa Fe
10/26/12 3:15 PM	D.Valdez	2053							0.18			33.028137	-117.138904	Rancho Santa Fe
10/26/12 3:16 PM	D.Valdez	2055	0.05									33.027017	-117.123277	Rancho Santa Fe
10/26/12 3:17 PM	D.Valdez	2067							0.18			33.024286	-117.136662	Rancho Santa Fe
10/30/12 12:42 PM	J.Haro	1790	0.001								1000	32.650113	-117.066973	La Nacion
10/30/12 2:00 PM	D.Valdez	4006							0.09		200	32.948861	-117.062783	Poway
10/30/12 4:21 PM	N.Munoz	1305							0.04			32.774137	-117.029370	Mission San Diego
10/31/12 11:20 AM	D.Valdez	1521							0.09			33.024726	-117.122269	Rancho Santa Fe
10/31/12 11:33 AM	N.Munoz	1937							0.0055			32.750506	-117.013568	La Nacion
10/31/12 12:15 PM	D.Valdez	356							0.3			33.015099	-117.039396	Green
10/31/12 2:21 PM	J.Haro	2026	1								250	32.657872	-117.081380	La Nacion
10/31/12 4:13 PM	M.Johnson	150				0.33					200	33.123675	-117.129498	Escondido
11/01/12 11:08AM	D.Valdez	4006						10.00	0.3			32.945610	-117.067666	Poway
11/01/12 11:26AM	D.Valdez	4006	0.02									32.956281	-117.012780	Poway
11/02/12 04:17PM	J.Morales	9						0.88				32.696730	-117.188565	Coronado
11/02/12 04:18PM	8584019487	1783						1.90				32.690558	-117.191743	Coronado
11/02/12 04:19PM	8584019487	910						1.90				32.693609	-117.189910	Coronado
11/02/12 04:21PM	J.Morales	12						0.50				32.689317	-117.188298	Coronado
11/02/12 04:23PM	8584019487	1144						0.66			12000	32.683384	-117.183122	Coronado
11/02/12 04:26PM	D.Valdez	4006						8.00	0.27			32.925584	-117.038149	Poway
11/02/12 04:28PM	M.Johnson	1796				0.5					162	33.156208	-117.222306	Buena
11/02/12 04:34PM	M.Johnson	129				0.25						33.170250	-117.225416	Buena
11/02/12 11:55AM	D.Valdez	4006							5			32.945534	-117.066664	Poway
11/06/12 03:31PM	M.Condon	1325							0.1		250	33.219825	-117.224607	Vista
11/06/12 04:29PM	M.Johnson	1514				0.06					100	33.183368	-117.178684	Buena
11/06/12 04:48PM	M.Johnson	4007				0.33						33.146395	-117.181948	Richland

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
11/07/12 10:04AM	M.Condon	1428						0.01			400	33.282969	-117.218167	Bonsall
11/07/12 10:56AM	M.Condon	1674							0.006		100	33.237820	-117.145754	Moosa
11/08/12 06:04PM	M.Johnson	4007				0.03		1.00				33.140000	-117.202939	Richland
11/13/12 02:30PM	J.Morales	390		3				2.00				32.679650	-117.024573	La Nacion
11/13/12 03:44PM	N.Munoz	874							0.0033			32.767651	-117.082764	Mission San Diego
11/13/12 11:43AM	D.Valdez	2055							0.09		100	33.027017	-117.123277	Rancho Santa Fe
11/13/12 11:46AM	D.Valdez	1755	0.02									33.004685	-117.144864	La Jolla
11/13/12 12:06PM	D.Valdez	2067							0.09		600	33.024286	-117.136662	Rancho Santa Fe
11/16/12 02:27PM	D.Valdez	4003		2								32.904384	-117.076979	Miramar Reservoir
11/16/12 02:29PM	D.Valdez	4003							0.09			32.903411	-117.081121	Miramar Reservoir
11/16/12 02:30PM	D.Valdez	1521							0.18			33.024726	-117.122269	Rancho Santa Fe
11/16/12 12:29PM	J.Morales	9						0.66			200	32.696730	-117.188565	Coronado
11/16/12 12:29PM	8584019487	909						0.50				32.693919	-117.190638	Coronado
11/16/12 12:30PM	8584019487	910						0.88				32.693609	-117.189910	Coronado
11/16/12 12:31PM	B.Hernandez	10						0.88		1		32.692516	-117.187282	Coronado
11/16/12 12:33PM	8584019487	1783						1.80				32.690558	-117.191743	Coronado
11/16/12 12:34PM	8584019487	1144						2.90			12000	32.683384	-117.183122	Coronado
11/16/12 12:34PM	8584019487	1782						0.50				32.688534	-117.189252	Coronado
11/16/12 12:36PM	8584019487	896						0.50			200	32.687713	-117.169105	Coronado
11/21/12 1:00 PM	E.Mccowen	449				0.05					120	32.796050	-117.229999	Scripps
11/21/12 1:00 PM	E.Mccowen	449				0.05					120	32.796050	-117.229999	Scripps
11/21/12 1:20 PM	E.Mccowen	941				0.06					150	32.791890	-117.231606	Scripps
11/21/12 1:20 PM	E.Mccowen	941				0.06					150	32.791890	-117.231606	Scripps
11/21/12 1:55 PM	E.Mccowen	366				0.02					50	33.177986	-117.368158	Loma Alta
11/21/12 1:55 PM	E.Mccowen	366				0.02					50	33.177986	-117.368158	Loma Alta
11/21/12 2:30 PM	E.Mccowen	369				0.02					50	32.839948	-116.913392	Coches
11/21/12 2:30 PM	E.Mccowen	369				0.02					50	32.839948	-116.913392	Coches
11/21/12 2:50 PM	E.Mccowen	952				0.01					25	32.799793	-117.225943	Miramar
11/21/12 2:50 PM	E.Mccowen	952				0.01					25	32.799793	-117.225943	Miramar
11/21/12 3:30 PM	E.Mccowen	233				0.08					200	32.786241	-117.196476	Miramar
11/21/12 3:30 PM	E.Mccowen	233				0.08					200	32.786241	-117.196476	Miramar
11/28/12 12:01 PM	M.Taylor	1353				0.175					500	32.948702	-117.069282	Poway
11/28/12 12:01 PM	M.Taylor	1353				0.175					500	32.948702	-117.069282	Poway
11/28/12 12:20 PM	M.Taylor	2020				0.008					20	32.943820	-117.058186	Poway
11/28/12 12:20 PM	M.Taylor	2020				0.008					20	32.943820	-117.058186	Poway
11/28/12 12:37 PM	M.Taylor	2074				0.175					400	32.945610	-117.067666	Poway
11/28/12 12:37 PM	M.Taylor	4006				0.175					400	32.945610	-117.067666	Poway
11/28/12 1:07 PM	M.Taylor	477				0.004					10	32.950070	-117.053501	Poway
11/28/12 1:16 PM	M.Taylor	1988				0.015					50	32.986909	-117.064763	Poway
11/28/12 2:12 PM	M.Taylor	2054				0.015					50	32.978163	-117.061799	Poway

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
11/28/12 2:12 PM	M.Taylor	2054				0.015					50	32.978163	-117.061799	Poway
11/29/12 03:00PM	N.Munoz	1327							0.017			32.766328	-117.067736	Mission San Diego
11/30/12 04:24PM	M.Johnson	150				0.003					75	33.123675	-117.129498	Escondido
11/30/12 04:29PM	M.Johnson	1344				0.25						33.233542	-117.301760	Mission
11/30/12 04:32PM	M.Johnson	150				0.003					1000	33.123675	-117.129498	Escondido



**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
11/06/12 04:29PM	M.Johnson	1514				0.06					100	33.183368	-117.178684	Buena
11/06/12 04:48PM	M.Johnson	4007				0.33						33.146395	-117.181948	Richland
11/07/12 10:04AM	M.Condon	1428						0.01			400	33.282969	-117.218167	Bonsall
11/07/12 10:56AM	M.Condon	1674							0.006		100	33.237820	-117.145754	Moosa
11/08/12 06:04PM	M.Johnson	4007				0.03		1.00				33.140000	-117.202939	Richland
11/13/12 02:30PM	J.Morales	390		3				2.00				32.679650	-117.024573	La Nacion
11/13/12 03:44PM	N.Munoz	874							0.0033			32.767651	-117.082764	Mission San Diego
11/13/12 11:43AM	D.Valdez	2055							0.09		100	33.027017	-117.123277	Rancho Santa Fe
11/13/12 11:46AM	D.Valdez	1755	0.02									33.004685	-117.144864	La Jolla
11/13/12 12:06PM	D.Valdez	2067							0.09		600	33.024286	-117.136662	Rancho Santa Fe
11/16/12 02:27PM	D.Valdez	4003		2								32.904384	-117.076979	Miramar Reservoir
11/16/12 02:29PM	D.Valdez	4003							0.09			32.903411	-117.081121	Miramar Reservoir
11/16/12 02:30PM	D.Valdez	1521							0.18			33.024726	-117.122269	Rancho Santa Fe
11/16/12 12:29PM	J.Morales	9						0.66			200	32.696730	-117.188565	Coronado
11/16/12 12:29PM	8584019487	909						0.50				32.693919	-117.190638	Coronado
11/16/12 12:30PM	8584019487	910						0.88				32.693609	-117.189910	Coronado
11/16/12 12:31PM	B.Hernandez	10						0.88		1		32.692516	-117.187282	Coronado
11/16/12 12:33PM	8584019487	1783						1.80				32.690558	-117.191743	Coronado
11/16/12 12:34PM	8584019487	1144						2.90			12000	32.683384	-117.183122	Coronado
11/16/12 12:34PM	8584019487	1782						0.50				32.688534	-117.189252	Coronado
11/16/12 12:36PM	8584019487	896						0.50			200	32.687713	-117.169105	Coronado
11/21/12 1:00 PM	E.Mccowen	449				0.05					120	32.796050	-117.229999	Scripps
11/21/12 1:00 PM	E.Mccowen	449				0.05					120	32.796050	-117.229999	Scripps
11/21/12 1:20 PM	E.Mccowen	941				0.06					150	32.791890	-117.231606	Scripps
11/21/12 1:20 PM	E.Mccowen	941				0.06					150	32.791890	-117.231606	Scripps
11/21/12 1:55 PM	E.Mccowen	366				0.02					50	33.177986	-117.368158	Loma Alta
11/21/12 1:55 PM	E.Mccowen	366				0.02					50	33.177986	-117.368158	Loma Alta
11/21/12 2:30 PM	E.Mccowen	369				0.02					50	32.839948	-116.913392	Coches
11/21/12 2:30 PM	E.Mccowen	369				0.02					50	32.839948	-116.913392	Coches
11/21/12 2:50 PM	E.Mccowen	952				0.01					25	32.799793	-117.225943	Miramar
11/21/12 2:50 PM	E.Mccowen	952				0.01					25	32.799793	-117.225943	Miramar
11/21/12 3:30 PM	E.Mccowen	233				0.08					200	32.786241	-117.196476	Miramar
11/21/12 3:30 PM	E.Mccowen	233				0.08					200	32.786241	-117.196476	Miramar
11/28/12 12:01 PM	M.Taylor	1353				0.175					500	32.948702	-117.069282	Poway
11/28/12 12:01 PM	M.Taylor	1353				0.175					500	32.948702	-117.069282	Poway
11/28/12 12:20 PM	M.Taylor	2020				0.008					20	32.943820	-117.058186	Poway
11/28/12 12:20 PM	M.Taylor	2020				0.008					20	32.943820	-117.058186	Poway
11/28/12 12:37 PM	M.Taylor	2074				0.175					400	32.945610	-117.067666	Poway
11/28/12 12:37 PM	M.Taylor	4006				0.175					400	32.945610	-117.067666	Poway
11/28/12 1:07 PM	M.Taylor	477				0.004					10	32.950070	-117.053501	Poway

**San Diego County Vector Control Program  
Pesticide Application Log**

Time	Device	Site Number	Altosid Pellets (lb)	Altosid XR-30 (ea)	Altosid XR-150 (ea)	Aquabac (lb)	Dunks (ea)	GB1111 (oz)	VectoMax (lb)	Treatment Area (ac)	Treatment Area (ft)	Latitude	Longitude	Hydrologic Subarea
11/28/12 1:16 PM	M.Taylor	1988				0.015					50	32.986909	-117.064763	Poway
11/28/12 2:12 PM	M.Taylor	2054				0.015					50	32.978163	-117.061799	Poway
11/28/12 2:12 PM	M.Taylor	2054				0.015					50	32.978163	-117.061799	Poway
11/29/12 03:00PM	N.Munoz	1327							0.017			32.766328	-117.067736	Mission San Diego
11/30/12 04:24PM	M.Johnson	150				0.003					75	33.123675	-117.129498	Escondido
11/30/12 04:29PM	M.Johnson	1344				0.25						33.233542	-117.301760	Mission
11/30/12 04:32PM	M.Johnson	150				0.003					1000	33.123675	-117.129498	Escondido

**Attachment 5**

**Addendum 2  
County of San Diego  
Department of Environmental Health  
Vector Control Program  
Pesticide Application Plan  
February 27, 2013**



**Addendum 2**

**County of San Diego, Department of Environmental Health, Vector Control Program**

**Pesticide Application Plan**

**February 27, 2013**

In addition to what was identified in PAP Item 3, the VCP may use the following product for larval control:

<b>Larvicide Product Name</b>	<b>Manufacturer Name</b>	<b>Active Ingredient</b>	<b>EPA Registration No.</b>
MetaLarv™ S-PT	Valent-BioSciences	Methoprene	73049-475

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
3/7/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	3/7/2012	2:34 PM	R.Salamat
3/7/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	3/7/2012	2:43 PM	R.Salamat
3/7/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	3/29/2012	2:58 PM	R.Salamat
3/7/2012	R.Salamat	1321	San Luis Rey River	Wetland	River	Larvicide	VectoMax	Background	3/7/2012	2:57 PM	R.Salamat
3/7/2012	R.Salamat	1321	San Luis Rey River	Wetland	River	Larvicide	VectoMax	Event	3/7/2012	3:00 PM	R.Salamat
3/7/2012	R.Salamat	1321	San Luis Rey River	Wetland	River	Larvicide	VectoMax	Post-Event	4/2/2012	2:37 PM	R.Salamat
3/8/2012	D.Valdez	2063	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	3/8/2012	5:21 PM	D.Valdez
3/8/2012	D.Valdez	2063	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	3/8/2012	5:23 PM	D.Valdez
3/8/2012	M.Christian	2063	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	4/3/2012	10:39 AM	M.Christian
3/13/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax/VectoMax WSP	Background	3/13/2012	2:18 PM	M.Christian
3/13/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax/VectoMax WSP	Event	3/13/2012	2:52 PM	M.Christian
3/13/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax/VectoMax WSP	Post-Event	4/10/2012	2:49 PM	M.Christian
3/14/2012	M.Johnson	1824	Unnamed	Urban	Drainage	Larvicide	GB1111	Post-Event	3/22/2012	12:10 PM	M.Johnson
3/14/2012	M.Johnson	1824	Unnamed	Urban	Drainage	Larvicide	GB1111	Background	3/14/2012	12:52 PM	M.Johnson
3/14/2012	M.Johnson	1824	Unnamed	Urban	Drainage	Larvicide	GB1111	Event	3/14/2012	12:57 PM	M.Johnson
3/15/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	GB1111/VectoMax WSP	Background	3/15/2012	4:51 PM	D.Valdez
3/15/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	GB1111/VectoMax WSP	Event	3/15/2012	4:54 PM	D.Valdez
3/15/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	GB1111/VectoMax WSP	Post-Event	3/22/2012	4:07 PM	D.Valdez
3/22/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	3/22/2012	4:09 AM	D.Valdez
3/22/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	3/22/2012	4:12 AM	D.Valdez
3/22/2012	D.Valdez	91	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	4/13/2012	3:54 AM	D.Valdez
3/28/2012	D.Valdez	1470	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	3/28/2012	1:55 PM	D.Valdez
3/28/2012	D.Valdez	1470	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	3/28/2012	1:57 PM	D.Valdez
3/28/2012	D.Valdez	1470	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	4/18/2012	11:48 AM	D.Valdez
4/10/2012	S.Eisele	1264	Unnamed	Urban	Ditch	Larvicide	Aquabac	Background	4/10/2012	4:27 PM	S.Eisele
4/10/2012	S.Eisele	1264	Unnamed	Urban	Ditch	Larvicide	Aquabac	Post-Event	5/2/2012	11:19 AM	S.Eisele
4/10/2012	S.Eisele	1264	Unnamed	Urban	Ditch	Larvicide	Aquabac	Event	4/10/2012	4:30 PM	S.Eisele
4/10/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	4/10/2012	5:05 PM	M.Christian
4/10/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	4/10/2012	5:13 PM	M.Christian
4/10/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	5/4/2012	4:29 PM	M.Christian
4/18/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	5/18/2012	4:25 PM	M.Johnson
4/18/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	4/18/2012	4:50 PM	M.Johnson
4/18/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	4/18/2012	5:01 PM	M.Johnson
4/19/2012	R.Salamat	89	Unnamed	Wetland	Pond	Larvicide	VectoMax	Background	4/19/2012	2:59 PM	R.Salamat
4/19/2012	R.Salamat	89	Unnamed	Wetland	Pond	Larvicide	VectoMax	Event	4/19/2012	3:02 PM	R.Salamat
4/19/2012	R.Salamat	89	Unnamed	Wetland	Pond	Larvicide	VectoMax	Post-Event	5/14/2012	2:08 PM	R.Salamat
4/25/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Background	4/25/2012	12:17 PM	M.Condon
4/25/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Event	4/25/2012	12:20 PM	M.Condon
4/25/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Post-Event	5/16/2012	12:42 PM	M.Condon
4/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	4/25/2012	2:28 PM	R.Salamat
4/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	4/25/2012	2:43 PM	R.Salamat
4/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	5/16/2012	2:04 PM	R.Salamat
5/2/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	5/2/2012	11:55 AM	R.Salamat
5/2/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	5/2/2012	12:14 PM	R.Salamat
5/2/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	5/22/2012	11:33 AM	R.Salamat
5/2/2012	D.Valdez	589	Unnamed	Urban	Drainage Channel	Larvicide	Altosid Pellets	Background	5/2/2012	1:41 PM	D.Valdez
5/2/2012	D.Valdez	589	Unnamed	Urban	Drainage Channel	Larvicide	Altosid Pellets	Event	5/2/2012	1:47 PM	D.Valdez
5/2/2012	D.Valdez	589	Unnamed	Urban	Drainage Channel	Larvicide	Altosid Pellets	Post-Event	5/24/2012	12:14 PM	D.Valdez
5/4/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	5/4/2012	5:11 PM	M.Christian
5/4/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	5/4/2012	4:32 PM	M.Christian
5/4/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	6/1/2012	4:35 PM	M.Christian
5/14/2012	N.Munoz	1305	Alvarado Canyon Creek	Urban	Ditch	Larvicide	GB1111/VectoMax	Background	5/14/2012	2:51 PM	N.Munoz
5/14/2012	N.Munoz	1305	Alvarado Canyon Creek	Urban	Ditch	Larvicide	GB1111/VectoMax	Event	5/14/2012	2:56 PM	N.Munoz
5/14/2012	N.Munoz	1305	Alvarado Canyon Creek	Urban	Ditch	Larvicide	GB1111/VectoMax	Post-Event	5/24/2012	10:03 AM	N.Munoz
5/16/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Background	5/16/2012	11:26 AM	M.Johnson

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
3/7/2012	R.Salamat	409	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Flecks	No	No
3/7/2012	R.Salamat	409	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Flecks	No	No
3/7/2012	R.Salamat	409	Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	No	Gloss	No	No
3/7/2012	R.Salamat	1321	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Sheen	No	No
3/7/2012	R.Salamat	1321	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	No	No	Sheen	No	No
3/7/2012	R.Salamat	1321	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	No	Sheen	Yes	No
3/8/2012	D.Valdez	2063	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
3/8/2012	D.Valdez	2063	Clear/Sun	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
3/8/2012	M.Christian	2063	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	Yes	Gloss	Yes	No
3/13/2012	M.Christian	330	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	Yes	No
3/13/2012	M.Christian	330	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	Yes	No
3/13/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	Yes	Gloss	Yes	No
3/14/2012	M.Johnson	1824	Clear/sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	No	Films	No	No
3/14/2012	M.Johnson	1824	Clear/sun	No	Calm	Cool	Clear	Clear	Yes	No	No	Films	No	No
3/14/2012	M.Johnson	1824	Clear/sun	No	Calm	Cool	Clear	Clear	Yes	No	No	Films	No	No
3/15/2012	D.Valdez	91	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Cloudy	No	No	No	No	No	No
3/15/2012	D.Valdez	91	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Cloudy	No	No	No	No	No	No
3/15/2012	D.Valdez	91	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Cloudy	No	No	No	No	No	No
3/22/2012	D.Valdez	91	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	No	No
3/22/2012	D.Valdez	91	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	No	No	No	No	No	No
3/22/2012	D.Valdez	91	Rain	Yes	Gusty	Cool	Brown	Clear	No	No	No	No	No	No
3/28/2012	D.Valdez	1470	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
3/28/2012	D.Valdez	1470	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
3/28/2012	D.Valdez	1470	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Cloudy	No	No	No	No	No	No
4/10/2012	S.Eisele	1264	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	Yes	Slick	No	No
4/10/2012	S.Eisele	1264	Cloudy	No	Calm	Cool	Brown	Cloudy	No	No	Yes	Films	No	No
4/10/2012	S.Eisele	1264	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	Yes	Slick	No	No
4/10/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	Yes	Gloss	Yes	No
4/10/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	Yes	Gloss	Yes	No
4/10/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
4/18/2012	M.Johnson	318	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	No	No	Films	Yes	No
4/18/2012	M.Johnson	318	Clear/Sun	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	Yes	No	No	No
4/18/2012	M.Johnson	318	Clear/Sun	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	Yes	No	No	No
4/19/2012	R.Salamat	89	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No
4/19/2012	R.Salamat	89	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No
4/19/2012	R.Salamat	89	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	No	Coatings	No	No
4/25/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	Coatings	Yes	No
4/25/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	Coatings	Yes	No
4/25/2012	M.Condon	376	Clear/Sun	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	Yes	No
4/25/2012	R.Salamat	409	Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	No	No
4/25/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	No	No
4/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	Yes	No
5/2/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/2/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/2/2012	R.Salamat	1896	Clear/Sun	No	Light Breezy	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/2/2012	D.Valdez	589	Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
5/2/2012	D.Valdez	589	Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
5/2/2012	D.Valdez	589	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	No	No	No
5/4/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/4/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/4/2012	M.Christian	330	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/4/2012	M.Christian	330	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/14/2012	N.Munoz	1305	Clear/Sun	No	Calm	Hot	Green	Cloudy	Yes	No	No	Films	Yes	No
5/14/2012	N.Munoz	1305	Clear/Sun	No	Light Breezy	Hot	Green	Cloudy	Yes	No	No	Films	Yes	No
5/14/2012	N.Munoz	1305	Partly Cloudy	No	Calm	Hot	Green	Cloudy	Yes	Yes	No	Films	Yes	No
5/16/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Films	No	No

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
5/16/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Event	5/16/2012	11:31 AM	M.Johnson
5/16/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Post-Event	6/19/2012	5:15 PM	M.Johnson
5/16/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	5/16/2012	2:17 PM	R.Salamat
5/16/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	5/16/2012	2:21 PM	R.Salamat
5/16/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	6/11/2012	3:38 PM	R.Salamat
5/21/2012	E.Mcowen	449	Los Penasquitos Lagoon	Wetland	Lagoon	Larvicide	Vectolex WSP	Background	5/21/2012	2:49 PM	E.Mcowen
5/21/2012	E.Mcowen	449	Los Penasquitos Lagoon	Wetland	Lagoon	Larvicide	Vectolex WSP	Event	5/21/2012	2:52 PM	E.Mcowen
5/21/2012	E.Mcowen	449	Los Penasquitos Lagoon	Wetland	Lagoon	Larvicide	Vectolex WSP	Post-Event	6/13/2012	12:57 PM	E.Mcowen
5/22/2012	J.Morales	1144	Unnamed	Urban	Street Drain Outlet	Larvicide	GB1111/Altosid XR-30	Background	5/22/2012	9:21 AM	J.Morales
5/22/2012	J.Morales	1144	Unnamed	Urban	Street Drain Outlet	Larvicide	GB1111/Altosid XR-30	Event	5/22/2012	9:25 AM	J.Morales
5/22/2012	J.Morales	1144	Unnamed	Urban	Street Drain Outlet	Larvicide	GB1111/Altosid XR-30	Post-Event	5/29/2012	4:15 PM	J.Morales
5/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	5/22/2012	11:11 AM	D.Valdez
5/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	5/22/2012	11:13 AM	D.Valdez
5/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	6/13/2012	10:57 AM	D.Valdez
5/22/2012	J.Morales	896	Unnamed	Urban	Street Drain	Larvicide	GB1111/Altosid XR-30	Background	5/22/2012	11:30 AM	J.Morales
5/22/2012	J.Morales	896	Unnamed	Urban	Street Drain	Larvicide	GB1111/Altosid XR-30	Event	5/22/2012	11:32 AM	J.Morales
5/22/2012	J.Morales	896	Unnamed	Urban	Street Drain	Larvicide	GB1111/Altosid XR-30	Post-Event	5/29/2012	4:57 PM	J.Morales
5/22/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	5/22/2012	11:36 AM	R.Salamat
5/22/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	5/22/2012	11:54 AM	R.Salamat
5/22/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	6/18/2012	1:08 PM	R.Salamat
5/29/2012	J.Morales	160	Unnamed	Urban	Creek	Larvicide	VectoMax	Background	5/29/2012	11:25 AM	J.Morales
5/29/2012	J.Morales	160	Unnamed	Urban	Creek	Larvicide	VectoMax	Event	5/29/2012	11:30 AM	J.Morales
5/29/2012	J.Morales	160	Unnamed	Urban	Creek	Larvicide	VectoMax	Post-Event	6/6/2012	9:42 AM	J.Morales
6/1/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	6/1/2012	4:35 PM	M.Christian
6/1/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	6/1/2012	5:13 PM	M.Christian
6/1/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	6/28/2012	4:39 PM	M.Christian
6/8/2012	M.Johnson	1344	Escondido Creek	Urban	Drainage	Larvicide	Altosid XR-30	Background	6/8/2012	4:57 PM	M.Johnson
6/8/2012	M.Johnson	1344	Escondido Creek	Urban	Drainage	Larvicide	Altosid XR-30	Event	6/8/2012	4:59 PM	M.Johnson
6/12/2012	M.Johnson	1344	Escondido Creek	Urban	Drainage	Larvicide	Altosid XR-30	Post-Event	6/12/2012	6:57 AM	M.Johnson
6/8/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	6/8/2012	5:22 PM	M.Christian
6/8/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	6/8/2012	5:24 PM	M.Christian
6/8/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	6/29/2012	4:17 PM	M.Christian
6/11/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	6/11/2012	4:22 PM	R.Salamat
6/11/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	6/11/2012	4:25 PM	R.Salamat
6/11/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	7/3/2012	12:11 PM	R.Salamat
6/14/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax WSP	Background	6/14/2012	5:25 PM	D.Valdez
6/14/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax WSP	Event	6/14/2012	5:27 PM	D.Valdez
6/14/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax WSP	Post-Event	7/5/2012	12:37 PM	D.Valdez
6/18/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	6/18/2012	1:11 PM	R.Salamat
6/18/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	6/18/2012	1:14 PM	R.Salamat
6/18/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	7/10/2012	11:59 AM	R.Salamat
6/19/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Pre-Event	6/19/2012	5:15 PM	M.Johnson
6/19/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Event	6/19/2012	5:19 PM	M.Johnson
6/19/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Post-Event	7/20/2012	4:55 PM	M.Johnson
6/22/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	6/22/2012	4:31 PM	M.Johnson
6/22/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	6/22/2012	4:34 PM	M.Johnson
6/22/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	7/19/2012	5:14 PM	M.Johnson
6/22/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	6/22/2012	4:37 PM	M.Johnson
6/22/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	6/22/2012	4:39 PM	M.Johnson
6/22/2012	M.Johnson	318	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	8/17/2012	5:21 PM	M.Johnson
6/28/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	6/28/2012	4:43 PM	M.Christian
6/28/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	6/28/2012	5:10 PM	M.Christian
6/28/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	7/26/2012	4:58 PM	M.Christian
6/29/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	6/29/2012	4:20 PM	M.Christian
6/29/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	6/29/2012	4:22 PM	M.Christian



Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
5/16/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Films	No	No
5/16/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	Sheen	No	No
5/16/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	Yes	No
5/16/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Coatings	Yes	No
5/16/2012	R.Salamat	409	Partly Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
5/21/2012	E.McCowen	449	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	Yes	No	No	Films	Yes	No
5/21/2012	E.McCowen	449	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Murky	Yes	No	No	Films	Yes	No
5/21/2012	E.McCowen	449	Partly Cloudy	No	Light Breezy	Warm/Mild	Brown	Murky	No	Yes	No	No	Yes	No
5/22/2012	J.Morales	1144	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	Yes	Films	No	No
5/22/2012	J.Morales	1144	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	Yes	Films	No	No
5/22/2012	J.Morales	1144	Clear/Sun	No	Light Breezy	Hot		Murky	No	Yes	Yes	Slick	No	No
5/22/2012	D.Valdez	1160	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	No	No	No
5/22/2012	D.Valdez	1160	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	No	No	No
5/22/2012	D.Valdez	1160	Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
5/22/2012	J.Morales	896	Clear/Sun	No	Light Breezy	Warm/Mild		Murky	Yes	Yes	Yes	Films	No	No
5/22/2012	J.Morales	896	Clear/Sun	No	Light Breezy	Warm/Mild		Murky	Yes	Yes	Yes	Sheen	No	No
5/22/2012	J.Morales	896	Clear/Sun	No	Calm	Hot		Murky	Yes	No	Yes	Films	No	No
5/22/2012	R.Salamat	1896	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/22/2012	R.Salamat	1896	Clear/Sun	No	Light Breezy	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/22/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
5/29/2012	J.Morales	160	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	Yes	Coatings	Yes	No
5/29/2012	J.Morales	160	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	Yes	Coatings	Yes	No
5/29/2012	J.Morales	160	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	Yes	No	Yes	No	Yes	No
6/1/2012	M.Christian	330	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/1/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/1/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/8/2012	M.Johnson	1344	Clear/Sun	No	Calm	Warm/Mild	Green	Clear	Yes	No	No	Films	No	No
6/8/2012	M.Johnson	1344	Clear/Sun	No	Calm	Warm/Mild	Green	Clear	Yes	No	No	Films	No	No
6/12/2012	M.Johnson	1344	Clear/Sun	No	Calm	Warm/Mild	Green	Clear	Yes	No	No	Films	No	No
6/8/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Green	Murky	Yes	No	Yes	Gloss, Coatings	Yes	No
6/8/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	Yes	Gloss, Coatings	Yes	No
6/8/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
6/11/2012	R.Salamat	409	Partly Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/11/2012	R.Salamat	409	Partly Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/11/2012	R.Salamat	409	Cloudy	No	Calm	Cool		Murky	Yes	Yes	Yes	Coatings	No	No
6/14/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
6/14/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	No	No	No	No	No	No
6/14/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No
6/18/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
6/18/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
6/18/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
6/19/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	Sheen	No	No
6/19/2012	M.Johnson	885	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	No	No	No	Sheen	No	No
6/19/2012	M.Johnson	885	Clear/Sun	No	Calm	Hot	Green	Murky	Yes	No	No	Films	No	No
6/22/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Cloudy	No	No	Yes	Films	No	No
6/22/2012	M.Johnson	318	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	318	Clear/Sun	No	Calm	Hot	Clear	Murky	No	Yes	No	Sheen	No	No
6/22/2012	M.Johnson	318	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No
6/28/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/28/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/28/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
6/29/2012	M.Christian	251	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
6/29/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
6/29/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	7/26/2012	5:15 PM	M.Christian
7/3/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	7/3/2012	12:24 PM	R.Salamat
7/3/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	7/3/2012	12:27 PM	R.Salamat
7/3/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	7/25/2012	10:41 AM	R.Salamat
7/5/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	7/5/2012	12:39 PM	D.Valdez
7/5/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	7/5/2012	12:45 PM	D.Valdez
7/5/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	7/31/2012	10:23 AM	D.Valdez
7/10/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	7/10/2012	12:02 PM	R.Salamat
7/10/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	7/10/2012	12:05 PM	R.Salamat
7/10/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	8/7/2012	11:02 AM	R.Salamat
7/19/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	7/19/2012	5:14 PM	M.Johnson
7/19/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	7/19/2012	5:16 PM	M.Johnson
7/19/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	8/17/2012	5:17 PM	M.Johnson
7/20/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Background	7/20/2012	4:55 PM	M.Johnson
7/20/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Event	7/20/2012	4:59 PM	M.Johnson
7/20/2012	M.Johnson	885	Escondido Creek	Urban	Creek	Larvicide	VectoMax	Post-Event	8/16/2012	5:02 PM	M.Johnson
7/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	7/25/2012	10:45 AM	R.Salamat
7/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	7/25/2012	10:48 AM	R.Salamat
7/25/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	8/15/2012	11:16 AM	R.Salamat
7/25/2012	S.Eisele	113	Unnamed	Urban	Ditch	Larvicide	Altosid Pellets	Background	7/25/2012	4:45 PM	S.Eisele
7/25/2012	S.Eisele	113	Unnamed	Urban	Ditch	Larvicide	Altosid Pellets	Event	7/25/2012	4:53 PM	S.Eisele
7/25/2012	S.Eisele	113	Unnamed	Urban	Ditch	Larvicide	Altosid Pellets	Post-Event	9/21/2012	3:15 PM	S.Eisele
7/26/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Background	7/26/2012	4:58 PM	M.Christian
7/26/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Event	7/26/2012	5:03 PM	M.Christian
7/26/2012	M.Christian	330	Lindo Lake	Wetland	Lake	Larvicide	VectoMax	Post-Event	8/22/2012	5:06 PM	M.Christian
7/26/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	7/26/2012	5:15 PM	M.Christian
7/26/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	7/26/2012	5:19 PM	M.Christian
7/26/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	8/16/2012	4:50 PM	M.Christian
7/31/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	7/31/2012	10:26 AM	D.Valdez
7/31/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	7/31/2012	10:29 AM	D.Valdez
7/31/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	8/22/2012	1:17 PM	D.Valdez
8/7/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	8/7/2012	11:06 AM	R.Salamat
8/7/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	8/7/2012	11:09 AM	R.Salamat
8/7/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	8/28/2012	12:33 PM	R.Salamat
8/13/2012	E.Mcowen	233	Mission Bay	Urban	Street Drain	Larvicide	VectoMax	Background	8/13/2012	4:14 PM	E.Mcowen
8/13/2012	E.Mcowen	233	Mission Bay	Urban	Street Drain	Larvicide	VectoMax	Event	8/13/2012	4:17 PM	E.Mcowen
8/13/2012	E.Mcowen	233	Mission Bay	Urban	Street Drain	Larvicide	VectoMax	Post-Event	10/8/2012	12:44 PM	E.Mcowen
8/15/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	8/15/2012	11:19 AM	R.Salamat
8/15/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	8/15/2012	11:23 AM	R.Salamat
8/15/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/5/2012	10:09 AM	R.Salamat
8/16/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	8/16/2012	4:50 PM	M.Christian
8/16/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	8/16/2012	4:52 PM	M.Christian
8/16/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	9/14/2012	11:16 AM	M.Christian
8/17/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	8/17/2012	5:17 PM	M.Johnson
8/17/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	8/17/2012	5:19 PM	M.Johnson
8/17/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	9/18/2012	4:44 PM	M.Johnson
8/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	8/22/2012	1:18 PM	D.Valdez
8/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	8/22/2012	1:27 PM	D.Valdez
8/22/2012	D.Valdez	1160	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	10/5/2012	11:10 AM	D.Valdez
8/22/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Background	8/22/2012	3:00 PM	M.Condon
8/22/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Event	8/22/2012	3:04 PM	M.Condon
8/22/2012	M.Condon	376	Santa Margarita River	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/14/2012	2:03 PM	M.Condon
8/28/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	8/28/2012	12:39 PM	R.Salamat
8/28/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	8/28/2012	12:44 PM	R.Salamat
8/28/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/19/2012	10:54 AM	R.Salamat

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring								
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions	
6/29/2012	M.Christian	251	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	No	Yes	Gloss	Yes	No	
7/3/2012	R.Salamat	409	Cloudy	No	Calm	Cool		Murky	Yes	Yes	Yes	Coatings	No	No	
7/3/2012	R.Salamat	409	Cloudy	No	Calm	Cool		Murky	Yes	Yes	Yes	Coatings	No	No	
7/3/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Murky	Yes	Yes	Yes	Coatings	No	No	
7/5/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
7/5/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
7/5/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
7/10/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
7/10/2012	R.Salamat	1896	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
7/10/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
7/19/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Cloudy	No	No	Yes	Films	No	No	
7/19/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Cloudy	No	No	Yes	Films	No	No	
7/19/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No	
7/20/2012	M.Johnson	885	Clear/Sun	No	Calm	Hot	Green	Murky	Yes	No	No	Films	No	No	
7/20/2012	M.Johnson	885	Clear/Sun	No	Calm	Hot	Green	Murky	Yes	No	No	Films	No	No	
7/20/2012	M.Johnson	885	Clear/Sun	No	Light Breezy	Hot	Green	Cloudy	No	No	No	Films	No	No	
7/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Murky	Yes	Yes	Yes	Coatings	No	No	
7/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Murky	Yes	Yes	Yes	Coatings	No	No	
7/25/2012	R.Salamat	409	Clear/Sun	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No	
7/25/2012	S.Eisele	113	Clear/Sun	No	Calm	Hot	Brown	Murky	No	No	Yes	Gloss	No	No	
7/25/2012	S.Eisele	113	Clear/Sun	No	Calm	Hot	Brown	Murky	No	No	Yes	Gloss	No	No	
7/25/2012	S.Eisele	113	Clear/Sun	No	Calm	Hot	Grey		No	No	No	No	No	No	
7/26/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No	
7/26/2012	M.Christian	330	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No	
7/26/2012	M.Christian	330	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No	
7/26/2012	M.Christian	251	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	No	Yes	Gloss	Yes	No	
7/26/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	Yes	Gloss	Yes	No	
7/26/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	Yes	Gloss	Yes	No	
7/31/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
7/31/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
7/31/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
8/7/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
8/7/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
8/7/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
8/13/2012	E.McCowen	233	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	Yes	Yes	No	No	No	No	
8/13/2012	E.McCowen	233	Clear/Sun	No	Light Breezy	Hot	Brown	Murky	No	No	No	No	No	No	
8/13/2012	E.McCowen	233	Clear/Sun	No	Light Breezy	Warm/Mild	Brown	Clear	Yes	No	No	No	Yes	No	
8/15/2012	R.Salamat	409	Clear/Sun	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No	
8/15/2012	R.Salamat	409	Clear/Sun	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No	
8/15/2012	R.Salamat	409	Partly Cloudy	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No	
8/16/2012	M.Christian	251	Clear/Sun	No	Calm	Warm/Mild	Clear	Clear	Yes	No	Yes	Gloss	Yes	No	
8/16/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No	
8/16/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No	
8/17/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No	
8/17/2012	M.Johnson	317	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	No	No	Films	No	No	
8/17/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	No	Sheen	No	No	
8/22/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
8/22/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
8/22/2012	D.Valdez	1160	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	No	No	No	No	No	
8/22/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No	
8/22/2012	M.Condon	376	Partly Cloudy	No	Light Breezy	Warm/Mild	Clear	Clear	No	Yes	No	Gloss	No	No	
8/22/2012	M.Condon	376	Clear/Sun	No	Gusty	Hot	Clear	Clear	Yes	No	No	Gloss	No	No	
8/28/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
8/28/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	
8/28/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No	

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information						Monitoring Information					
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
9/5/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	9/5/2012	10:23 AM	R.Salamat
9/5/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	9/5/2012	10:26 AM	R.Salamat
9/5/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	9/27/2012	9:04 AM	R.Salamat
9/14/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	9/14/2012	11:16 AM	M.Christian
9/14/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	9/14/2012	11:18 AM	M.Christian
9/14/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	10/15/2012	8:16 AM	M.Christian
9/14/2012	M.Christian	300	San Luis Rey River	Urban	Drainage	Larvicide	VectoMax	Background	9/14/2012	11:22 AM	M.Christian
9/14/2012	M.Christian	300	San Luis Rey River	Urban	Drainage	Larvicide	VectoMax	Event	9/14/2012	11:26 AM	M.Christian
9/14/2012	M.Christian	300	San Luis Rey River	Urban	Drainage	Larvicide	VectoMax	Post-Event	10/15/2012	9:20 AM	M.Christian
9/18/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Background	9/18/2012	4:44 PM	M.Johnson
9/18/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Event	9/18/2012	4:46 PM	M.Johnson
9/18/2012	M.Johnson	317	Unnamed	Urban	Drainage	Larvicide	VectoMax	Post-Event	10/17/2012	4:59 PM	M.Johnson
9/19/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	9/19/2012	10:57 AM	R.Salamat
9/19/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	9/19/2012	11:00 AM	R.Salamat
9/19/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	10/11/2012	9:29 AM	R.Salamat
9/27/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	9/27/2012	9:09 AM	R.Salamat
9/27/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	9/27/2012	9:14 AM	R.Salamat
9/27/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	10/18/2012	10:15 AM	R.Salamat
10/11/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	10/11/2012	10:00 AM	R.Salamat
10/11/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	10/11/2012	10:09 AM	R.Salamat
10/11/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/1/2012	10:00 AM	R.Salamat
10/15/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Background	10/15/2012	8:16 AM	M.Christian
10/15/2012	M.Christian	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Event	10/15/2012	8:19 AM	M.Christian
10/15/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	VectoMax	Post-Event	11/27/2012	1:25 PM	S.Simmons
10/17/2012	S.Eisele	1142	Unnamed	Urban	Storm Water Best Management Practice	Larvicide	Vectolex CG	Background	10/17/2012	3:07 PM	S.Eisele
10/17/2012	S.Eisele	1142	Unnamed	Urban	Storm Water Best Management Practice	Larvicide	Vectolex CG	Event	10/17/2012	3:12 PM	S.Eisele
10/17/2012	S.Eisele	1142	Unnamed	Urban	Storm Water Best Management Practice	Larvicide	Vectolex CG	Post-Event	11/6/2012	8:33 AM	S.Eisele
10/18/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	10/18/2012	10:26 AM	R.Salamat
10/18/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	10/18/2012	10:32 AM	R.Salamat
10/18/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/7/2012	12:14 PM	R.Salamat
10/25/2012	S.Simmons	802	Unnamed	Urban	Drainage Ditch	Larvicide	Aquabac	Background	10/25/2012	11:48 AM	S.Simmons
10/25/2012	S.Simmons	802	Unnamed	Urban	Drainage Ditch	Larvicide	Aquabac	Event	10/25/2012	11:51 AM	S.Simmons
10/25/2012	S.Simmons	802	Unnamed	Urban	Drainage Ditch	Larvicide	Aquabac	Post-Event	11/2/2012	3:57 PM	S.Simmons
11/1/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Background	11/1/2012	10:18 AM	R.Salamat
11/1/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Event	11/1/2012	10:22 AM	R.Salamat
11/1/2012	R.Salamat	1896	Buena Vista Creek	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/21/2012	12:28 PM	R.Salamat
11/8/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Background	11/8/2012	12:24 PM	R.Salamat
11/8/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Event	11/9/2012	12:28 PM	R.Salamat
11/8/2012	R.Salamat	409	Unnamed	Wetland	Creek	Larvicide	VectoMax	Post-Event	11/29/2012	11:40 PM	R.Salamat
11/16/2012	S.Simmons	330	Lindo Lake	Wetland	Lake	Larvicide	GB1111	Background	11/16/2012	3:05 PM	S.Simmons
11/16/2012	S.Simmons	330	Lindo Lake	Wetland	Lake	Larvicide	GB1111	Event	11/16/2012	3:09 PM	S.Simmons
11/16/2012	S.Simmons	330	Lindo Lake	Wetland	Lake	Larvicide	GB1111	Post-Event	11/20/2012	12:17 PM	S.Simmons
11/21/2012	E.McCowen	449	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	1:00 PM	E.McCowen
11/21/2012	E.McCowen	449	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	1:00 PM	E.McCowen
11/21/2012	E.McCowen	449	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	1:15 PM	E.McCowen
11/21/2012	E.McCowen	941	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	1:20 PM	E.McCowen
11/21/2012	E.McCowen	941	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	1:20 PM	E.McCowen
11/21/2012	E.McCowen	941	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	1:35 PM	E.McCowen
11/21/2012	E.McCowen	366	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	1:55 PM	E.McCowen
11/21/2012	E.McCowen	366	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	1:55 PM	E.McCowen
11/21/2012	E.McCowen	366	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	2:20 PM	E.McCowen
11/21/2012	E.McCowen	369	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Background	11/21/12	2:30 PM	E.McCowen

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
9/5/2012	R.Salamat	409	Partly Cloudy	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
9/5/2012	R.Salamat	409	Partly Cloudy	No	Calm	Warm/Mild	Clear	Murky	Yes	Yes	Yes	Coatings	No	No
9/5/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
9/14/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
9/14/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
9/14/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
9/14/2012	M.Christian	300	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
9/14/2012	M.Christian	300	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
9/14/2012	M.Christian	300	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
9/14/2012	M.Christian	300	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	Yes	Yes	Gloss	Yes	No
9/18/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	No	Sheen	No	No
9/18/2012	M.Johnson	317	Clear/Sun	No	Calm	Warm/Mild	Brown	Murky	No	Yes	No	Sheen	No	No
9/18/2012	M.Johnson	317	Cloudy	No		Hot	Brown	Murky	No	No	Yes	Flecks	No	No
9/19/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
9/19/2012	R.Salamat	1896	Clear/Sun	No	Calm	Hot	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
9/19/2012	R.Salamat	1896	Partly Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
9/27/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
9/27/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
9/27/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/11/2012	R.Salamat	1896	Partly Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
10/11/2012	R.Salamat	1896	Partly Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
10/11/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Slick	Yes	No
10/15/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
10/15/2012	M.Christian	251	Clear/Sun	No	Calm	Hot	Clear	Clear	Yes	No	Yes	Gloss	Yes	No
10/15/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
10/17/2012	S.Eisele	1142	Clear/Sun	No	Calm	Hot	Clear	Clear	No	No	Yes	No	No	No
10/17/2012	S.Eisele	1142	Clear/Sun	No	Calm	Hot	Clear	Clear	No	No	Yes	No	No	No
10/17/2012	S.Eisele	1142	Clear/Sun	No	Calm	Hot	Clear	Clear	No	No	Yes	No	No	No
10/18/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/18/2012	R.Salamat	409	Partly Cloudy	No	Light Breezy	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/18/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
10/25/2012	S.Simmons	802	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	No	Gloss	No	No
10/25/2012	S.Simmons	802	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	No	Gloss	No	No
10/25/2012	S.Simmons	802	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/1/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Slick	Yes	No
11/1/2012	R.Salamat	1896	Cloudy	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Slick	Yes	No
11/1/2012	R.Salamat	1896	Clear/Sun	No	Calm	Cool	Brown	Murky	Yes	Yes	No	Coatings	Yes	No
11/8/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
11/8/2012	R.Salamat	409	Clear/Sun	No	Calm	Cool	Clear	Clear	Yes	Yes	Yes	Gloss	No	No
11/8/2012	R.Salamat	409	Cloudy	No	Calm	Cool	Clear	Cloudy	Yes	Yes	Yes	Gloss	No	No
11/16/2012	S.Simmons	330	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	00:35	Slick	No	No
11/16/2012	S.Simmons	330	Clear/Sun	No	Calm	Cool	Green	Cloudy	Yes	No	00:35	Slick	No	No
11/16/2012	S.Simmons	330	Clear/Sun	No	Light Breezy	Cool	Green	Cloudy	Yes	No	00:30	Slick	No	No
11/21/2012	E.McCowan	449	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.McCowan	449	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.McCowan	449	Clouds	No	Light Breezy	53	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.McCowan	941	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.McCowan	941	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.McCowan	941	Clouds	No	Light Breezy	53	Brown	Murky	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.McCowan	366	Scattered clouds	No	Breezy	55	Brown	Cloudy	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.McCowan	366	Scattered clouds	No	Breezy	55	Brown	Cloudy	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.McCowan	366	Clouds	No	Light Breezy	53	Brown	Cloudy	Yes	Yes	Yes	Yes	Yes	Yes
11/21/2012	E.McCowan	369	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	No	No	Yes

**San Diego County Vector Control Program  
Visual Monitoring Observations 2012**

Event Information							Monitoring Information				
Date of Event	Applicator	Location	Name of Water Body	Type of Water Body	Description	Type of pesticide	Product Name	Time of Monitoring	Monitoring Date	Time	Name(s) of personnel
11/21/2012	E.Mcown	369	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Event	11/21/12	2:30 PM	E.Mcown
11/21/2012	E.Mcown	369	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	11/29/12	2:50 PM	E.Mcown
11/21/2012	E.Mcown	952	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Background	11/21/12	2:50 PM	E.Mcown
11/21/2012	E.Mcown	952	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Event	11/21/12	2:50 PM	E.Mcown
11/21/2012	E.Mcown	952	None	Wetland	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	11/29/12	3:20 PM	E.Mcown
11/21/2012	E.Mcown	233	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Background	11/21/12	3:30 PM	E.Mcown
11/21/2012	E.Mcown	233	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Event	11/21/12	3:30 PM	E.Mcown
11/21/2012	E.Mcown	233	None	Wetland	Drainage discharges to Mission Bay	Larvicide	Aquabac	Post-Event	11/29/12	3:50 PM	E.Mcown
11/27/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	Aquabac	Background	11/27/2012	1:25 PM	S.Simmons
11/27/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	Aquabac	Event	11/27/2012	1:27 PM	S.Simmons
11/27/2012	S.Simmons	251	Unnamed	Urban	Ditch	Larvicide	Aquabac	Post-Event	11/28/2012	3:21 PM	S.Simmons
11/28/2012	Taylor	1353	Penasquitos Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	12:01 PM	Taylor
11/28/2012	Taylor	1353	Penasquitos Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	12:01 PM	Taylor
11/28/2012	Taylor	1353	Penasquitos Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	12:50 PM	Taylor
11/28/2012	Taylor	2074	Sunwood Trails Streams	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	12:37 PM	Taylor
11/28/2012	Taylor	2074	Sunwood Trails Streams	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	12:37 PM	Taylor
11/28/2012	Taylor	2074	Sunwood Trails Streams	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	1:30 PM	Taylor
11/28/2012	Taylor	2020	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	12:20 PM	Taylor
11/28/2012	Taylor	2020	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	12:20 PM	Taylor
11/28/2012	Taylor	2020	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	1:20 PM	Taylor
11/28/2012	Taylor	477	Los Penasquitos Canyon Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	1:07 PM	Taylor
11/28/2012	Taylor	477	Los Penasquitos Canyon Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	1:07 PM	Taylor
11/28/2012	Taylor	477	Los Penasquitos Canyon Creek	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	1:50 PM	Taylor
11/28/2012	Taylor	2054	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	2:12 PM	Taylor
11/28/2012	Taylor	2054	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	2:12 PM	Taylor
11/28/2012	Taylor	2054	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	2:15 PM	Taylor
11/28/2012	Taylor	1988	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Background	11/28/2012	1:16 PM	Taylor
11/28/2012	Taylor	1988	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Event	11/28/2012	1:16 PM	Taylor
11/28/2012	Taylor	1988	None	Urban	Storm Drain Discharge	Larvicide	Aquabac	Post-Event	12/4/2012	2:45 PM	Taylor

Date of Event	Applicator	Location	Weather Conditions				Visual Monitoring							
			Overhead Conditions	Precipitation	Wind	Air Temperature	Water Color	Water Clarity	Floating/Suspended Matter	Bottom Deposits	Aquatic Life	Water Surface Oils	Fungi, Slimes or Objectionable Growths	Potential Nuisance Conditions
11/21/2012	E.Mcown	369	Scattered clouds	No	Breezy	55	Brown	Murky	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcown	369	Clouds	No	Light Breezy	53	Brown	Murky	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcown	952	Scattered clouds	No	Breezy	53	Brown	Clear	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcown	952	Scattered clouds	No	Breezy	53	Brown	Clear	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcown	952	Clouds	No	Breezy	50	Brown	Clear	Yes	Yes	Yes	No	No	Yes
11/21/2012	E.Mcown	233	Scattered clouds	No	Breezy	52	Brown	Murky	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.Mcown	233	Scattered clouds	No	Breezy	52	Brown	Murky	Yes	Yes	Yes	Yes	No	Yes
11/21/2012	E.Mcown	233	Clouds	No	Breezy	50	Brown	Murky	Yes	Yes	Yes	Yes	No	Yes
11/27/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/27/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/27/2012	S.Simmons	251	Clear/Sun	No	Calm	Warm/Mild	Green	Cloudy	Yes	No	No	Slick	No	No
11/28/2012	Taylor	1353	Scattered clouds	No	Breezy	59	Tea stained	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	1353	Scattered clouds	No	Breezy	59	Tea stained	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	1353	Clouds	No	Light Breezy	55	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2074	Scattered clouds	No	Breezy	59	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2074	Scattered clouds	No	Breezy	59	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2074	Clouds	No	Light Breezy	55	Clear	Clear	No	No	Yes	No	No	Yes
11/28/2012	Taylor	2020	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	Yes	Yes
11/28/2012	Taylor	2020	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	Yes	Yes
11/28/2012	Taylor	2020	Clouds	No	Light Breezy	55	Tea stained	Clear	Yes	Yes	Yes	Yes	Yes	Yes
11/28/2012	Taylor	477	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	No	Yes
11/28/2012	Taylor	477	Scattered clouds	No	Breezy	58	Tea stained	Clear	Yes	Yes	Yes	Yes	No	Yes
11/28/2012	Taylor	477	Clouds	No	Light Breezy	55	Tea stained	Clear	Yes	Yes	Yes	Yes	No	Yes
11/28/2012	Taylor	2054	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	2054	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	2054	Clouds	No	Breezy	50	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	1988	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	1988	Scattered clouds	No	Breezy	55	Clear	Clear	Yes	No	Yes	No	No	Yes
11/28/2012	Taylor	1988	Clouds	No	Breezy	50	Clear	Clear	Yes	No	Yes	No	No	Yes