#### **NPDES Permit Compliance Guidelines**

1. Acquire Permit

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- Submit NPDES application to SWRCB:
  - Notice of Intent (NOI)
  - Pesticide Application Plan (PAP)
  - Map of agency service area
  - Pesticide use-report year prior
- Receive Notice of Applicability (NOA)
- 2. Under the permit's Pesticide Use Requirements (p.15ff) you are to:
  - **Provide** any requester with current application information (p.15)
  - **Distribute a letter of intent** to all potentially interested parties (Cities, County Supervisors, California Department of Fish & Game, Caltrans District, Coastal Commission, Department of Pesticide Regulations, Regional Water Control Board, various Conservancies, County Agricultural Commissioner, Department of Public Works, Department of Recreation & Parks, County Registrar-Recorder/ County Clerk, County Department of Water & Power, County Public Health Department). The letter is to in including a list of materials to be used, their purpose, the general time period during which applications may occur, water use restrictions during treatment, if any, and your contact information. This letter has to be sent annually for the life of the permit. Post this letter on the District website if one is available (p.16).
  - Continue to update the PAP you prepared as part of the application package (p.16)
  - **Maintain a Pesticide Application Log** (p.19) that includes application date and time, location (address, crossroads or map coordinates), applicator name, the names of water bodies treated, application rate, as well as source size and flow rate if applicable.
  - Submit 24 hour notice of any **non compliance** or unintended effects (p.23) and submit a written report within 5 days thereafter.
  - Notify water board(s) 24 hours before first application of the year (C-7)
- 3. **Conduct visual monitoring for larvicide applications** at 10% of all application areas (C-6). Background-monitoring, within 24hrs before the treatment; event-monitoring, within 24 hrs after treatment and post event-monitoring, within one week after treatment completion, the timeframe of which can vary due to the different residual times for various materials. If a new application follows at the end of the life span of the previous treatment, due to continued breeding, post and pre-treatment monitoring can be conducted at the same time. To ensure consistency within the coalition please use the monitoring spread sheet provided by the SWRCB to record you monitoring events. This spreadsheet can be found on the MVCAC website under the NPDES Resource Center.

To select monitoring sites:

- Identify Waters of the US (WOTUS) within your service area that are also application sites or in close proximity to application sites for adulticides. Categorize them if possible into groups such as: rivers, creeks, channels, ditches etc. This will be helpful in the selection of a representative set of monitoring sites (C-2). Applications to MS4 structures (catch basins, stormdrains, etc.) will not have to be monitored.
- Establish your treatment areas. A treatment area can be defined as any area of tributaries that are connected or of close geographical proximity, where applications,

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how ever many, are made on the same day. Again, all the applications made in one treatment area have to be in close proximity in both space and time to count as a single application event. Tally up the number of treatment areas you identified and figure out how many you would have to select to be monitoring 10% (say one has 80 application areas, so the number of monitoring sites to be picked is 8)

- Pick your visual monitoring sites for larvicides applications. Once you know how many sites or areas you have to monitor to comply with the permit requirement of monitoring all applications at 10% of you application areas, you can pick your monitoring sites according to the following criteria so as to have a set of monitoring sites representative for your program:
  - Try to distribute monitoring locations throughout your service area
  - Try to have the different categories of waters of the US you came up with proportionally represented in the sites you choose to monitor
  - Consider other variables such as treatment frequency, year-round water presence or intermittent dryness, etc.
- 4. **Physical monitoring** (C-6). If you have volunteered to be one of the agencies to conduct physical monitoring for the coalition, follow the how-to manual provided by URS. A Physical Monitoring Checklist will be posted on the MVCAC web site. All reports done for the physical monitoring should be sent to URS for compilation.
- 5. Monitoring of adulticide treatments (C-6). At the beginning of the year URS will work with the NPDES committee to compile a list of products targeted for monitoring that year. Member agencies will be encouraged to report to URS when they are planning to use any of these targeted active ingredients. URS will then decided if the application should be monitored and, if YES, will take all the necessary steps to coordinate and conduct the monitoring event. If NO, agencies will perform routine visual monitoring within 24hrs before the event and within 24 hrs after the event on 10% of the application areas or a minimum of 6 (C-6). Use the monitoring spread sheet provided by the SWRCB to record your monitoring events. This spreadsheet can be found on the MVCAC website under the NPDES Resource Center.
- 6. **Annual Report** (C-7). At the end of each year, agencies have to submit an annual report to SWRCB as well as their regional water boards.

The annual report is comprised of:

• Written report

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- Annual pesticide log
- Map of application areas/sites
- Visual/physical monitoring records (see templates on MVCAC web site).

The annual report should cover the time period from Jan 1 to Dec 31 and is due March 1<sup>st</sup> of the following year. The coalition will produce a separate annual report that will summarize all of the physical and chemical monitoring done during the course of the year.

7. If you have any questions regarding how to comply with your permit, contact your regional representative on the NPDES committee.



#### SAN GABRIEL VALLEY MOSQUITO & VECTOR CONTROL DISTRICT

1145 N. Azusa Canyon Road
West Covina, California 91790
(626) 814-9466 • FAX (626) 337-5686
e-mail: district@sgvmosquito.org

Cities of:

Alhambra

Arcadia

Azusa

Bradbury

Claremont

Covina

Duarte

El Monte

Glendora

Industry

Irwindale

La Puente

La Verne

Monrovia

Monterey Park

Pomona

Rosemead

San Dimas

San Gabriel

Sierra Madre

Temple City

Walnut

West Covina

County of Los Angeles Required NPDES Notification to Potentially Affected Parties

The San Gabriel Valley Mosquito and Vector Control District has a National Pollution Discharge Elimination System (NPDES) permit to apply aquatic pesticides to sources of mosquitoes, black flies, and midges which may reach Waters of the United States. A copy of our permit is available at the District Monday – Fridays from 8:00 am to 3:30 pm (except holidays).

The pesticides we use are regulated by the US Environmental Protection Agency (USEPA) and the Federal Insecticide Fungicide and Rodenticide Act (FIFRA). A
 ruling by the 6<sup>th</sup> Circuit Court of Appeals which is still pending dictates that we must comply with the provisions of the Clean Water Act and obtain a NPDES permit.

Our District has always used education and removed sources of standing water as our primary methods of controlling mosquitoes. Pesticides are applied by trained technicians strictly according to their labels.

We will continue to use the best means possible to protect public health in the San Gabriel Valley.

Sincerely,

Kenn K. Fujioka PhD District Manager

January 25, 2013



#### SAN GABRIEL VALLEY MOSQUITO & VECTOR CONTROL DISTRICT

1145 N. Azusa Canyon Road
West Covina, California 91790
(626) 814-9466 • FAX (626) 337-5686
e-mail: district@sgvmosquito.org

#### Cities of:

Alhambra	March 1, 2013
Arcadia	
Azusa	
Bradbury	State Water Resources Control Board PO Box 100
Claremont	Sacramento, California 95812-0100
Covina	
Duarte	Dear Sir or Madam:
El Monte	Attached is a revised Pesticide Action Plan that should accompany the NOI
Glendora	for Water Quality Order No. 2011-0002-DWQ General Permit No. CAG 990004 for the San Gabriel Valley Mosquito and Vector Control District
Industry	(District).
Irwindale	
La Puente	The NPDES permit states that districts must monitor 10% of Waters of the U.S. within their boundaries. It is our estimation that the District contains
La Verne	approximately 20 primary watersheds that qualify as "Waters of the US."
Monrovia	
Monterey Park	Of these rivers and channels, we have selected ten (10) sites throughout our District, two sites per zone (that believe qualify) as waterways that
Pomona	contribute to the "Waters of the US." We selected a variety of different
Rosemead	source types throughout the District.
San Dimas	The sites selected for visual monitoring represent locations where pesticides
San Gabriel	are applied to the "Waters of the US" under the NPDES permit as we
Sierra Madre	understand it.
Temple City	The attached map depicts "Waters of the US" within the District'
Walnut	boundaries, as well as sites selected for monitoring, and pesticide
West Covina	application. A log of all pesticide applications to "Waters of the US" is also attached.
County of Los Angeles	

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Please contact me if you have any questions. Thank you for your time and consideration.

Sincerely,

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Melvin C. Cook Operations Manager

#### San Gabriel Valley MVCD 2013 NPDES Annual Report

Order # 2011-0002-DWQ NPDES# CAG 990004

#### 1. Annual Report

#### a. Executive Summary

San Gabriel Valley Mosquito & Vector Control District (District) complied with the applicable components of the General NPDES Permit for Biological and Residual Pesticide Discharges from Vector Control Applications (General Permit). No adulticides were applied in 2012. The District continued to follow the guidelines of its PAP.

#### b. <u>Summary of Monitoring Data</u>

Fifteen (15) pesticide application events were monitored at five (5) of the ten (10) selected locations. No pesticide applications were made at the other (5) selected sites during the period visual monitoring was required - no mosquito breeding was found at these sites prior to the date visual monitoring was discontinued in response to the West Nile Virus outbreak. The MVCAC Coalition annual report has been delayed until March 2013. The Coalition report will include the summary of all physical and chemical monitoring to date as highlighted in the permit.

#### c. BMP Identification

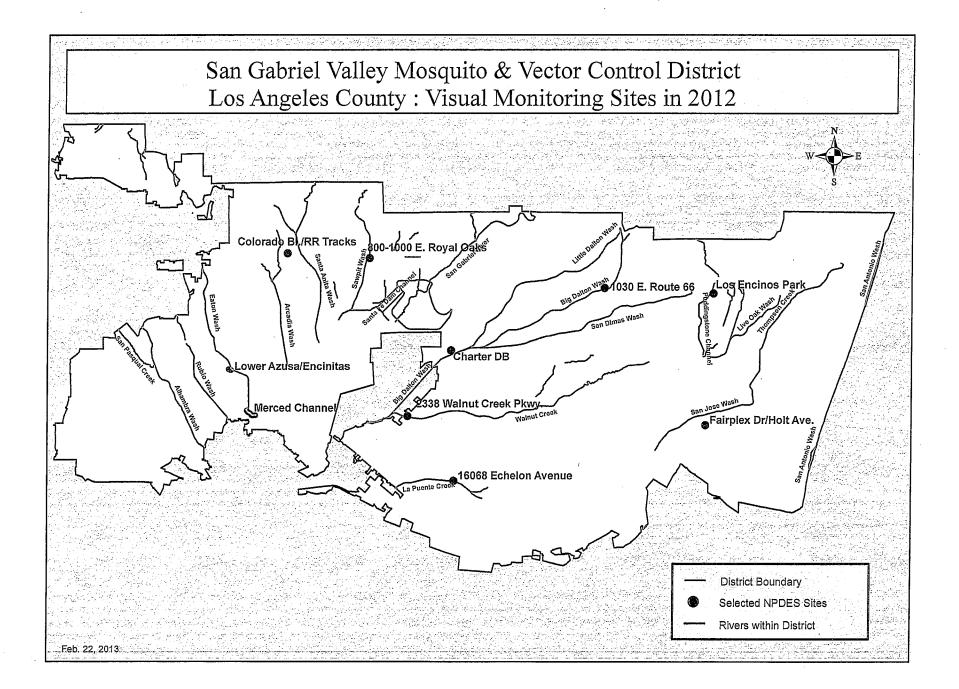
BMPs utilized by the District are outlined in the District's PAP. These include: emphasis on reducing mosquito breeding habitat through non-chemical means, training employees to prevent spills and applying appropriate amount of chemical in each treatment area, calibrate application equipment and use a biology based assessment for determining treatment thresholds.

- <u>Violation Discussion</u> No violations of the General Permit were observed.
- e. <u>Map of Applications</u> See Attachment A
- f. Log of Applications made to Waters of the U.S. Attachment B includes monthly reports of all application data on the covered application areas.
- g. <u>General Information on Applications</u> Included in Attachment B. Dosage, concentration and quantity of each pesticide used are derived from the individual pesticide labels.
- h. <u>Visual Monitoring Data</u> No Visual Monitoring Data has been submitted to the State Water Board in the attached MVP Monitoring Database Form and Monitoring Log Sheets.

i. BMP, PAP, Monitoring Program Recommendations

No recommendations can be made to improve the current BMPs, PAP, or monitoring plan at this point.

- j. <u>Pesticide Application Log made to Waters of the U.S.</u> A representation of the pesticide application log is contained in Attachment B
- 2. Updated PAP Components N/A
- 3. Self Monitoring Reports N/A
- 4. **Monitoring Reports** N/A





# Chemical Usage Detail Report: 1/1/2012 to 7/13/2012

### Pesticide Applications to Selected NPDES Sites

Report Created On: Fri	day, February 22, 2013				
<u>SiteName</u>	FieldTech				
	Date	Area Treated	<u>Treated</u>	Amount	EquipType
Agnique MMF 53263-28			<u>Troucu</u>	Anodin	
Lower Azusa Rd./ Encinita Ave.	Marc Mitchell				
	5/4/2012	716.000 sq ft	0.0200	2.10 fl oz	Spray Bot.
16068 Echelon Avenue	Alfonso Melgoza		0.0200	2.10 11 02	Splay DUL
	5/29/2012	9.000 sq ft	0.0000	0.03 fl oz	Pipette
Colorado Bl (West) / RR Tracks	Jon Halili		0.0000	0.00 11 02	Tipelle
	7/9/2012	30.000 sq ft	0.0000	0.09 fl oz	Spray Bot.
		·		0.017300	2.22
			Usage Totals:	acres	fl oz
ALL 2724-392				uoreo	11 02
4819 Charter St. (Charter DB)	Darrin Jones				
	5/8/2012	1,200.000 sq ft	0.0300	0.07 fl oz	Back Tank
Lower Azusa Rd./ Encinita Ave.	Marc Mitchell				
	7/13/2012	2,000.000 sq ft	0.0500	0.11 fl oz	Back Tank
			Usage Totals:	0.0700	0.18
		,	obuge rotais.	acres	fl oz
Altosid XR Briquet Merced Channel	Marc Mitchell				
	3/19/2012	17,600.000 sq ft	0.4000	195.00 brique	Hand
				0.4000	195.00
			Usage Totals:	acres	briquet
Fourstar Briq 83362-3				acies	niquer
Colorado Bl (West) / RR Tracks	Jon Halili				
	2/13/2012	30.000 sq ft	0.0000	2.00 briqu	Hand
16068 Echelon Avenue	Alfonso Melgoza	•			
	2/24/2012	9.000 sq ft	0.0000	1.00 briqu	Hand
Colorado Bl (West) / RR Tracks	Jon Halili				
	4/27/2012	30.000 sq ft	0.0000	2.00 briqu	Hand
			Usage Totals:	0.001600	5.00
			Usaye Totals.	acres	briquet
Golden Bear 1111 Lary, Oil 832	0_72			46163	Diquet
Lower Azusa Rd./ Encinita Ave.	Marc Mitchell				
	2/22/2012	2,007.200 sq ft	0.0500	00 40 ft	D 1
Merced Channel	Marc Mitchell	2,007.200 SY IL	0.0500	29.40 fl oz	Back Tank
	5/4/2012	7,250.000 sq ft	0.1700	64.00 fl og	Deale Taulo
Merced Channel	Marc Mitchell	7,200.000 SY IL	0.1700	64.00 fl oz	Back Tank
	5/25/2012	4,075.000 sq ft	0.0900	51.20 fl oz	Book Tonk
		.,	0.0000	0.3100	Back Tank <b>29.40</b>
			Usage Totals:	0.3100	29.40
				•	

·				acres	fl oz
VectoBac 12AS 73049-38					
4819 Charter St. (Charter DB)	Darrin Jones				:
Lower Azusa Rd./ Encinita Ave.	5/8/2012	1,200.000 sq ft	0.0300	0.37 fl oz	Back Tank
Lower Azusa Nu./ Enclinita Ave.	Marc Mitchell 7/13/2012	2 000 000 og ft	0.0500	0.00.7	
	1110/2012	2,000.000 sq ft	0.0500	0.62 fl oz	Back Tank
	•		<u>Usage Totals:</u>	0.0700	0.08
VectoBac G 73049-10				acres	fl oz
Merced Channel	Marc Mitchell				
	3/8/2012	21,340.000 sq ft	0.4900	9.79 lb	Granulator
			<u></u>	0.4900	9.79
			Usage Totals:		1
		,		acres	lb
					!
					-
					:
		,			

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Agency:	San Gabriel Valley MVCD		Location	Colorado Blvd West/RR T	racks
Applicator Name:		Jon Halili	Water Body:	Colorado Blvd West/RR Tracks	Channel
Date of Appilcation:		02/13/2012	Description:		
Pesticide	Larvicide FourStar 90 day Briquets		Description.		

	Visual Observation									
	Back	ground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	02/13/2012	Time:	11:27 AM	02/13/2012	Time:	11:29 AM	04/27/2012	Time:	11:39 AM	
Monitors:		Jon Halili			Jon Halili			Jon Halili		
Current Weather:	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			
Water Color & Clarity:	Brown/Cloudy		Brown/Cloudy			Brown/Cloudy				
Floating or Suspended	Not	Bottom	a .		Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	
Aquatic Life:	Not Observed	Surface Oil:		Not Observed	Surface Oil:		Not Observed	Surface Oil:		
Fungi, Slimes or										
Objectionable Growths:		Observed			Observed			Observed		
Other Potential Nuisance:	Heav	y trash accum	ulation		Heavy Trash			Heavy Trash		

	Field Measurement							
Water temperature:								
Method	Field Inst.	Field Inst.	Field Inst.					
Electrical Conductivi	ity:							
Method								
Dissolved oxygen:								
Method								
pH:								
Method								
Turbidity:								
Method								

Agency:		San Gabriel Valley MVCD	Location	Lower Azusa Rd/Encinita	i Ave
Applicator Name:		Marc Mitchell	Water Body:	Lower Azusa Rd/Encinita Ave	Channel
Date of Appilcation:		02/22/2012			
Pesticide	Larvicide Golden Bear 1111		Description:		

	•		V	isual Obser	vation					
	Bacl	ground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	02/22/2012	Time:	10:29 AM	02/22/2012	Time:	11:15 AM	03/01/2012	Time:	9:48 AM	
Monitors:		Marc Mitchel	[		Marc Mitchell			Marc Mitchel	1	
Current Weather:	Clear/sunny/None//Warm/mild			Clear/sunny/None//Warm/mild			Overcast/None//Cool			
Water Color & Clarity:	Brown/Cloudy		Brown/Cloudy			Brown/Cloudy				
Floating or Suspended	Not	Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	
Aquatic Life:	Not Observed	Surface Oil:		Not Observed	Surface Oil:		Not Observed	Surface Oil:		
Fungi, Slimes or										
Objectionable Growths:		Not Observed	ł		Observed			Not Observed	ł	
Other Potential Nuisance:	Tr	ash accumula	tion	Т	rash accumulati	on		None		

	Field Measurement							
Water temperatur	re:							
Method	Field Inst.	Field Inst.	Field Inst.					
Electrical Conduc	ctivity:							
Method								
Dissolved oxyger	n:							
Method								
pH:								
Method								
Turbidity:								
Method			· · · · · · · · · · · · · · · · · · ·					

Agency:		San Gabriel Valley MVCD	Location	16068 Echelon Av	'e.
Applicator Name:		Alfonso Melgoza	Water Body:	Puente Creek Channel	Channel
Date of Appilcation:		02/24/2012	Description:		
Pesticide	Larvicide	FourStar 90 day Briquet	Description.		

Visual Observation									
	Bacl	kground Mon	itoring	Event Monitoring			Post-Event Monitoring		
Date of Monitoring	02/24/2012	Time:	8:58 AM	02/24/2012	Time:	9:05 AM	05/29/2012	Time:	3:00 PM
Monitors:		Alfonso Melgoza Alfonso Melgoza				a		Alfonso Melgo	za
Current Weather:	Clear/sunny/None//Warm/mild			Clear/sunny/None//Warm/mild			Clear/sunny/None//Warm/mild		
Water Color & Clarity:	Colorless/Clear			Colorless/Clear			Colorless/Clear		
Floating or Suspended	Not	Bottom			Bottom			Bottom	
Matter:	Observed	Deposits:	Not Observed	Not Observed	Deposits:	Not Observed	Not Observed	Deposits:	Observed
Aquatic Life:	Not Observed	Surface Oil:		Not Observed	Surface Oil:		Not Observed	Surface Oil:	
Fungi, Slimes or									
Objectionable Growths:		Observed			Observed			Observed	
Other Potential Nuisance:		Algae on botto	m		Algae on bottor	n		Algae	

	Field Measurement							
Water temperature:								
Method	Field Inst.	Field Inst.	Field Inst.					
<b>Electrical Conductivity:</b>								
Method								
Dissolved oxygen:								
Method								
pH:								
Method								
Turbidity:								
Method								

Agency:		San Gabriel Valley MVCD	Location	Merced Channe,I E	Monte
Applicator Name:	Marc Mitchell		Water Body:	Rio Hondo Wash	Channel
Date of Appilcation:		03/08/2012	Description		· · · · · · · · · · · · · · · · · · ·
Pesticide	Larvicide	VectoBac G	Description:		

			V	isual Obse	rvation				
	Bac	kground Moni	toring		Event Monitorin	g	Po	st-Event Monitoring	
Date of Monitoring	03/08/2012	Time:	9:52 AM	03/08/2012	Time:	10:30 AM	03/19/2012	Time:	1:00 PM
Monitors:		Marc Mitchell			Marc Mitchell		Marc Mitchell		
Current Weather:	Clear/sunny/None//Warm/mild			Clear/sunny/None//Warm/mild			Partly cloudy/None//Warm/mild		
Water Color & Clarity:	Colorless/Clear		Colorless/Clear		Brown/Murky				
Floating or Suspended		Bottom			Bottom			Bottom	
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Observed	Deposits:	Observed
Aquatic Life:	Observed	Surface Oil:		Observed	Surface Oil:		Observed	Surface Oil:	
Fungi, Slimes or									
<b>Objectionable Growths:</b>		Observed			Observed			Observed	
Other Potential Nuisance:		None			None			None	

	Field Measurement								
Water temperature:									
Method	Field Inst.	Field Inst.	Field Inst.						
Electrical Conductivity:									
Method									
Dissolved oxygen:									
Method									
pH:									
Method									
Turbidity:									
Method									

Agency:	San Gabriel Valley MVCD		Location	Merced Channel, El Monte	
Applicator Name:	Marc Mitchell		Water Body:	Rio Hondo Wash	Channel
Date of Appilcation:		03/08/2012			
Pesticide	Larvicide Altosid XR Briquets		Description:		

			V	'isual Obse	rvation				
	Bac	kground Moni	toring		Event Monitorin	g	Po	st-Event Monitoring	
Date of Monitoring	03/19/2012	Time:	1:10 PM	03/19/2012	Time:	1:30 PM	05/04/2012	Time:	8:25 AM
Monitors:		Marc Mitchell			Marc Mitchell			Marc Mitchell	
Current Weather:	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild		
Water Color & Clarity:	Brown/Murky		Brown/Clear		Green/Murky				
Floating or Suspended		Bottom			Bottom			Bottom	
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Observed	Deposits:	Observed
Aquatic Life:	Observed	Surface Oil:		Observed	Surface Oil:		Observed	Surface Oil:	
Fungi, Slimes or									
Objectionable Growths:		Observed			Observed			Observed	
Other Potential Nuisance:		None		None		Debris Build up			

	Field Measurement							
Water temperature:								
Method	Field Inst.	Field Inst.	Field Inst.					
Electrical Conductivity:								
Method								
Dissolved oxygen:								
Method								
pH:								
Method								
Turbidity:								
Method								

Agency:	San Gabriel Valley MVCD		Location	W. Colorado Bivd/RR Tracks	
Applicator Name:	Jon Halili		Water Body:	W. Colorado Blvd/RR Tracks	Channel
Date of Appilcation:		04/27/2012			
Pesticide	Larvicide FourStar 90 day Briquets		Description:		

· · · · · · · · · · · · · · · · · · ·			V	isual Obser	vation					
	Back	ground Moni	toring		Event Monitorir	ng	Pos	ost-Event Monitoring		
Date of Monitoring	04/27/2012	Time:	11:29 AM	04/27/2012	Time:	11:39 AM	07/09/2012	Time:	9:43 AM	
Monitors:	1	Jon Halili			Jon Halili			Jon Halili		
Current Weather:	Ov	Overcast/None//Cool			Overcast/None//Cool			Clear/sunny/None//Warm/mild		
Water Color & Clarity:		Brown/Cloudy		Brown/Cloudy			Brown/Cloudy			
Floating or Suspended	Not	Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	
Aquatic Life:	Not Observed	Surface Oil:	Films	Not Observed	Surface Oil:	Films	Not Observed	Surface Oil:		
Fungi, Slimes or							-			
<b>Objectionable Growths:</b>		Observed			Observed		Observed			
Other Potential Nuisance:	Tr	ash accumula	tion	Trash		Algae, trash				

	Field Measurement							
Water temperature:								
Method	Field Inst.	Field Inst.	Field Inst.					
Electrical Conductivity	/:							
Method								
Dissolved oxygen:								
Method								
pH:								
Method								
Turbidity:								
Method								

Agency:	San Gabriel Valley MVCD		Location	Merced Channel/El Monte	
Applicator Name:	Marc Mitchell		Water Body:	Merced Channel	Channel
Date of Appilcation:		05/04/2012			
Pesticide	Larvicide	Golden Bear 1111	Description:		

····			N	/isual Obser	rvation				······
	Bac	kground Moni	toring		Event Monitorin	ng	Po	Post-Event Monitoring	
Date of Monitoring	05/04/2012	Time:	8:40 AM	05/04/2012	Time:	9:00 AM	05/25/2012	Time:	9:10 AM
Monitors:		Marc Mitchell			Marc Mitchell		Marc Mitchell		
Current Weather:	Partly o	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild		Clear/sunny/None//Warm/mild		
Water Color & Clarity:		Brown/Murky		Brown/Murky		Green/Murky			
Floating or Suspended		Bottom			Bottom			Bottom	
Matter:	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	Observed	Deposits:	Observed
Aquatic Life:	Observed	Surface Oil:		Observed	Surface Oil:		Observed	Surface Oil:	
Fungi, Slimes or									
Objectionable Growths:	Not Observed			Not Observed		Observed			
Other Potential Nuisance:		Debris			Debris	·		Debris	

	Field Measurement								
Water temperatu	re:								
Method	Field Inst.	Field Inst.	Field Inst.						
Electrical Condu	ctivity:								
Method									
Dissolved oxyge	n:		· · · · · · · · · · · · · · · · · · ·						
Method									
pH:									
Method									
Turbidity:									
Method									

Agency:	San Gabriel Valley MVCD		Location	Lower Azusa Rd./Encinitas	s Ave
Applicator Name:	Marc Mitchell		Water Body:	Lower Azusa Rd./Encinitas Ave. Channel	
Date of Appilcation:		05/04/2012	Description:	· · · · · · · · · · · · · · · · · · ·	
Pesticide	Larvicide	Agnique MMF	Description.		

			V	isual Obse	rvation					
	Bac	kground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	05/04/2012	Time:	11:10 AM	05/04/2012	Time:	11:15 AM	05/25/2012	Time:	11:20 AM	
Monitors:	Marc Mitchell				Marc Mitchell			Marc Mitchell		
Current Weather:	Partly c	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			Clear/sunny/None//Warm/mild		
Water Color & Clarity:	Brown/Murky			Brown/Murky		Brown/Murky				
Floating or Suspended		Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Observed	Deposits:	Observed	
Aquatic Life:	Observed	Surface Oil:		Observed Surface Oil:		Not Observed Surface Oil:				
Fungi, Slimes or										
<b>Objectionable Growths:</b>		Not Observed	l		Observed		Observed			
Other Potential Nuisance:		Debris			Debris			None		

	Field Measurement									
Water temperature	:									
Method	Field Inst.	Field Inst.	Field Inst.							
Electrical Conduct	ivity:									
Method										
Dissolved oxygen:										
Method										
pH:										
Method										
Turbidity:										
Method										

Agency:	San Gabriel Valley MVCD		Location	4819 Charter St.	
Applicator Name:	Darrin Jones		Water Body:	4819 Charter St.	Open waterway
Date of Appilcation:		05/08/2012	Description:		
Pesticide	Larvicide VectoBac 12AS		Description.		

	<u></u>		V	'isual Obse	rvation					
	Bac	kground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	05/08/2012	Time:	8:16 AM	05/08/2012	Time:	8:26 AM	05/22/2012	Time:	9:16 AM	
Monitors:		Darrin Jones			Darrin Jones			Darrin Jones		
Current Weather:	Partly o	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			Clear/sunny/None//Warm/mild		
Water Color & Clarity:	Colorless/Clear			Colorless/Clear			Colorless/Clear			
Floating or Suspended		Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	
Aquatic Life:	Observed	Surface Oil:		Observed	Surface Oil:		Observed	Surface Oil:		
Fungi, Slimes or										
<b>Objectionable Growths:</b>	L	Observed			Observed		Not Observed		<u>t</u>	
Other Potential Nuisance:		None			None			None		

	Field Measurement									
Water temperature:										
Method	Field Inst.	Field Inst.	Field Inst.							
Electrical Conductivit	y:									
Method										
Dissolved oxygen:										
Method										
pH:										
Method										
Turbidity:										
Method										

Agency:	San Gabriel Valley MVCD		Location	4819 Charter St.		
Applicator Name:	Darrin Jones		Water Body:	4819 Charter St. Open wa		
Date of Appilcation:		05/08/2012	Description:			
Pesticide	Larvicide	Altosid Liquid Larvicide	Description.			

			V	isual Obse	rvation					
	Background Monitoring				Event Monitoring			Post-Event Monitoring		
Date of Monitoring	05/08/2012	Time:	8:16 AM	05/08/2012	Time:	8:26 AM	05/22/2012	Time:	9:16 AM	
Monitors:		Darrin Jones			Darrin Jones			Darrin Jones		
Current Weather:	Partly o	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			Clear/sunny/None//Warm/mild		
Water Color & Clarity:	Colorless/Clear			Colorless/Clear			Colorless/Clear			
Floating or Suspended		Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	
Aquatic Life:	Observed	Surface Oil:		Observed	Surface Oil:		Observed	Surface Oil:		
Fungi, Slimes or										
<b>Objectionable Growths:</b>		Observed			Observed			Not Observed	l	
Other Potential Nuisance:		None			None			None		

	Field Measurement									
Water temperature	9:									
Method	Field Inst.	Field Inst.	Field Inst.							
Electrical Conduct	tivity:									
Method										
Dissolved oxygen	:									
Method										
pH:										
Method										
Turbidity:										
Method										

Agency:	San Gabriel Valley MVCD		Location	Merced Channel	
Applicator Name:	Darrin Jones		Water Body:	Merced Channel	Channel
Date of Appilcation:		05/25/2012			
Pesticide	Larvicide Golden Bear 1111		Description:		

			V	'isual Obse	rvation					
	Bac	kground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	05/25/2012	Time:	9:20 AM	05/25/2012	Time:	9:50 AM	06/13/2012	Time:	12:10 PM	
Monitors:		Marc Mitchell			Marc Mitchell			Marc MItchell		
Current Weather:	Clear/s	Clear/sunny/None//Warm/mild			Clear/sunny/None//Warm/mild			Clear/sunny/None//Hot		
Water Color & Clarity:	Green/Murky		Green/Murky		Brown/Cloudy					
Floating or Suspended		Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Observed	Deposits:	Observed	
Aquatic Life:	Observed	Surface Oil:		Observed	Surface Oil:		Observed	Surface Oil:		
Fungi, Slimes or		· · · · · · · · · · · · · · · · · · ·								
Objectionable Growths:	Observed				Observed		Observed			
Other Potential Nuisance:		Debris			Debris		Debris			

	Field Measurement									
Water temperature:										
Method	Field Inst.	Field Inst.		Field Inst.						
Electrical Conductivity:										
Method										
Dissolved oxygen:										
Method										
pH:										
Method										
Turbidity:										
Method										

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Agency:		San Gabriel Valley MVCD	Location	16068 Echelon
Applicator Name:		Alfonso Melgoza	Water Body:	16068 Echelon (Puente Creek Wash) Channel
Date of Appilcation:		05/29/2012		
Pesticide	Larvicide Agnique MMF		Description:	

			V	/isual Obser	vation					
	Bac	kground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	05/29/2012 <b>Time:</b> 3:02 PM		05/29/2012	Time:	3:05 PM	06/08/2012	Time:	12:49 PM		
Monitors:	Alfonso Melgoza				Alfonso Melgoza			Alfonso Melgoza		
Current Weather:	Clear/sunny/None//Hot			Clear/sunny/None//Hot			Clear/sunny/None//Hot			
Water Color & Clarity:	Colorless/Clear			Colorless/Clear			Colorless/Clear			
Floating or Suspended	Not	Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	
Aquatic Life:	Observed	Surface Oil:		Observed	Surface Oil:		Not Observed	Surface Oil:		
Fungi, Slimes or										
Objectionable Growths:		Observed			Observed			Observed		
Other Potential Nuisance:		None			None			None		

	Field Measurement								
Water temperature:									
Method	Field Inst.	Field Inst.	Field Inst.						
Electrical Conductivity	y:								
Method									
Dissolved oxygen:									
Method									
pH:									
Method									
Turbidity:									
Method	1								

Agency:		San Gabriel Valley MVCD	Location	W. Colorado Blvd./RR Tracks		
Applicator Name:	Jon Halili		Water Body:	W. Colorado Blvd./RR Tracks	Channel	
Date of Appilcation:		07/09/2012				
Pesticide	Larvicide Agnique MMF		Description:			

	- <u></u>		V	/isual Obsei	vation					
	Bacl	Background Monitoring			Event Monitoring			Post-Event Monitoring		
Date of Monitoring	07/09/2012	Time:	9:43 AM	07/09/2012	Time:	9:43 AM	08/08/2012	Time:	8:42 AM	
Monitors:		Jon Halili			Jon Halili			Jon Halili		
Current Weather:	Cle	Clear/sunny/None//Hot			Clear/sunny/None//Hot			Clear/sunny/None//Hot		
Water Color & Clarity:	Brown/Cloudy			Brown/Cloudy			Brown/Cloudy			
Floating or Suspended	Not	Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	Not Observed	Deposits:	Observed	
Aquatic Life:	Not Observed	Surface Oil:		Not Observed	Surface Oil:	·	Not Observed	Surface Oil:		
Fungi, Slimes or										
<b>Objectionable Growths:</b>		Observed			Observed			Observed		
Other Potential Nuisance:		Trash			Trash			None		

	Field Measurement								
Water temperature:									
Method	Field Inst.	Field Inst.	Field Inst.						
Electrical Conductivity:									
Method									
Dissolved oxygen:									
Method									
pH:									
Method									
Turbidity:									
Method									

Agency:	San Gabriel Valley MVCD		Location	Lower Azusa Rd./Encinitas Ave
Applicator Name:		Marc Mitchell	Water Body:	wer Azusa Rd/Encinitas Ave (Eaton Was Channel
Date of Appilcation:		07/13/2012	Description	
Pesticide	Larvicide	VectoBac 12AS	Description:	

			N	isual Obser	vation					
	Bacl	kground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	07/13/2012	Time:	5:51 AM	07/13/2012	Time:	6:30 AM	08/02/2012	Time:	9:29 AM	
Monitors:		Darrin Jones			Marc Mitchell			Marc Mitchell		
Current Weather:	Partly c	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			Clear/sunny/None//Hot		
Water Color & Clarity:		Colorless/Clear			Colorless/Clear			Colorless/Clear		
Floating or Suspended		Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Observed	Deposits:	Observed	
Aquatic Life:	Not Observed	Surface Oil:		Not Observed	Surface Oil:		Not Observed Surface Oil:			
Fungi, Slimes or				,						
<b>Objectionable Growths:</b>		Observed			Observed		Observed			
Other Potential Nuisance:		None			None			None		

	Field Measurement								
Water temperature:									
Method	Field Inst.	Field In	st.	Field Inst.					
Electrical Conductivity:									
Method									
Dissolved oxygen:									
Method									
pH:									
Method									
Turbidity:									
Method									

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Agency:	San Gabriel Valley MVCD		Location	Lower Azusa Rd./Encinitas Ave
Applicator Name:	Marc Mitchell		Water Body:	wer Azusa Rd/Encinitas Ave (Eaton Was Channel
Date of Appilcation:		07/13/2012		
Pesticide	Larvicide	Altosid Liquid Larvicide	Description:	

	· · · · ·		V	/isual Obser	vation	·				
	Bacl	kground Moni	toring		Event Monitoring			Post-Event Monitoring		
Date of Monitoring	07/13/2012	Time:	5:51 AM	07/13/2012	Time:	6:30 AM	08/02/2012	Time:	9:29 AM	
Monitors:		Marc Mitchell			Marc Mitchell			Marc Mitchell		
Current Weather:	Partly c	Partly cloudy/None//Warm/mild			Partly cloudy/None//Warm/mild			Clear/sunny/None//Hot		
Water Color & Clarity:	Colorless/Clear			Colorless/Clear			Colorless/Clear			
Floating or Suspended		Bottom			Bottom			Bottom		
Matter:	Observed	Deposits:	Observed	Observed	Deposits:	Observed	Observed	Deposits:	Observed	
Aquatic Life:	Not Observed	Surface Oil:		Not Observed	Surface Oil:		Not Observed Surface Oil:			
Fungi, Slimes or										
Objectionable Growths:		Observed			Observed			Observed		
Other Potential Nuisance:		None			None			None		

	Field Measurement								
Water temperature:									
Method	Field Inst.	Field Inst.	Field Inst.						
Electrical Conductivity	:								
Method									
Dissolved oxygen:									
Method									
pH:									
Method									
Turbidity:									
Method									

Agency:

San Gabriel Valley MVCD

Construction         Construction<		1	······	Application Info									
22/13/2012         Jon Hall         Colorado Biv/ WestRite Tracids         Colorado Biv/ WestRite Tracids         Channel         Lavidde Foudiaries         Event Tracids         Colorado Biv/ WestRite Tracids         Diver Atuss RefEnchita Ave         Channel         Lavidde Foudiaries         Event Tracids         Colorado Biv/ WestRite Tracids         Colorado Biv/				Name of Water Body	Type of Water Body	Description		Product Name	Time of monitoring			Name(s) of personnel	Overhead Conditions
202132012         Jon Halli         Colonado Bind Westrick Tracks         Channel         Lanvicule FourSize 90 day Phinyses         Point         20212012         11.29 AM Jon Fallin           20222012         Marc Mitchell         Lower Azusa R/Enclinia Ave         Channel         Lavvicule         Fours         20222012         112 AM Jon Fallin         Bookyound         20222012         112 AM Jon Fallin           20222012         Marc Mitchell         Lower Azusa R/Enclinia Ave         Channel         Lavvicule         Goda Bast 1111         Post-Event         022242012         415 AM Marc Mitchell           202242012         Afonso Megoza         10085 Exclain Ave.         Puerte Ceek Channel         Channel         Lavvicule         Fours Marc Mitchell         Bookground         022242012         436 AM Affonso Megoza           202842012         Marc Mitchell         Marc Mitchell         Marc Mitchell         Bookground         02242012         406 AM Affonso Megoza           20282012         Marc Mitchell         Marc Mitchell         Marc Mitchell         Marc Mitchell         Bookground         02242012         401 AM         401 Affonso           20282012         Marc Mitchell         Marc Mitchell         Marc Mitchell         Marc Mitchell         Marc Mitchell         Marc Mitchelll         401 Affonso         401 Affonso Mego		•		· · · · · · · · · · · · · · · · · · ·					Background	02/13/2012	11:27 AM	Jon Halili	Partly cloudy
U2222012         Marc Mitchell         Cover Azusa R/Enclorida Ave Uner Azusa R/Encluida Ave Uner Azusa R/E							Larvicide	FourStar 90 day Briquets	Event	02/13/2012	11:29 AM	Jon Halili	Partly cloudy
02222012         Marc Mitchell         Lower Azusa Raffencinita Ave         Channel         Landada Godes Beart 111         Bolkginum         D0222010         10724 AM Marc Mich           02222012         Marc Mitchell         Lower Azusa Raffencinita Ave         Channel         Landada Godes Beart 111         Bolkginum         D02240012         157.8 M Marc Mich           02242012         Alfonso Mejozza 19665 Echelon Ave.         Puerte Creek Channel         Channel         Landada Foudida Foudiar Do day Briquet         Poet-Event         02242012         30.6 M Alfonso Mejozza 10665 Echelon Ave.           02242012         Alfonso Mejozza 16665 Echelon Ave.         Puerte Creek Channel         Channel         Landada VedtoBac G         BoetSprunt         05252021         30.0 PM Alfonso Mejozza 10658 Echelon Ave.         Puerte Creek Channel         Channel         Landada VedtoBac G         BoetSprunt         05252021         30.0 PM Alfonso Mejozza 10630 AM Alfonso Mejozza 10640 AM Alfonso Mejozza 10630 AM Alfonso Mejozza 10640 AM Alfonso Mejoz							Larvicide	FourStar 90 day Briquets	Post-Event	04/27/2012	11:39 AM	Jon Halili	Partly cloudy
02222012         Marc Mitchell         Lower Ausa RdEnchita Ave         Over Ausa RdEnchita Ave         Over Ausa RdEnchita Ave         Post Event         0224/2012         Alfranse Melgoza         115 p.M. March Mich           0224/2012         Alfranse Melgoza         16668 Echelon Ave.         Puerte Creek Channel         Channel         Lavidde FourSter 00 day Brique         Event         0224/2012         956 AM         Alfranse Melgoza           03052012         Marc Mitchell         Merced Channel, El Monte         Rich Hondo Vash         0224/2012         956 AM         Alfranse Melgoza         0308/2012         952 AM         Marc Mitchell           03052012         Marc Mitchell         Merced Channel, El Monte         Rich Hondo Vash         Channel         Lavidde VectoBac G         Event         0308/2012         952 AM         Marc Mitchell           03092012         Marc Mitchell         Merced Channel, El Monte         Rich Hondo Vash         Channel         Lavidde VectoBac G         Poet-Fwert         0308/2012         110 PM         Marc Mitchell           03092012         Marc Mitchell         Merced Channel, El Monte         Rich Hondo Vash         Channel         Lavidde VectoBac G         Poet-Fwert         0308/2012         110 PM         Marc Mitchell           03092012         Marc Mitchell         Merced Channel				· · · · · · · · · · · · · · · · · · ·			Larvicide	Golden Bear 1111	Background	02/22/2012	10:29 AM	Marc Mitchell	Clear/sunny
02242012         Afforse Meigoza         1908 Echelon Ave.         Puente Creek Channel         Channel         Lankida         Function of the State							Larvicide	Golden Bear 1111	Event	02/22/2012	11:15 AM	Marc Mitchell	Clear/sunny
202242012       Affores Melgoza       19088 Echelon Ave.       Puente Creek Channel       Lanvida F-undate of up Bruck       background       002/2012       303.0 AI       Affores Melgoza       1908 Echelon Ave.       003.0 AI       Affores Melgoza       1908 Echelon Ave.       190.0 AI       Affores Melgoza       190.0 AI       Affores Mel							Larvicide	Golden Bear 1111	Post-Event	03/01/2012	9:48 AM	Marc Mitchell	Overcast
02242012         Avfonso Medigoza         16008 Echelon Ave.         Puents Croak Channel         Lanvicide Fouristics Poly Relations         02442012         30.0 PM AV           030982012         Marx Mitchell         Merced Channel, El Monte         Ri Hondo Wash         Channel         Lanvicide VectoBac G         Bouquot         00082012         30.0 PM Marx Mitchell         00082012         Marx Mitchell         Merced Channel, El Monte         Ri Hondo Wash         Channel         Lanvicide VectoBac G         Bouquot         00082012         10.0 PM Marx Mitchell		•					Larvicide	FourStar 90 day Briquet	Background	02/24/2012	8:58 AM	Alfonso Melgoza	Clear/sunny
303022012         Marc Mitchell         Merced Channel, El Monte         Rib Hando Wash         Channel         Lanvidia Fucibialia (National Politikalia)         Sector 10         <		•					Larvicide	FourStar 90 day Briquet	Event	02/24/2012	9:05 AM	Alfonso Melgoza	Clear/sunny
0.3006.2012         Mitch Mitchell         Mitch Mitchell         Mitch Mitchell         Mitch Mitchell         9:52 AM         Marc Mitchell           0.3006.2012         Marc Mitchell         Mitch Mitchell         Mitchell Mitchell         0:3006.2012         1:000 AM         Mitchell         0:3006.2012         1:000 AM         0:3006.2012         1:000 AM         Mitchell         0:3006.2012         1:000 AM         0:3006.2012         1:000 AM         Mitchell         0:3006.2012         1:000 AM		0.00					Larvicide	FourStar 90 day Briquet	Post-Event	05/29/2012	3:00 PM	Alfonso Melgoza	Clear/sunny
Outcomposition         Anare Mitcheller         Merced Chammel EI Monte         Kole Mondo Wash         Channel         Larvicide VectoBac G         Event         03/08/2012         10:30 AUM Marc Mitchell           03/08/2012         Marc Mitchell         Merced Chammel, EI Monte         Rio Hondo Wash         Channel         Larvicide Attosis XR Briquets         Event         03/19/2012         1:30 PM< Marc Mitchell			-		Channel		Larvicide	VectoBac G	Background	03/08/2012	9:52 AM	Marc Mitchell	Clear/sunny
Opposite         Marc Mitchell         Merced Channel, El Monte         Rio Hondo Wash         Channel         Lanvicide         Allosid XR Briquets         Desire-Venil         D31/8/2012         1:00 PM         Marc Mitchell           0306/02012         Marc Mitchell         Merced Channel, El Monte         Rio Hondo Wash         Channel         Lanvicide         Allosid XR Briquets         Event         031/8/2012         1:30 PM         Marc Mitchell           04/27/2012         Jon Halli         W. Colorado BlwdRR Tracks         Channel         Lanvicide         Fuelts         Event         031/8/2012         1:30 PM         Marc Mitchell           04/27/2012         Jon Halli         W. Colorado BlwdRR Tracks         Channel         Lanvicide         Fuelts         Event         04/27/2012         1:12 8AM         Jon Halli         Event         06/04/2012         Marc Mitchell         Merced Channel/El Morte         Merce Channel/El Morte         Merced Channel/El Morte         Merce Mitchell         Lanvicide Market Mitchell         Merce Mitchell					Channel		Larvicide	VectoBac G	Event			Marc Mitchell	Clear/sunny
02008/2012       Marc Mitchell       Merced Channel, El Monte       Rio Hondo Wash       Channel       Lanviced A Bridgets       Seakuputes       Seakuputes       Control       130 PM Marc Mitchel         02008/2012       Jon Halli       W. Colorado Bivd/RT Tracks       Channel       Lanviced Alosid XR Briquets       Post-Event       05/04/2012       2:5 AM       Marc Mitchel         04/27/2012       Jon Halli       W. Colorado Bivd/RT Tracks       Channel       Lanviced FourStar 80 day Briquets       Event       04/27/2012       11:3 9 AM       Jon Halli       V. Colorado Bivd/RT Tracks       Channel       Lanviced FourStar 80 day Briquets       Event       04/27/2012       11:3 9 AM       Jon Halli       V. Colorado Bivd/RT Tracks       Channel       Lanviced FourStar 80 day Briquets       Event       04/27/2012       11:3 9 AM       Jon Halli       Jon Halli       Lanviced FourStar 80 day Briquets       Event       04/27/2012       9:4 3 AM       Jon Halli       Lanviced FourStar 80 day Briquets       Event       06/4/2012       9:4 3 AM       Jon Halli       Lanviced FourStar 80 day Briquets       Event       06/4/2012       9:4 3 AM       Jon Halli       Lanviced FourStar 80 day Briquets       Event       06/4/2012       11:3 AM Marc Mitchel       Marc Mitchel       Lanviced FourStar 80 day Briquets       Event       06/4/2012       11:3 AM Marc Mitchel	1				Channel		Larvicide	VectoBac G	Post-Event	03/19/2012	1:00 PM	Marc Mitchell	Partly cloudy
02008/2012         Marc Mitchell         Merced Channel, El Monte         Ein Hondo Wash         Channel         La Nucléa Aussi XR Briquels         Post-Event         05/19/2012         1:30 PM         Marc Mitchell           04/27/2012         Jon Halli         W. Colorado Blw/RR Tracks         Channel         Larvicide Aussi XR Briquels         Post-Event         05/04/2012         Background         04/27/2012         1:30 PM         Marc Mitchell         Beckground         04/27/2012         1:32 PM         Marc Mitchell         Beckground         04/27/2012         1:32 PM         Marc Mitchell         Beckground         04/27/2012         3:43 AM         Marc Mitchell         Social State St					Channel		Larvicide	Altosid XR Briquets	Background	03/19/2012	1:10 PM	Marc Mitchell	Partly cloudy
Usualization         Marce Mitchell         Marced Channel, El Monte         Rio Hondo Wash         Channel         Larvicide Autosit XR Briquets         Post-Event         05/04/2012         8:25 AM         Marce Mitchell           04/27/2012         Jon Halli         W. Colorado Blud/RR Tracks         Channel         Larvicide FourStar 90 day Briquets         Event         04/27/2012         11:39 AM         Jon Halli           04/27/2012         Jon Halli         W. Colorado Blud/RR Tracks         Channel         Larvicide FourStar 90 day Briquets         Event         04/27/2012         9:43 AM         Jon Halli           00/04/2012         Marced Channel/El Monte         Merced Channel         Channel         Larvicide Golden Beer 1111         Event         05/04/2012         9:43 AM         AM are Mitchell           00/04/2012         Marced Mitchell         Merced Channel         Channel         Larvicide Agrique MMF         Event         05/04/2012         9:10 AM         Marced Mitchell         New Auss Rd/Encinitas Ave         Channel         Larvicide Agrique MMF         Event         05/04/2012         11:13 AM         Marced Mitchell         New Auss Rd/Encinitas Ave         Channel         Larvicide Agrique MMF         Event         05/04/2012         11:15 AM         Marced Mitchell         New Auss Rd/Encinitas Ave         Channel         Larvicide Agrique MM					Channel		Larvicide	Altosid XR Briquets	Event	03/19/2012	1:30 PM	Marc Mitchell	Partly cloudy
04/27/2012       Jon Halli       W. Colorado Bud/RR Tracks       Clamina       Lavida FourStar 90 day Briquets       Background       04/27/2012       11/29 AM Jon Halli         04/27/2012       Jon Halli       W. Colorado Bud/RR Tracks       Channel       Lavida FourStar 90 day Briquets       Port       04/27/2012       943 AM Jon Halli         05/04/2012       Marc Mitchell       Merced Channel/El Monte       Merced Channel       Channel       Lavida FourStar 90 day Briquets       Port-Event       06/27/2012       943 AM Jon Halli         05/04/2012       Marc Mitchell       Merced Channel/El Monte       Merced Channel       Channel       Lavida FourStar 90 day Briquets       Port-Event       06/27/2012       9:00 AM Marc Mitchell         05/04/2012       Marc Mitchell       Merced Channel/El Monte       Merced Channel       Lavida FourStar 90 day Briquets       Event       06/27/2012       9:00 AM Marc Mitchell         05/04/2012       Marc Mitchell       Lower Azusa Rd/Encinitas Ave.       Channel       Lavida FourStar 90 day Briquets       Event       06/27/2012       11:10 AM Marc Mitchell         05/08/2012       Darrin Jones       4819 Charter St.       Open waterway       Lavidae Kopinue MMF       Event       06/26/2012       11:20 AM Jon Marc Mitchell         05/08/2012       Darrin Jones       4819 Charter St. <t< td=""><td></td><td></td><td></td><td></td><td>Channel</td><td></td><td>Larvicide</td><td>Altosid XR Briquets</td><td>Post-Event</td><td></td><td></td><td>Marc Mitchell</td><td>Partly cloudy</td></t<>					Channel		Larvicide	Altosid XR Briquets	Post-Event			Marc Mitchell	Partly cloudy
04/27/2012         Jon Halli         W. Colorado Blvd/RP Tracks         Diama         Lanvicide Fourstar 90 day Briques         DeviE-tevent         07/09/2012         84.34 M Jon Halli           05/04/2012         Marce Mitchell         Merced Channel/El Monte         W. Colorado Blvd/RP Tracks         Channel         Lanvicide Golden Bear 1111         Background         05/04/2012         84.04 M Arce Mitchell           05/04/2012         Marce Mitchell         Merced Channel/El Monte         Merced Channel         Channel         Lanvicide Golden Bear 1111         Post-Event         05/04/2012         94.04 M Marc Mitchell           05/04/2012         Marce Mitchell         Lower Azusa Rd /Enclinitas Ave         Channel         Lanvicide Agrique MMF         Background         05/04/2012         91.04 M Marce Mitchell           05/04/2012         Marce Mitchell         Lower Azusa Rd /Enclinitas Ave         Channel         Lanvicide Agrique MMF         Event         05/08/2012         91.10 AM Marce Mitchell           05/04/2012         Darin Jones         4819 Charter St.         Qpen waterway         Lanvicide VectoBac 12AS         Background         05/08/2012         81.16 AM Darin Jone           05/08/2012         Darin Jones         4819 Charter St.         Qpen waterway         Lanvicide VectoBac 12AS         Bockground         05/08/2012         8:16 AM Darin Jone </td <td></td> <td></td> <td></td> <td></td> <td>Channel</td> <td></td> <td>Larvicide</td> <td>FourStar 90 day Briquets</td> <td>Background</td> <td>04/27/2012</td> <td>11:29 AM</td> <td>Jon Halili</td> <td>Overcast</td>					Channel		Larvicide	FourStar 90 day Briquets	Background	04/27/2012	11:29 AM	Jon Halili	Overcast
UM2/21/21/2         Jon Halli         W. Colorado Blvd/RR Tracks         W. Colorado Blvd/RR Tracks         W. Colorado Blvd/RR Tracks         Channel         Larvicide FourStar 90 day Briquets         Post-Event         07/09/2012         9:43 AM         Jon Halli           95/04/2012         Marc Mitchell         Merced Channel/El Monte         Merced Channel         Channel         Larvicide Golden Bear 1111         Event         05/04/2012         8:40 AM         Marc Mitchell         Event         05/04/2012         9:10 AM         Marc Mitchell         Event         05/04/2012         1:11:10 AM         Marc Mitchell         Event         05/04/2012         1:11:0 AM         Marc Mitchell         Event <td< td=""><td></td><td></td><td></td><td></td><td>Channel</td><td></td><td>Larvicide</td><td>FourStar 90 day Briquets</td><td>Event</td><td></td><td></td><td></td><td>Overcast</td></td<>					Channel		Larvicide	FourStar 90 day Briquets	Event				Overcast
Upb0/4/2012Marc MitchellMerced ChannelMerced ChannelChannelLarvicide Golden Bear 1111Background05/04/20128:40 AMMarc Mitchell05/04/2012Marc MitchellMerced Channel/EI MonteMerced ChannelChannelLarvicide Golden Bear 1111Event05/04/20129:00 AMMarc Mitchell05/04/2012Marc MitchellLower Azusa Rd/Encinitas AveChannelLarvicide Agnique MMFBackground05/04/201211:10 AMMarc Mitchell05/04/2012Marc MitchellLower Azusa Rd/Encinitas AveChannelLarvicide Agnique MMFEvent05/02/201211:10 AMMarc Mitchell05/04/2012Darrin Jones4819 Charter St.4819 Charter St.Open waterwayLarvicide VectoBac 12ASEvent05/08/20128:16 AM05/08/2012Darrin Jones4819 Charter St.4819 Charter St.Open waterwayLarvicide VectoBac 12ASEvent05/08/20128:16 AM05/08/2012Darrin Jones4819 Charter St.Af19 Charter St.Open waterwayLarvicide Atosial Liguid LarvicideBackground05/08/20128:16 AM05/08/2012Darrin Jones4819 Charter St.Open waterwayLarvicide Atosial Liguid LarvicideBackground05/08/20128:16 AMDarrin Jone05/08/2012Darrin Jones4819 Charter St.Open waterwayLarvicide Atosial Liguid LarvicideEvent05/08/20128:26 AMDarrin Jone05/08/2012Darrin Jones4819 Charter St.Open waterwayLarvicide Atosial Liguid Larvicide					Channel		Larvicide	FourStar 90 day Briquets	Post-Event				Clear/sunny
05/04/2012         Marc Mitchell         Merced Channel/El Monte         Merced Channel         Channel         Larvicide Golden Bear 1111         Event         05/04/2012         910 AM         Marc Mitchell           05/04/2012         Marc Mitchell         Lower Azusa Rd /Enclinitas Ave         Channel         Larvicide Agnique MMF         Background         05/04/2012         11:10 AM         Marc Mitch           05/04/2012         Marc Mitchell         Lower Azusa Rd /Enclinitas Ave         Channel         Larvicide Agnique MMF         Event         05/04/2012         11:10 AM         Marc Mitchell           05/04/2012         Darin Jones         4819 Charter St.         Open waterway         Larvicide VectoBac 12AS         Background         05/08/2012         8:16 AM         Darin Jones         4819 Charter St.         Open waterway         Larvicide VectoBac 12AS         Background         05/08/2012         8:16 AM         Darin Jones           05/08/2012         Darin Jones         4819 Charter St.         4819 Charter St.         Open waterway         Larvicide VectoBac 12AS         Post-Event         05/08/2012         8:16 AM         Darin Jones           05/08/2012         Darin Jones         4819 Charter St.         Open waterway         Larvicide Altosid Liquid Larvicide         Bockground         05/08/2012         8:16 AM         Darin Jone				Merced Channel	Channel				Background			Marc Mitchell	Partly cloudy
05/04/2012Marc MitchellMerced Channel/El MonteMerced ChannelChannelLarvicide Golden Bear 1111Post-Event05/26/20129:10 AMMarc Mitchell05/04/2012Marc MitchellLower Azusa Rd/Encinitas AveChannelLarvicide Agrique MMFEvent05/04/201211:10 AMMarc Mitchell05/04/2012Marc MitchellLower Azusa Rd/Encinitas AveChannelLarvicide Agrique MMFEvent05/04/201211:10 AMMarc Mitchell05/08/2012Darrin Jones4819 Charter St.4819 Charter St.4819 Charter St.4819 Charter St.06/08/2012Bark Murch05/08/20128:16 AMDarrin Jone05/08/2012Darrin Jones4819 Charter St.4819 Charter St.4819 Charter St.Open waterwayLarvicide VecloBac 12ASPost-Event05/08/20128:16 AMDarrin Jone05/08/2012Darrin Jones4819 Charter St.4819 Charter St.Open waterwayLarvicide Altosid Liquid LarvicideBackground05/08/20128:16 AMDarrin Jone05/08/2012Darrin Jones4819 Charter St.4819 Charter St.Open waterwayLarvicide Altosid Liquid LarvicideBackground05/08/20128:16 AMDarrin Jone05/08/2012Darrin JonesMerced ChannelMerced ChannelChannelLarvicide Golden Bear 1111Background05/08/20128:26 AMDarrin Jone05/08/2012Darrin JonesMerced ChannelMerced ChannelChannelLarvicide Altosid Liquid LarvicidePost-Event05/08/20128:26 AM <td< td=""><td></td><td></td><td></td><td>Merced Channel</td><td>Channel</td><td></td><td>Larvicide</td><td>Golden Bear 1111</td><td>•</td><td></td><td></td><td>Marc Mitchell</td><td>Partly cloudy</td></td<>				Merced Channel	Channel		Larvicide	Golden Bear 1111	•			Marc Mitchell	Partly cloudy
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Ub/04/2012Marc MitchellLower Azusa Rd/Enclinitas AveLower Azusa Rd/Enclinitas AveChannelLarvicide Agnique MMFEvent05/04/201211:15 AMMarc Mitchell05/04/2012Darrin Jones4819 Charter St.4819 Charter St.				Lower Azusa Rd./Encinitas Ave.	Channel		Larvicide	Agnique MMF		-			Partly cloudy
Upbull Upbull				Lower Azusa Rd./Encinitas Ave.	Channel								Partly cloudy
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05/08/2012 05/08/2012Darrin Jones4819 Charter St.4819 Charter St.Open waterway 05/08/2012Larvicide VectoBac 12ASPost-Event05/22/20129:16 AMDarrin Jones05/08/2012 05/08/2012Darrin Jones4819 Charter St.4819 Charter St.05/22/20129:16 AMDarrin Jones05/08/2012 05/25/2012Darrin JonesMerced ChannelMerced ChannelChannelLarvicide Golden Bear 1111Event05/25/20129:20 AMMarc Mitch05/25/2012 05/25/2012Darrin JonesMerced ChannelMerced ChannelChannelLarvicide Golden Bear 1111Post-Event06/13/20129:20 AMMarc Mitch05/29/2012 05/29/2012Alfonso Melgoza16068 Echelon16068 Echelon (Puente Creek Wash)ChannelLarvicide Agnique MMFEvent06/29/20123:02 PMAlfonso Mel05/29/2012 07/09/2012Jon HaliliW. Colorado Blvd /RR TracksChannelLarvicide Agnique MMFPost-Event06/08/20129:43 AMJon Halili07/09/2012 07/13/2012Jon HaliliW. Colorado Blvd /RR TracksChannelLarvicide Agnique MMFPost-Event06/08/20129:43 AMJon Halili07/13/2012 07/13/2012Jon HaliliW. Colorado Blvd /RR TracksChannelLarvicide Agnique MMF <td< td=""><td></td><td></td><td></td><td></td><td>Open waterway</td><td></td><td>Larvicide</td><td>VectoBac 12AS</td><td>•</td><td></td><td></td><td></td><td>Partly cloudy</td></td<>					Open waterway		Larvicide	VectoBac 12AS	•				Partly cloudy
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U05/29/2012Alfonso Melgoza16068 Echelon16068 Echelon (Puente Creek Wash)ChannelLarvicide Agnique MMFPost-Event06/08/201212:49 PMAlfonso Melgoza12:49 PMAlfonso Melgoza16068 Echelon12:49 PMAlfonso Melgoza12:49 PMAlfonso Melgoza12:49 PMAlfonso Melgoza16068 Echelon12:49 PMAlfonso Melgoza12:49 PMAlfonso Melgoz		•		16068 Echelon (Puente Creek Wash)	Channel							Alfonso Melgoza	
07/09/2012       Join Hallii       W. Colorado Bivd./RR Tracks       W. Colorado Bivd./RR Tracks       Channel       Larvicide Agnique MMF       Background       07/09/2012       9:43 AM       Jon Hallii         07/09/2012       Jon Hallii       W. Colorado Bivd./RR Tracks       W. Colorado Bivd./RR Tracks       Channel       Larvicide Agnique MMF       Event       07/09/2012       9:43 AM       Jon Hallii         07/09/2012       Jon Hallii       W. Colorado Bivd./RR Tracks       W. Colorado Bivd./RR Tracks       Channel       Larvicide Agnique MMF       Event       07/09/2012       9:43 AM       Jon Hallii         07/09/2012       Jon Hallii       W. Colorado Bivd./RR Tracks       W. Colorado Bivd./RR Tracks       Channel       Larvicide Agnique MMF       Post-Event       08/08/2012       8:42 AM       Jon Hallii         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave (Eaton Wash)       Channel       Larvicide VectoBac 12AS       Background       07/13/2012       6:30 AM       Marc Mitchell         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave (Eaton Wash)       Channel       Larvicide VectoBac 12AS       Event       07/13/2012       6:30 AM       Marc Mitchell         07/13/2012       Marc Mitchell       Lower Azusa Rd./En		•		16068 Echelon (Puente Creek Wash)	Channel								
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07/09/2012       Jon Halili       W. Colorado Blvd./RR Tracks       W. Colorado Blvd./RR Tracks       W. Colorado Blvd./RR Tracks       Channel       Larvicide Agnique MMF       Post-Event       08/08/2012       8:42 AM       Jon Halili         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Sign Adve       Sign Adve       Jon Halili         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Leaton Wash)       Channel       Larvicide VectoBac 12AS       Background       07/13/2012       6:30 AM       Marc Mitchel         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Leaton Wash)       Channel       Larvicide VectoBac 12AS       Event       07/13/2012       6:30 AM       Marc Mitchel         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Ceaton Wash)       Channel       Larvicide VectoBac 12AS       Post-Event       08/02/2012       9:29 AM       Marc Mitchel         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Ceaton Wash)       Chan			W. Colorado Blvd./RR Tracks	W. Colorado Blvd./RR Tracks	Channel			• •	• .				Clear/sunny
D7/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Lewer Azusa Rd/Encinita			W. Colorado Blvd./RR Tracks	W. Colorado Blvd./RR Tracks	Channel			•					Clear/sunny
07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Channel       Larvicide       VectoBac 12AS       Event       07/13/2012       6:30 AM       Marc Mitchell         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Leton Wash)       Channel       Larvicide       VectoBac 12AS       Event       07/13/2012       6:30 AM       Marc Mitchell         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Leton Wash)       Channel       Larvicide       VectoBac 12AS       Post-Event       08/2/2012       9:29 AM       Marc Mitchell         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd/Encinitas Ave       Leton Wash)       Channel       Larvicide       Larvicide       Background       07/13/2012       5:51 AM       Marc Mitchell         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd./Encinitas Ave       Leton Wash)       Channel       Larvicide       Larvicide       Background       07/13/2012       5:51 AM       Marc Mitchell         07/13/2012       Marc Mitchell       Lower Azusa Rd./Encinitas Ave       Lower Azusa Rd./E				Lower Azusa Rd/Encinitas Ave (Eaton Wash)	Channel								Partly cloudy
07/13/2012         Marc Mitchell         Lower Azusa Rd./Encinitas Ave         Lower Azusa Rd/Encinitas Ave <td></td> <td></td> <td>Lower Azusa Rd./Encinitas Ave</td> <td>Lower Azusa Rd/Encinitas Ave (Eaton Wash)</td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td>Partly cloudy</td>			Lower Azusa Rd./Encinitas Ave	Lower Azusa Rd/Encinitas Ave (Eaton Wash)					•				Partly cloudy
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07/13/2012 Marc Mitchell Lower Azusa Rd./Encinitas Ave Lower Azusa Rd/Encinitas Ave (Eaton Wash) Channel Larvicide Altosid Liquid Larvicide Post-Event 08/02/2012 9:29 AM Marc Mitchell	//13/2012	Marc Mitchell	Lower Azusa Rd./Encinitas Ave	Lower Azusa Rd/Encinitas Ave (Eaton Wash)									Clear/sunny

Weather Cond	ditions		Visual Observation									- Field Measurements								
Air		Air	Electing/Supponded Bottom						Water Fungi, Slimes or Potential Nuisance			Flectrical Dissolved								
Precipitation	Wind	Temperature		Water Clarity	Matter	Deposits	Aquatic Life	Surface Oils	objectionable growths	Conditions	Water Temperature	Model	condutivit y (EC)				HModel	Turbidity	Model	
None		Warm/mild		•	Not Observed	Observed	Not Observed		Observed	Heavy trash accumulation		Field Inst./		1	()	1	1		7	
None		Warm/mild			Not Observed	Observed	Not Observed		Observed	Heavy Trash		Field Inst./		/		1	1 .		1	
None		Warm/mild			Not Observed	Observed	Not Observed		Observed	Heavy Trash		Field Inst./		/		1	1		1	
None		Warm/mild		•	Not Observed	Observed	Not Observed		Not Observed	Trash accumulation		Field Inst./		/		1	1		1	
None		Warm/mild		•	Not Observed	Observed	Not Observed	•	Observed	Trash accumulation		Field Inst./		/		1	1		1	
None		Cool			Not Observed		Not Observed		Not Observed	None		Field Inst./		/		1	1		1	
None None		Warm/mild				Not Observed			Observed	Algae on bottom		Field Inst./		/		1	1		1	
		Warm/mild				Not Observed			Observed	Algae on bottom		Field Inst./		/		1	1		1	
None		Warm/mild					Not Observed		Observed	Algae		Field Inst./		1		1	1		1	
None		Warm/mild			Observed	Observed	Observed		Observed	None		Field Inst./		/		1	1		1	
None		Warm/mild			Observed	Observed	Observed		Observed	None		Field Inst./		/		1	1		1	
None		Warm/mild		-		Observed	Observed		Observed	None		Field Inst./		/		1	1		1	
None		Warm/mild			•·· ·	Observed	Observed		Observed	None		Field Inst./		/		1	1		1	
None		Warm/mild					Observed		Observed	None		Field Inst./		/		1	1		1	
None None			_	,		Observed	Observed	-	Observed	Debris Build up		Field Inst./		1		1	1		1	
			-				Not Observed		Observed	Trash accumulation		Field Inst./		/		1	1		1	
None None		Cool Warm/mild		-			Not Observed	Films	Observed	Trash		Field Inst./		/		1	1		1	
None				•			Not Observed		Observed	Algae, trash		Field Inst./		/		/	1		1	
							Observed		Not Observed	Debris		Field Inst./		/		1	1		1	
None							Observed		Not Observed	Debris		Field Inst./	1	/		/	1		1	
None None							Observed		Observed	Debris		Field Inst./		/	1	1	1		1	
None .							Observed		Not Observed	Debris		Field Inst./	1	/		/	1		1	
None							Observed		Observed	Debris .		Field Inst./	1	/		/	1		1	
None							Not Observed		Observed	None		Field Inst./	/	· .		1	1		1	
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None							Observed		Observed	None		Field Inst./	1			1	1		1	
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None							Observed		Observed	Debris		Field Inst./	1				1		1	
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None				*		Observed	Not Observed Not Observed			None		Field Inst./	. /				1		1	
None				,			Not Observed			Trash		Field Inst./	. /				1		1	
None				-			Not Observed			Trash		Field Inst./	1				1		1	
None							Not Observed			None		Field Inst./	1		1		1		1	
None							Not Observed			None		Field Inst./	1				1		1	
None							Not Observed			None		-ield Inst./	1		1		1		1	
None										None		Field Inst./	1		1		1		1	
None							Not Observed			None		Field Inst./	1		1		1		1	
None					<b>.</b> .		Not Observed			None		ield Inst./	1		1		1		1	
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