

Solano County Mosquito Abatement District

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Meetings: Second Monday Every Month
7:30 P.M.

February 28, 2013

MAR 01 2013

State Water Resources Control Board
Attn: Phil Isorena
1001 I St.
Sacramento, CA 95814

Re: Solano County Mosquito Abatement District 2012 NPDES
Annual Report, Order # 2012-0003-DWQ NPDES # CAG 990004
Enrollee # 5A48NP00001

Dear Mr. Isorena:

Enclosed herein please find one hard copy of the 2012 Annual Report prepared by the Solano County Mosquito Abatement District. Hard copies are also being sent to the San Francisco Bay Regional Quality Control Board (2) and the Central Valley Regional Water Quality Control Board (5).

If you should have any questions please do not hesitate to contact me at (707) 437-1116 or SOLMAD@AOL.COM.

Sincerely,



Jon A. Blegen
Manager

cc: Gil Vazquez, State Water Resources Control Board
Farhad Azimzadeh, San Francisco Bay Regional Water Quality Control Board
Rudy Schnagl, Central Valley Regional Water Quality Control Board, Sacramento

1. Annual Report

a. Executive Summary

The Solano County Mosquito Abatement District ("District") is a special district responsible for mosquito abatement throughout the incorporated and unincorporated areas of Solano County, which covers 829 square miles. The District operates in both the Central Valley Regional Board (Region 5) and the San Francisco Bay Regional Water Quality Control Board (Region 2). The District operates under the General NPDES Permit for Biological and Residual Pesticide Discharges from Vector Control Applications (General Permit). The District is a member of the MVCAC NPDES Permit Coalition.

The District made 320 applications to the waters of the U.S. during the 2012 calendar year. The log of these applications can be found in Attachment B. The District performed Visual Monitoring of >10% of the individual application sites identified as "Waters of the US" until July 2012. The visual monitoring completed by the District during the first half of the year found that there is no observable change in water quality between the background, event, and post event time periods-see monitoring log sheets. The SWRCB notified the permit holders in a letter to MVCAC dated July 13, 2012 that because the visual monitoring requirements were "interfering with the need for maximal efficient application to adequately protect human health from vector-borne diseases like West Nile Virus," that the visual monitoring was no longer required by individual Districts. The District continued to follow the guidelines of its Pesticide Application Plan (PAP).

b. Summary of Monitoring Data

The District began the year by 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. CAG990004. These requirements required a tremendous amount of time to monitor including a number of revisits to specific sites to gather the necessary information. Most critically, time spent revisiting old sites 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 sites early in their lifecycle when treatment is more concentrated and effective. Recognizing the need of mosquito control districts to quickly find and treat mosquito breeding sites to prevent the spread of disease, such as West Nile virus, the SWRCB issued a letter to MVCAC dated July 13, 2012 that indicated the visual monitoring requirement would no longer be required of individual Districts.

Per the instructions in the letter, the Coalition will provide information on the incidence of West Nile Virus and other similar public health threats in the Coalition's annual report.

For the reasons stated above, the District will no longer be collecting visual monitoring data.

c. Identification of Current BMPs

The District uses the BMPs outlined in the District's PAP. These include; emphasis on controlling mosquito larvae through non-chemical means such as biological control where appropriate and physical control methods such as educating landowners regarding water management practices to reduce mosquito production.

d. Violation Discussion

No violations of the General Permit by the District were observed.

e. Map of Applications

See Attachment A.

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

See Pesticide Application Log -Attachment B.

g. General Information on Applications.

Attachment B includes information on dosage, concentration and quantity of each pesticide used which are derived from the individual pesticide labels.

h. Visual Monitoring Data

Visual Monitoring Data is recorded on the provided Monitoring Database Form-Attachment C

i. BMP, PAP, Monitoring Program Recommendations

No recommendations are being proposed to improve the current BMP's, PAP, or monitoring plan.

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

A representation of the pesticide application log is contained in Attachment B

2. Updated PAP Components

N/A

3. Self Monitoring Reports

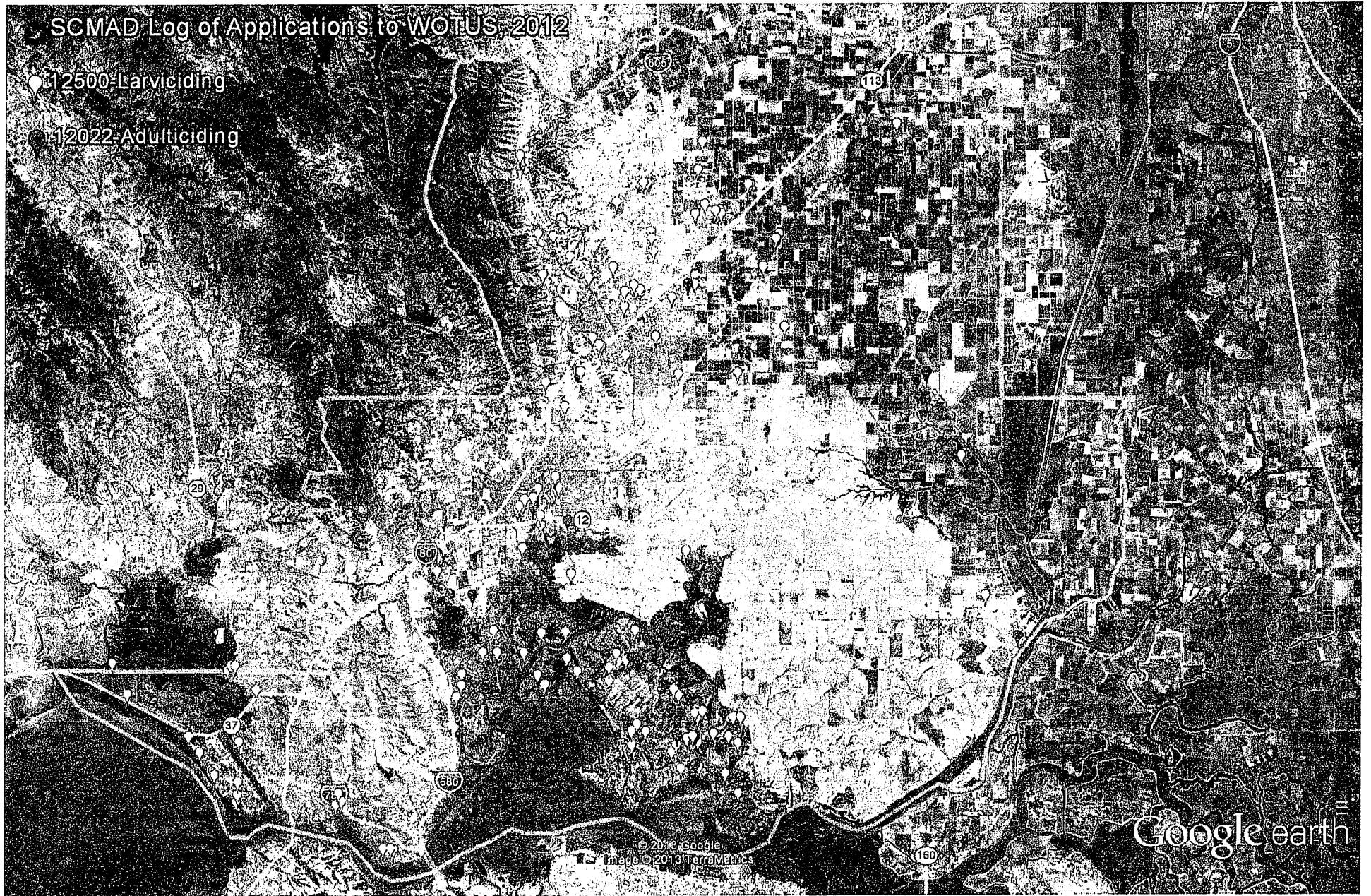
N/A

4. Monitoring Reports

N/A-to be done by Coalition-Monitoring Annual Report

SCMAD Log of Applications to WOTUS-2012

- 12500-Larviciding
- 12022-Adulticiding



Google earth



Attachment B

SCMAD Log of Applications to WOTUS

From: 01/01/12 To: 12/31/12

12022-Adulticiding

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
GD	05/02/12	6:13 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	88.400 OZ	101.6000	Montezuma SE
GW	05/03/12	6:00 AM	A631	38-07-38 N	1215420	MGK Pyrocide 5	31.200 OZ	35.8000	MOTEZUMA SL.
GD	05/09/12	5:05 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	88.400 OZ	101.6000	Montezuma SE
GW	05/10/12	7:00 AM	RV4	38-10-00 N	1214054	MGK Pyrocide 5	10.400 OZ	11.9000	SACRAMENTO RIVER
RS	05/25/12	2:00 PM	SA2AB	38-25-14 N	1215438	MGK Pyrocide 5	3.480 OZ	8.0000	Sweeney Creek
GD	05/31/12	5:32 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	78.000 OZ	89.7000	Montezuma SW
GD	05/31/12	5:52 AM	A528	38-09-20 N	1215802	MGK Pyrocide 5	156.000 OZ	179.3000	MONTEZUMA SLOUGH
GW	05/31/12	6:00 AM	BB7	38-21-49 N	1214445	MGK Pyrocide 5	62.400 OZ	71.7000	Haas Slough
GD	05/31/12	6:22 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	104.000 OZ	119.5000	Montezuma SE
GW	05/31/12	7:30 AM	BT2	38-18-56 N	1214542	MGK Pyrocide 5	83.200 OZ	95.6000	Cache Slough
GW	06/01/12	5:30 AM	BT3A	38-19-09 N	1214547	MGK Pyrocide 5	62.400 OZ	71.7000	Cache Slough
GD	06/01/12	6:10 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	78.000 OZ	89.7000	Montezuma SE
GD	06/01/12	6:25 AM	A528	38-09-20 N	1215802	MGK Pyrocide 5	114.400 OZ	131.5000	MONTEZUMA SLOUGH
GD	06/01/12	6:55 AM	A536	38-09-32 N	1215831	MGK Pyrocide 5	52.000 OZ	59.8000	MONTEZUMA
GW	06/01/12	7:00 AM	WN2A	38-24-43 N	121-46-26 W	MGK Pyrocide 5	52.000 OZ	59.7000	CACHE SL.
GD	06/01/12	7:05 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	62.400 OZ	71.7000	Montezuma SW
GW	06/01/12	8:30 AM	BJ2	38-21-48 N	1214278	MGK Pyrocide 5	62.400 OZ	71.7000	CACHE SL.
GW	06/06/12	6:00 AM	VA45A	38-27-35 N	121-47-27 W	MGK Pyrocide 5	46.800 OZ	53.7000	HAAS SL.
GW	06/06/12	7:30 AM	BT3	38-19-09 N	1214547	MGK Pyrocide 5	72.800 OZ	83.6000	Cache Slough
GW	06/06/12	9:00 AM	BY2	38-19-36 N	1214503	MGK Pyrocide 5	46.800 OZ	53.7000	Cache Slough
GW	06/07/12	6:00 AM	VA45A	38-27-35 N	121-47-27 W	MGK Pyrocide 5	52.000 OZ	59.7000	HAAS SL.
GW	06/07/12	7:30 AM	BT3A	38-19-09 N	1214547	MGK Pyrocide 5	72.800 OZ	83.6000	Cache Slough
GW	06/12/12	6:00 AM	WN2	38-24-96 N	121-46-60 W	MGK Pyrocide 5	52.000 OZ	59.7000	HAAS SLOUGH
GW	06/12/12	7:30 AM	BG7	38-21-06 N	1214607	MGK Pyrocide 5	36.400 OZ	41.8000	Haas Slough
GW	06/12/12	9:00 AM	BC7A	38-21-50 N	1214552	MGK Pyrocide 5	62.400 OZ	71.7000	2068 CANAL
GW	06/14/12	6:00 AM	BT3	38-19-09 N	1214547	MGK Pyrocide 5	57.200 OZ	65.7000	Cache Slough
GW	06/14/12	7:30 AM	BJ3	38-14-70 N	1214613	MGK Pyrocide 5	46.800 OZ	53.7000	2068 CANAL
GW	06/20/12	6:30 AM	BY2	38-19-36 N	1214503	MGK Pyrocide 5	62.400 OZ	71.7000	Cache Slough
GW	06/20/12	8:00 AM	BG7	38-21-06 N	1214607	MGK Pyrocide 5	72.800 OZ	83.6000	Haas Slough
GW	06/22/12	6:00 AM	WF3	38-26-30 N	1214151	MGK Pyrocide 5	62.400 OZ	71.7000	YOLO CAUSEWAY

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
GW	06/22/12	7:30 AM	SC3A	38-29-15 N	1214224	MGK Pyrocide 5	41.600 OZ	47.8000	2068 CANAL
MM	06/26/12	6:15 AM	RS6C	38-26-03 N	1215310	MGK Pyrocide 5	8.700 OZ	10.0000	McCune Creek
MM	06/26/12	7:45 AM	RS6B	38-26-02 N	1215301	MGK Pyrocide 5	8.700 OZ	10.0000	McCune Creek
GW	06/27/12	7:00 AM	BB7	38-21-49 N	1214445	MGK Pyrocide 5	67.600 OZ	77.7000	Haas Slough
GW	06/29/12	6:00 AM	TL6	38-28-14 N	1214635	MGK Pyrocide 5	67.600 OZ	77.7000	Sacramento River
GW	07/03/12	6:30 AM	TL6	38-28-14 N	1214635	MGK Pyrocide 5	72.800 OZ	83.6000	Sacramento River
GW	07/03/12	8:30 AM	BT3	38-19-09 N	1214547	MGK Pyrocide 5	52.000 OZ	59.7000	Cache Slough
GW	07/05/12	5:30 AM	SC3A	38-29-15 N	1214224	MGK Pyrocide 5	62.400 OZ	71.7000	2068 CANAL
GW	07/10/12	6:00 AM	BY2	38-19-36 N	1214503	MGK Pyrocide 5	57.200 OZ	65.7000	Cache Slough
GW	07/10/12	8:00 AM	BG7	38-21-06 N	1214607	MGK Pyrocide 5	72.800 OZ	83.6000	Haas Slough
GW	07/11/12	5:45 AM	BT2	38-18-56 N	1214542	MGK Pyrocide 5	72.800 OZ	83.6000	Cache Slough
MM	07/11/12	7:45 AM	LR2	38-19-40 N	1215357	MGK Pyrocide 5	34.800 OZ	40.0000	Alamo Creek
GW	07/13/12	5:30 AM	WN2A	38-24-43 N	121-46-26 W	MGK Pyrocide 5	67.600 OZ	77.7000	CACHE SL.
GD	07/13/12	6:00 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	78.000 OZ	89.7000	Montezuma SE
GD	07/13/12	6:45 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	114.400 OZ	131.5000	Montezuma SW
IC	07/16/12	6:00 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	3.600 OZ	4.1300	Montezuma SE
GW	07/19/12	6:00 AM	TV7A	38-27-16 N	1214251	MGK Pyrocide 5	46.800 OZ	53.7000	Sacramento River
GW	07/26/12	5:30 AM	BT2	38-18-56 N	1214542	MGK Pyrocide 5	67.600 OZ	77.7000	Cache Slough
GW	07/26/12	7:00 AM	BB7	38-21-49 N	1214445	MGK Pyrocide 5	41.600 OZ	47.8000	Haas Slough
GW	08/02/12	6:00 AM	BY2	38-19-36 N	1214503	MGK Pyrocide 5	67.600 OZ	77.7000	Cache Slough
GW	08/02/12	8:00 AM	BA8	38-22-35 N	1214321	MGK Pyrocide 5	57.200 OZ	65.7000	LINDSEY SLOUGH
GW	08/03/12	6:00 AM	WF3	38-26-30 N	1214151	MGK Pyrocide 5	67.600 OZ	77.7000	YOLO CAUSEWAY
GW	08/08/12	6:00 AM	BT3	38-19-09 N	1214547	MGK Pyrocide 5	72.800 OZ	83.6000	Cache Slough
GW	08/10/12	5:45 AM	WF3	38-26-30 N	1214151	MGK Pyrocide 5	62.400 OZ	71.7000	YOLO CAUSEWAY
GW	08/10/12	7:45 AM	WN2	38-24-96 N	121-46-60 W	MGK Pyrocide 5	62.400 OZ	71.7000	HAAS SLOUGH
MM	08/14/12	6:30 AM	MMC	38-22-53 N	1215581	MGK Pyrocide 5	1.740 OZ	2.0000	Horse Creek
GD	08/29/12	6:30 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	52.000 OZ	59.8000	Montezuma SE
GD	08/29/12	7:00 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	156.000 OZ	179.3000	Montezuma SW
GW	08/30/12	6:30 AM	BY2	38-19-36 N	1214503	MGK Pyrocide 5	57.200 OZ	65.7000	Cache Slough
GD	09/05/12	6:14 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	31.200 OZ	35.9000	Montezuma SE
GD	09/05/12	6:20 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	78.000 OZ	89.7000	Montezuma SW
GD	09/05/12	6:55 AM	A535-12G	38-07-17 N	1215631	MGK Pyrocide 5	26.000 OZ	29.9000	MONTEZUMA SLOUGH
GD	09/05/12	7:00 AM	A535-11A	38-06-35 N	1215537	MGK Pyrocide 5	182.000 OZ	209.2000	Montezuma SE
GD	09/06/12	9:25 AM	A535-12H	38-07-36 N	1215617	MGK Pyrocide 5	26.000 OZ	29.9000	MONTEZUMA SE

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
GD	09/06/12	9:32 AM	A535-12D	38-07-51 N	1215655	MGK Pyrocide 5	52.000 OZ	59.8000	MONTEZUMA SE
GD	09/07/12	8:45 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	20.800 OZ	23.9000	Montezuma SW
GD	09/10/12	10:20 AM	A535-11B	38-06-55 N	1215547	MGK Pyrocide 5	52.000 OZ	59.8000	MONTEZUMA SE
GD	09/10/12	10:40 AM	A535-11A	38-06-35 N	1215537	MGK Pyrocide 5	72.800 OZ	83.7000	Montezuma SE
GD	09/11/12	8:57 AM	A535-11A	38-06-35 N	1215537	MGK Pyrocide 5	104.000 OZ	119.5000	Montezuma SE
GD	09/11/12	9:17 AM	A535-11C	38-06-23 N	1215509	MGK Pyrocide 5	36.400 OZ	41.8000	MONTEZUMA SE
GD	09/11/12	9:25 AM	A535-11B	38-06-55 N	1215547	MGK Pyrocide 5	62.400 OZ	71.7000	MONTEZUMA SE
GD	09/12/12	6:13 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	67.600 OZ	77.7000	Montezuma SE
GD	09/12/12	6:26 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	135.200 OZ	155.4000	Montezuma SW
MM	09/14/12	7:30 AM	MP2A	38-22-88 N	1215548	MGK Pyrocide 5	17.400 OZ	20.0000	Horse Creek
MM	09/15/12	5:30 AM	MP2A	38-22-88 N	1215548	MGK Pyrocide 5	8.700 OZ	10.0000	Horse Creek
GW	09/20/12	6:00 AM	BY2	38-19-36 N	1214503	MGK Pyrocide 5	52.000 OZ	59.7000	Cache Slough
GW	09/20/12	8:00 AM	BT3	38-19-09 N	1214547	MGK Pyrocide 5	67.600 OZ	77.7000	Cache Slough
GD	09/26/12	6:05 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	62.400 OZ	71.7000	Montezuma SE
GD	09/26/12	6:17 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	93.600 OZ	107.5000	Montezuma SW
GW	09/26/12	6:30 AM	ALF2	38-25-19 N	1214908	MGK Pyrocide 5	41.600 OZ	47.8000	ULATIS CREEK
GW	09/26/12	8:00 AM	TV7A	38-27-16 N	1214251	MGK Pyrocide 5	41.600 OZ	47.8000	Sacramento River
GW	09/27/12	6:15 AM	ALF2	38-25-19 N	1214908	MGK Pyrocide 5	41.600 OZ	47.8000	ULATIS CREEK
GW	09/28/12	6:00 AM	BT3	38-19-09 N	1214547	MGK Pyrocide 5	62.400 OZ	71.7000	Cache Slough
GW	09/28/12	8:00 AM	BY2	38-19-36 N	1214503	MGK Pyrocide 5	57.200 OZ	65.7000	Cache Slough
GD	09/28/12	8:05 AM	A535-11C	38-06-23 N	1215509	MGK Pyrocide 5	52.000 OZ	59.8000	MONTEZUMA SE
IC	09/30/12	6:00 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	42.000 OZ	48.2700	Montezuma SE
GW	10/02/12	6:00 AM	A631	38-07-38 N	1215420	MGK Pyrocide 5	67.600 OZ	77.7000	MOTEZUMA SL.
GD	10/03/12	6:30 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	62.400 OZ	71.7000	Montezuma SE
GD	10/03/12	6:42 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	67.600 OZ	77.7000	Montezuma SW
IC	10/08/12	5:30 AM	SM4	38-09-44 N	1215951	MGK Pyrocide 5	64.000 OZ	73.5600	MONTEZUMA SW
IC	10/08/12	6:00 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	88.000 OZ	101.1490	MONTEZUMA SE
IC	10/09/12	5:00 AM	SM4	38-09-44 N	1215951	MGK Pyrocide 5	56.000 OZ	64.3670	MONTEZUMA SW
IC	10/09/12	6:00 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	126.000 OZ	144.8200	MONTEZUMA SE
IC	10/10/12	5:45 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	93.000 OZ	106.8960	MONTEZUMA SE
GD	10/10/12	6:15 AM	A535	38-09-12 N	121-58-40 W	MGK Pyrocide 5	67.600 OZ	77.7000	Montezuma SE
GD	10/10/12	6:30 AM	A519-1	38-09-13 N	1215853	MGK Pyrocide 5	114.400 OZ	131.5000	Montezuma SW
MM	10/10/12	6:45 AM	NS7	38-21-01 N	1215144	MGK Pyrocide 5	17.400 OZ	20.0000	Alamo Creek
GD	10/11/12	6:54 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	260.000 OZ	298.9000	MONTEZUMA SE

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
IC	10/12/12	5:00 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	336.000 OZ	386.2000	MONTEZUMA SE
GD	10/12/12	6:20 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	416.000 OZ	478.2000	MONTEZUMA SE
GW	10/12/12	8:00 AM	A631	38-07-38 N	1215420	MGK Pyrocide 5	41.600 OZ	47.8000	MOTEZUMA SL.
IC	10/15/12	5:15 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	100.000 OZ	114.9425	MONTEZUMA SE
GD	10/16/12	6:42 AM	SM4	38-09-44 N	1215951	MGK Pyrocide 5	119.600 OZ	137.4700	MONTEZUMA SW
IC	10/17/12	5:45 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	68.000 OZ	78.1600	MONTEZUMA SE
IC	10/17/12	6:30 AM	SM4	38-09-44 N	1215951	MGK Pyrocide 5	116.000 OZ	133.3330	MONTEZUMA SW
GW	10/17/12	6:30 AM	SM6	38-09-19 N	1215705	MGK Pyrocide 5	72.800 OZ	83.6000	MONTEZUMA SE
GW	10/17/12	8:00 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	52.000 OZ	59.7000	MONTEZUMA SE
IC	10/17/12	8:00 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	62.000 OZ	71.6430	MONTEZUMA SE
IC	10/18/12	6:11 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	48.000 OZ	55.1700	MONTEZUMA SE
IC	10/18/12	6:30 AM	SM4	38-09-44 N	1215951	MGK Pyrocide 5	28.000 OZ	32.1830	MONTEZUMA SW
GW	10/18/12	8:00 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	57.200 OZ	65.7000	MONTEZUMA SE
GD	10/18/12	8:35 AM	SM6	38-09-19 N	1215705	MGK Pyrocide 5	192.400 OZ	221.1000	MONTEZUMA SE
IC	10/18/12	8:50 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	86.000 OZ	98.8500	MONTEZUMA SE
GW	10/18/12	9:00 AM	SM6	38-09-19 N	1215705	MGK Pyrocide 5	72.800 OZ	83.6000	MONTEZUMA SE
GD	10/29/12	6:10 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	286.000 OZ	328.7000	MONTEZUMA SE
GW	10/30/12	7:00 AM	SM5	38-12-08 N	1215601	MGK Pyrocide 5	67.600 OZ	77.7000	LITTLE HONKER BAY
GD	10/30/12	7:12 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	114.400 OZ	131.5000	MONTEZUMA SE
IC	10/31/12	5:38 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	100.000 OZ	114.9400	MONTEZUMA SE
MG	10/31/12	6:00 AM	SM1	38-11-59 N	1220550	MGK Pyrocide 5	156.000 OZ	180.0000	SUISUN SLOUGH
MG	11/01/12	6:00 AM	SM1	38-11-59 N	1220550	MGK Pyrocide 5	119.600 OZ	138.0000	SUISUN SLOUGH
MG	11/02/12	6:00 AM	SM1	38-11-59 N	1220550	MGK Pyrocide 5	67.600 OZ	78.0000	SUISUN SLOUGH
IC	11/05/12	5:48 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	60.000 OZ	68.9650	MONTEZUMA SE
IC	11/05/12	6:05 AM	SM4	38-09-44 N	1215951	MGK Pyrocide 5	70.000 OZ	80.4590	MONTEZUMA SW
GD	11/05/12	6:21 AM	SM6	38-09-19 N	1215705	MGK Pyrocide 5	416.000 OZ	478.2000	MONTEZUMA SE
IC	11/05/12	6:30 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	80.000 OZ	91.9540	MONTEZUMA SE
GW	11/05/12	8:30 AM	SM6	38-09-19 N	1215705	MGK Pyrocide 5	93.600 OZ	107.5000	MONTEZUMA SE
MG	11/07/12	6:00 AM	SM1	38-11-59 N	1220550	MGK Pyrocide 5	130.000 OZ	130.0000	SUISUN SLOUGH
MG	11/08/12	6:00 AM	SM1	38-11-59 N	1220550	MGK Pyrocide 5	104.000 OZ	120.0000	SUISUN SLOUGH
MG	11/09/12	6:00 AM	SM1	38-11-59 N	1220550	MGK Pyrocide 5	104.000 OZ	120.0000	SUISUN SLOUGH
GW	11/14/12	6:00 AM	SM2	38-06-46 N	1220508	MGK Pyrocide 5	109.200 OZ	125.5000	GOODYEAR SLOUGH
GW	11/15/12	6:00 AM	SM1	38-11-59 N	1220550	MGK Pyrocide 5	93.600 OZ	107.5000	SUISUN SLOUGH
IC	11/15/12	6:30 AM	SM7	38-06-59 N	1215629	MGK Pyrocide 5	62.000 OZ	71.2640	MONTEZUMA SE

Attachment B

SCMAD Log of Applications to WOTUS

From: 01/01/12 To: 12/31/12

12500-Larviciding

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
IC	02/01/12	9:30 AM	JK2A	38-26-10 N	1215780	Altosid Pellets	1.500 LB	0.5000	Sweeney Creek W
IC	02/01/12	9:45 AM	JK3	38-26-09 N	1215763	Altosid Pellets	0.750 LB	0.2500	Sweeney Creek W
RS	02/17/12	9:00 AM	A282	38-04-55 N	1221614	Altosid Pellets	21.000 LB	7.0000	San Pablo Bay
RS	02/17/12	11:30 AM	2TC	38-04-29 N	1221619	Altosid Liquid L	1,320.000 OZ	330.0000	San Pablo Bay
RS	02/17/12	11:30 AM	2TB	38-05-25 N	1221717	Altosid Liquid L	280.000 OZ	70.0000	San Pablo Bay
RS	02/21/12	11:00 AM	A282	38-04-55 N	1221614	Altosid Pellets	21.000 LB	7.0000	San Pablo Bay
RS	02/21/12	11:00 AM	A278	38-05-00 N	1221612	Altosid Pellets	12.000 LB	4.0000	San Pablo Bay
RS	02/22/12	10:30 AM	HH2C	38-09-11 N	1221642	Altosid Pellets	30.000 LB	10.0000	Napa River
RS	02/22/12	10:30 AM	HH3T	38-08-51 N	1221624	Altosid Pellets	30.000 LB	10.0000	Napa River
IC	02/23/12	10:15 AM	KV2	38-21-74 N	1215867	Altosid XR Briq	0.080 LB	0.0022	Alamo Creek
IC	02/24/12	12:30 PM	JK3	38-26-09 N	1215763	Altosid Pellets	0.003 LB	0.0010	Sweeney Creek W
IC	02/27/12	8:15 AM	KV3A	38-22-24 N	1215817	Altosid Pellets	6.700 LB	2.2300	Pinetree Creek
MG	02/28/12	9:00 AM	A2	38-02-36 N	1220904	Altosid Pellets	25.500 LB	8.5000	S Hampton Bay
MG	02/28/12	9:45 AM	B3A	38-02-39 N	1220936	Altosid Pellets	22.500 LB	7.5000	S Hampton Bay
MG	02/28/12	11:00 AM	N2BT	38-04-15 N	1221119	Altosid Pellets	90.000 LB	30.0000	S Hampton Bay
MG	02/29/12	11:30 AM	B221T	38-14-04 N	1220241	Altosid Pellets	55.000 LB	18.3300	Suisun Slough
MG	03/02/12	9:45 AM	CB2A	38-02-49 N	1220911	Altosid XR Briq	2.640 LB	0.0726	S Hampton Bay
IC	03/06/12	11:15 AM	ML4A	38-23-12 N	1215916	Altosid Pellets	0.041 LB	0.0137	Horse Creek
MG	03/07/12	8:30 AM	AJ9	38-14-39 N	1220243	Altosid XR Briq	2.000 LB	0.0550	Suisun Slough
IC	03/07/12	11:15 AM	JK2	38-26-10 N	1215755	Altosid Pellets	0.250 LB	0.0833	Sweeney Creek W
MG	03/09/12	10:30 AM	AJ9A	38-14-41 N	1220242	Altosid XR Briq	0.720 LB	0.0198	Suisun Slough
MG	03/09/12	11:00 AM	AJ9F	38-14-45 N	1220243	Altosid XR Briq	0.960 LB	0.0264	Suisun Slough
MG	03/09/12	11:30 AM	AJ9B	38-14-49 N	1220241	Altosid XR Briq	1.120 LB	0.0308	Suisun Slough
MG	03/09/12	1:15 PM	AJ9C	38-14-53 N	1220242	Altosid XR Briq	0.720 LB	0.0198	Suisun Slough
MG	03/09/12	1:45 PM	AJ9V	38-14-57 N	1220311	Altosid XR Briq	4.400 LB	0.1210	Suisun Slough
MG	03/12/12	8:30 AM	AJ9V	38-14-57 N	1220311	Altosid XR Briq	4.480 LB	0.1232	Suisun Slough
MG	03/12/12	11:00 AM	AJ9P	38-15-02 N	1220159	Altosid XR Briq	0.400 LB	0.0110	Suisun Slough
MG	03/12/12	11:15 AM	AJ9R	38-15-10 N	1220156	Altosid XR Briq	1.680 LB	0.0462	Suisun Slough
MG	03/12/12	12:45 PM	AJ9Q	38-15-07 N	1220155	Altosid XR Briq	0.240 LB	0.0066	Suisun Slough
MG	03/15/12	1:00 PM	AJ9N	38-14-42 N	1220309	Altosid XR Briq	0.960 LB	0.0264	Suisun Slough

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
MG	03/15/12	1:30 PM	AJ9J	38-14-39 N	1220327	Altosid XR Briq	0.320 LB	0.0088	Suisun Slough
MG	03/15/12	1:45 PM	AJ9H	38-14-36 N	1220309	Altosid XR Briq	0.640 LB	0.0176	Suisun Slough
MG	03/15/12	2:15 PM	AJ9M	38-14-48 N	1220321	Altosid XR Briq	0.960 LB	0.0264	Suisun Slough
MG	03/19/12	10:00 AM	AJ9D	38-15-01 N	1220228	Altosid XR Briq	0.640 LB	0.0176	Suisun Slough
MG	03/19/12	12:45 PM	AJ9S	38-15-15 N	1220145	Altosid XR Briq	1.040 LB	0.0286	Suisun Slough
MG	03/19/12	1:45 PM	AJ9W	38-15-16 N	1220136	Altosid XR Briq	1.360 LB	0.0374	Suisun Slough
MG	03/21/12	8:00 AM	AJ9X	38-15-20 N	1220231	Altosid XR Briq	2.320 LB	0.0638	Suisun Slough
MG	03/21/12	12:45 PM	AJ9T	38-15-40 N	1220143	Altosid XR Briq	2.480 LB	0.0682	Suisun Slough
MG	03/21/12	2:00 PM	AJ9U	38-15-45 N	1220144	Altosid XR Briq	0.800 LB	0.0220	Suisun Slough
RS	03/23/12	10:00 AM	2TC	38-04-29 N	1221619	Altosid Liquid L	800.000 OZ	200.0000	San Pablo Bay
RS	03/23/12	10:00 AM	2TB	38-05-25 N	1221717	Altosid Liquid L	280.000 OZ	70.0000	San Pablo Bay
RS	03/23/12	10:00 AM	2TA	38-06-05 N	1221752	Altosid Liquid L	280.000 OZ	70.0000	San Pablo Bay
IC	04/02/12	8:30 AM	KV3A	38-22-24 N	1215817	Altosid Pellets	14.100 LB	4.7000	Pinetree Creek
IC	04/04/12	9:00 AM	JK3	38-26-09 N	1215763	Altosid Pellets	3.600 LB	1.2000	Sweeney Creek W
IC	04/04/12	10:00 AM	JK2	38-26-10 N	1215755	Altosid Pellets	1.800 LB	0.6000	Sweeney Creek W
IC	04/04/12	11:00 AM	JK2A	38-26-10 N	1215780	Altosid Pellets	0.900 LB	0.3000	Sweeney Creek W
RS	04/06/12	1:00 PM	A282	38-04-55 N	1221614	Altosid Liquid L	140.000 OZ	35.0000	San Pablo Bay
RS	04/06/12	1:00 PM	AA2A	38-06-42 N	1221607	Altosid Pellets	6.000 LB	2.0000	Napa River
RS	04/06/12	1:00 PM	HH2C	38-09-11 N	1221642	Altosid Pellets	30.000 LB	10.0000	Napa River
RS	04/06/12	1:00 PM	HH2	38-08-51 N	1221606	Altosid Pellets	15.000 LB	5.0000	Napa River
RS	04/06/12	1:00 PM	655	38-06-58 N	122-16-58 W	Altosid Liquid L	20.000 OZ	5.0000	Napa River
GD	04/17/12	8:30 AM	A223	38-13-54 N	122-00-49 W	Altosid Pellets	15.000 LB	5.0000	Denverton Slough
GW	04/20/12	9:00 AM	TV7A	38-27-16 N	1214251	Altosid Pellets	24.000 LB	8.0000	Sacramento River
IC	04/20/12	10:30 AM	ME2A	38-19-09 N	1220219	Mosquitofish	1.000 LB	4.0000	Laurel Creek
IC	04/20/12	11:00 AM	ME3A	38-19-16 N	1220222	Mosquitofish	1.000 LB	4.0000	Suisun Creek
IC	04/20/12	12:45 PM	KV2	38-21-74 N	1215867	Mosquitofish	0.250 LB	1.0000	Alamo Creek
IC	04/20/12	1:00 PM	KV3A	38-22-24 N	1215817	Altosid Pellets	0.500 LB	0.1666	Pinetree Creek
GW	04/20/12	1:00 PM	BG7	38-21-06 N	1214607	Altosid Pellets	24.000 LB	8.0000	Haas Slough
IC	04/20/12	2:00 PM	MK2A	38-20-66 N	1220008	Mosquitofish	0.750 LB	3.0000	Alamo Creek
IC	04/20/12	2:30 PM	ACMC	38-20-24 N	122-59-48 W	Mosquitofish	4.250 LB	17.0000	Alamo Creek
IC	04/23/12	8:30 AM	ASB2	38-25-43 N	1225901	Mosquitofish	0.250 LB	1.0000	Sweeney Creek W
IC	04/23/12	8:45 AM	ASB2A	38-25-43 N	1215901	Mosquitofish	0.750 LB	3.0000	Sweeney Creek W
IC	04/23/12	9:30 AM	KP3B	38-23-52 N	1220111	Mosquitofish	0.500 LB	2.0000	Ulati creek
IC	04/23/12	10:45 AM	KL2	38-24-24 N	1220187	Mosquitofish	0.500 LB	2.0000	Ulati creek

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
IC	04/23/12	11:00 AM	AC3A	38-20-94 N	121-56-76 W	Mosquitofish	1.250 LB	5.0000	Alamo Creek
GW	04/24/12	9:00 AM	PB2	38-11-47 N	1214239	Altosid Pellets	99.000 LB	33.0000	Sacramento River
IC	04/26/12	8:45 AM	LH4	38-19-45 N	1220061	Altosid Pellets	1.018 LB	0.0339	Alamo Creek
IC	04/26/12	10:00 AM	MK2A	38-20-66 N	1220008	Mosquitofish	1.250 LB	5.0000	Alamo Creek
IC	04/26/12	11:00 AM	AC3A	38-20-94 N	121-56-76 W	Mosquitofish	1.000 LB	4.0000	Alamo Creek
IC	04/27/12	7:30 AM	ML4A	38-23-12 N	1215916	Altosid Pellets	0.250 LB	0.0833	Horse Creek
RS	05/01/12	8:30 AM	T4A	38-08-24 N	1221527	Altosid Pellets	4.500 LB	1.5000	Napa River
GW	05/04/12	8:30 AM	GZ2	38-16-42 N	1214767	Altosid Pellets	105.000 LB	35.0000	Lindsey Slough
IC	05/08/12	10:00 AM	KV4A	38-22-49 N	1215822	Mosquitofish	0.250 LB	1.0000	Horse creek
GD	05/08/12	12:30 PM	A535	38-09-12 N	121-58-40 W	Altosid XR Briq	3.200 LB	0.0880	Montezuma SE
GW	05/09/12	8:30 AM	WM2	38-24-96 N	1214772	Altosid Pellets	24.000 LB	8.0000	Cache Slough
MM	05/09/12	9:00 AM	SA36	38-25-11 N	1215456	Altosid Pellets	10.800 LB	3.6000	Sweeney Creek
MM	05/09/12	10:00 AM	SA8D	38-25-33 N	1215505	Altosid Pellets	63.000 LB	21.0000	Sweeney Creek
IC	05/09/12	3:00 PM	KUV2	38-22-33 N	1215795	Mosquitofish	0.250 LB	1.0000	Pintree creek
IC	05/10/12	8:00 AM	MM3B	38-22-75 N	1220026	Mosquitofish	4.000 LB	16.0000	Ulatis Creek
RS	05/11/12	9:00 AM	X2T	38-08-12 N	1222114	Altosid Liquid L	1,600.000 OZ	400.0000	San Pablo Bay
GD	05/12/12	7:15 AM	A303	38-13-14 N	121-55-19 W	Altosid Liquid L	600.000 OZ	150.0000	Loco Slough
IC	05/14/12	11:30 AM	LB3	38-12-21 N	1220114	Mosquitofish	0.250 LB	1.0000	Alamo creek
RS	05/14/12	1:30 PM	X2ET	38-09-15 N	1222154	Altosid Pellets	9.000 LB	3.0000	China Slough
GW	05/15/12	8:30 AM	RV4	38-10-00 N	1214054	Altosid Pellets	6.000 LB	2.0000	SACRAMENTO RIVER
MM	05/16/12	8:15 AM	MP2A	38-22-88 N	1215548	Altosid Pellets	9.000 LB	3.0000	Horse Creek
IC	05/16/12	9:30 AM	KV3A	38-22-24 N	1215817	Mosquitofish	0.250 LB	1.0000	Pinetree Creek
GW	05/16/12	11:00 AM	BT2	38-18-56 N	1214542	Golden Bear 11	10.000 GAL	2.0000	Cache Slough
MG	05/17/12	2:30 PM	PVES	38-18-23 N	1220134	Mosquitofish	1.000 LB	4.0000	Suisun Slough
IC	05/23/12	8:30 AM	LH4	38-19-45 N	1220061	Agnique MMF (0.001 GAL	0.0010	Alamo Creek
IC	05/23/12	8:30 AM	LH4	38-19-45 N	1220061	Mosquitofish	0.025 LB	0.1000	Alamo Creek
RS	05/25/12	2:00 PM	SA2AB	38-25-14 N	1215438	Altosid Pellets	0.600 LB	0.2000	Sweeney Creek
MM	05/29/12	9:00 AM	SD3C	38-26-56 N	1215536	Altosid Pellets	87.000 LB	29.0000	Sweeney Creek
IC	05/29/12	12:50 PM	ML4A	38-23-12 N	1215916	Altosid Pellets	0.250 LB	0.0833	Horse Creek
MM	05/30/12	8:30 AM	SA2AB	38-25-14 N	1215438	Altosid Pellets	9.000 LB	3.0000	Sweeney Creek
MM	05/30/12	9:00 AM	SA52	38-25-14 N	1215426	Altosid Pellets	9.000 LB	3.0000	Sweeney Creek
MM	05/30/12	9:30 AM	SA52A	38-25-20 N	1215426	Altosid Pellets	9.000 LB	3.0000	Sweeney Creek
MM	05/30/12	10:30 AM	SC2T	38-27-56 N	1215516	Altosid Pellets	90.000 LB	30.0000	Sweeney Creek
MM	06/01/12	8:00 AM	SA2A	38-25-12 N	1215438	Altosid Pellets	7.270 LB	2.4200	Sweeney Creek

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
MM	06/01/12	8:30 AM	SA2	38-25-01 N	1215432	Altosid Pellets	9.900 LB	3.3000	Sweeney Creek
MM	06/01/12	9:00 AM	SA5	38-25-01 N	1215548	Altosid Pellets	10.920 LB	3.6400	Sweeney Creek
MM	06/01/12	10:30 AM	MP2	38-22-54 N	1215549	Altosid Pellets	7.270 LB	2.4200	Horse Creek
MM	06/01/12	11:00 AM	MN2B	38-23-14 N	1215544	Altosid Pellets	4.350 LB	1.4500	Horse Creek
MM	06/01/12	11:30 AM	MP2B	38-22-83 N	121-55-48 W	Altosid Pellets	5.460 LB	1.8200	Horse Creek
MM	06/01/12	12:00 PM	MQ2B	38-22-53 N	1215579	Altosid Pellets	5.820 LB	1.9400	Horse Creek
IC	06/07/12	10:45 AM	KV4A	38-22-49 N	1215822	Mosquitofish	1.000 LB	4.0000	Horse creek
IC	06/07/12	10:45 AM	KV4A	38-22-49 N	1215822	Altosid Pellets	1.000 LB	0.3333	Horse creek
RS	06/08/12	9:00 AM	2TC	38-04-29 N	1221619	Altosid Liquid L	1,000.000 OZ	250.0000	San Pablo Bay
RS	06/08/12	9:00 AM	2TB	38-05-25 N	1221717	Altosid Liquid L	400.000 OZ	100.0000	San Pablo Bay
RS	06/08/12	10:00 AM	X2T	38-08-12 N	1222114	Altosid Liquid L	1,400.000 OZ	350.0000	San Pablo Bay
RS	06/08/12	12:30 PM	HH2T	38-08-59 N	1221624	Altosid Pellets	45.000 LB	15.0000	Napa River
IC	06/13/12	10:30 AM	KUV2	38-22-33 N	1215795	Mosquitofish	0.025 LB	0.1000	Pintree creek
IC	06/21/12	12:15 PM	KV2	38-21-74 N	1215867	Altosid XR Briq	0.240 LB	0.0066	Alamo Creek
GW	06/25/12	10:00 AM	VA45A	38-27-35 N	121-47-27 W	Altosid Pellets	90.000 LB	30.0000	HAAS SL.
IC	06/27/12	10:00 AM	MH3A	38-22-88 N	1220233	Mosquitofish	0.025 LB	0.1000	Alamo Creek
IC	06/27/12	10:15 AM	PC2B	38-28-11 N	1220223	Mosquitofish	0.003 LB	0.0100	Pleasant Creek
MM	07/05/12	11:00 AM	MX3	38-24-13 N	1215183	Mosquitofish	0.250 LB	1.0000	McCune Creek
MM	07/05/12	11:15 AM	MX2A	38-24-29 N	1215169	Mosquitofish	0.250 LB	1.0000	Sweeney Creek
IC	07/05/12	1:45 PM	KV4A	38-22-49 N	1215822	Altosid Pellets	1.500 LB	0.5000	Horse creek
MG	07/06/12	7:00 AM	N2AT	38-04-16 N	1221127	Altosid Pellets	66.000 LB	22.0000	S Hampton Bay
RS	07/09/12	8:30 AM	2TC	38-04-29 N	1221619	Altosid Liquid L	600.000 OZ	150.0000	San Pablo Bay
RS	07/09/12	8:30 AM	2TB	38-05-25 N	1221717	Altosid Liquid L	200.000 OZ	50.0000	San Pablo Bay
RS	07/09/12	8:30 AM	2TA	38-06-05 N	1221752	Altosid Liquid L	140.000 OZ	35.0000	San Pablo Bay
RS	07/09/12	8:30 AM	X2T	38-08-12 N	1222114	Altosid Liquid L	1,812.000 OZ	453.0000	San Pablo Bay
IC	07/11/12	8:45 AM	ACMC	38-20-24 N	122-59-48 W	Mosquitofish	0.025 LB	0.1000	Alamo Creek
GW	07/12/12	9:00 AM	PB2	38-11-47 N	1214239	Altosid Pellets	99.000 LB	33.0000	Sacramento River
IC	07/12/12	12:30 PM	KU2	38-22-27 N	1215864	Mosquitofish	0.025 LB	0.1000	Pintree Creek
GW	07/13/12	8:00 AM	BG7	38-21-06 N	1214607	Altosid Pellets	12.000 LB	4.0000	Haas Slough
IC	07/16/12	8:45 AM	A519-1	38-09-13 N	1215853	Altosid Liquid L	360.000 OZ	90.0000	Montezuma SW
MM	07/17/12	9:45 AM	RS6C	38-26-03 N	1215310	Altosid Pellets	9.000 LB	3.0000	McCune Creek
MM	07/17/12	10:15 AM	RS6B	38-26-02 N	1215301	Altosid Pellets	15.000 LB	5.0000	McCune Creek
MM	07/17/12	10:45 AM	SD3C	38-26-56 N	1215536	Altosid Pellets	27.000 LB	9.0000	Sweeney Creek
IC	07/17/12	10:45 AM	SD3C	38-26-56 N	1215536	Altosid Pellets	55.000 LB	18.3300	Sweeney Creek

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
MM	07/18/12	9:15 AM	LR2	38-19-40 N	1215357	Altosid Pellets	66.000 LB	22.0000	Alamo Creek
IC	07/18/12	12:15 PM	ASB2	38-25-43 N	1225901	Mosquitofish	0.250 LB	1.0000	Sweeney Creek W
IC	07/19/12	10:00 AM	KUV2	38-22-33 N	1215795	Mosquitofish	0.250 LB	1.0000	Pintree creek
IC	07/20/12	12:00 PM	KZ2	38-24-31 N	121-57-48 W	Altosid Pellets	1.000 LB	0.3333	Horse Creek
IC	07/20/12	12:00 PM	KZ2	38-24-31 N	121-57-48 W	Mosquitofish	0.250 LB	1.0000	Horse Creek
IC	07/24/12	11:30 AM	JK3	38-26-09 N	1215763	Altosid Pellets	0.125 LB	0.0416	Sweeney Creek W
IC	07/25/12	11:15 AM	LB3	38-12-21 N	1220114	Mosquitofish	0.250 LB	1.0000	Alamo creek
IC	07/25/12	11:45 AM	MG2B	38-23-84 N	121-54-35 W	Mosquitofish	0.250 LB	1.0000	Alamo Creek
MM	07/26/12	1:00 PM	MM2	38-22-06 N	1215653	Mosquitofish	0.250 LB	1.0000	Sweeney Creek
MM	07/27/12	9:00 AM	NP3	38-23-13 N	1215241	Mosquitofish	0.250 LB	1.0000	Sweeney Creek
MM	07/27/12	9:30 AM	MX3	38-24-13 N	1215183	Mosquitofish	0.250 LB	1.0000	McCune Creek
MM	07/27/12	9:45 AM	MX2A	38-24-29 N	1215169	Mosquitofish	0.250 LB	1.0000	Sweeney Creek
MM	07/30/12	11:00 AM	RS6F	38-26-08 N	1215301	Altosid Pellets	6.000 LB	2.0000	McCune Creek
MG	07/31/12	9:00 AM	A2	38-02-36 N	1220904	Altosid Pellets	24.000 LB	8.0000	S Hampton Bay
MG	07/31/12	10:00 AM	B3A	38-02-39 N	1220936	Altosid Pellets	24.000 LB	8.0000	S Hampton Bay
MG	07/31/12	11:15 AM	B221T	38-14-04 N	1220241	Altosid Pellets	30.000 LB	10.0000	Suisun Slough
GD	08/01/12	8:45 AM	SR14-1			Altosid XR Briq	0.480 LB	0.0132	Suisun Slough
MM	08/02/12	10:00 AM	NS7	38-21-01 N	1215144	Altosid Pellets	28.500 LB	9.5000	Alamo Creek
GW	08/03/12	9:00 AM	TL6	38-28-14 N	1214635	Golden Bear 11	1.250 GAL	0.2500	Sacramento River
GD	08/03/12	9:15 AM	X2T	38-08-12 N	1222114	Altosid Liquid L	1,000.000 OZ	250.0000	San Pablo Bay
IC	08/08/12	8:45 AM	KV4A	38-22-49 N	1215822	Altosid Pellets	3.000 LB	1.0000	Horse creek
IC	08/13/12	10:30 AM	LH4	38-19-45 N	1220061	Mosquitofish	0.250 LB	1.0000	Alamo Creek
GD	08/17/12	6:30 AM	A519-1	38-09-13 N	1215853	Altosid Liquid L	360.000 OZ	90.0000	Montezuma SW
GD	08/17/12	7:45 AM	A535-22A	38-05-47 N	1215533	Altosid Liquid L	520.000 OZ	130.0000	Montezuma SE
GD	08/18/12	6:50 AM	A533D	38-09-53 N	1220317	Altosid Liquid L	800.000 OZ	200.0000	Suisun Slough
GD	08/23/12	7:10 AM	A533B	38-10-27 N	1220129	Altosid Liquid L	600.000 OZ	150.0000	Montezuma SW
GW	08/23/12	9:30 AM	BY2	38-19-36 N	1214503	Golden Bear 11	5.000 GAL	1.0000	Cache Slough
GD	08/24/12	7:00 AM	A533C	38-10-23 N	1220238	Altosid Liquid L	800.000 OZ	200.0000	Suisun Slough
GD	08/24/12	7:55 AM	A535-11A	38-06-35 N	1215537	Altosid Liquid L	240.000 OZ	60.0000	Montezuma SE
GD	08/24/12	8:25 AM	A535-22C	38-05-23 N	1215414	Altosid Liquid L	320.000 OZ	80.0000	Montezuma SE
IC	08/24/12	11:30 AM	PC2B	38-28-11 N	1220223	Mosquitofish	0.500 LB	2.0000	Pleasant Creek
GD	08/31/12	10:15 AM	A535-11A	38-06-35 N	1215537	Vectomax CG	520.000 LB	26.0000	Montezuma SE
MM	08/31/12	10:50 AM	MMC	38-22-53 N	1215581	Altosid Pellets	9.900 LB	3.3000	Horse Creek
RS	09/04/12	11:30 AM	X2T	38-08-12 N	1222114	Altosid Liquid L	400.000 OZ	100.0000	San Pablo Bay

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
RS	09/05/12	11:00 AM	J3A	38-05-33 N	1221431	Mosquitofish	1.000 LB	4.0000	Napa River
GD	09/06/12	7:15 AM	A535-19	38-06-01 N	1215654	Altosid Liquid L	400.000 OZ	100.0000	Montezuma SE
IC	09/06/12	9:45 AM	KV4A	38-22-49 N	1215822	Altosid Pellets	4.000 LB	1.3330	Horse creek
IC	09/06/12	9:45 AM	KV4A	38-22-49 N	1215822	Mosquitofish	0.250 LB	1.0000	Horse creek
GW	09/06/12	10:00 AM	BB7	38-21-49 N	1214445	Golden Bear 11	1.250 GAL	0.2500	Haas Slough
IC	09/11/12	11:00 AM	ACMC	38-20-24 N	122-59-48 W	Mosquitofish	0.250 LB	1.0000	Alamo Creek
IC	09/17/12	9:30 AM	KV4A	38-22-49 N	1215822	Agnique MMF (0.001 GAL	0.0010	Horse creek
GW	09/18/12	1:00 PM	BT3	38-19-09 N	1214547	Golden Bear 11	1.250 GAL	0.2500	Cache Slough
IC	09/20/12	8:30 AM	KUV2	38-22-33 N	1215795	Mosquitofish	0.250 LB	1.0000	Pintree creek
IC	09/20/12	9:30 AM	KV4A	38-22-49 N	1215822	Mosquitofish	1.000 LB	4.0000	Horse creek
IC	09/20/12	10:15 AM	KU2	38-22-27 N	1215864	Mosquitofish	0.250 LB	1.0000	Pintree Creek
IC	09/20/12	10:30 AM	KV3A	38-22-24 N	1215817	Mosquitofish	0.250 LB	1.0000	Pinetree Creek
IC	09/20/12	12:00 PM	KZ2A	38-23-69 N	1215735	Mosquitofish	0.250 LB	1.0000	Horse Creek
IC	09/22/12	8:00 AM	A535-21	38-05-42 N	121-56-13 W	Altosid SBG Gra	364.000 LB	52.0000	Montezuma SE
GW	09/25/12	8:00 AM	BT3A	38-19-09 N	1214547	Golden Bear 11	1.250 GAL	0.2500	Cache Slough
IC	09/25/12	10:30 AM	KV3A	38-22-24 N	1215817	Altosid Pellets	0.014 LB	0.0045	Pinetree Creek
GD	09/26/12	7:05 AM	A535-16A	38-06-47 N	1215826	Altosid Liquid L	460.000 OZ	115.0000	Montezuma SE
GD	09/26/12	7:25 AM	A535-16B	38-00-76 N	1215804	Altosid Liquid L	400.000 OZ	100.0000	Montezuma SE
GD	09/27/12	9:15 AM	A535-20	38-06-18 N	1215617	Altosid SBG Gra	1,015.000 LB	145.0000	Montezuma SE
IC	09/27/12	11:25 AM	LB3	38-12-21 N	1220114	Mosquitofish	0.250 LB	1.0000	Alamo creek
GD	10/03/12	8:05 AM	A535-17B	38-06-43 N	1215742	Altosid SBG Gra	217.000 LB	31.0000	Montezuma SE
GW	10/04/12	11:30 AM	BT2	38-18-56 N	1214542	Golden Bear 11	1.250 GAL	0.2500	Cache Slough
GD	10/08/12	8:00 AM	A535-8A	38-07-45 N	1215516	Altosid Liquid L	160.000 OZ	40.0000	Montezuma SE
GD	10/08/12	8:20 AM	A535-1A	38-06-31 N	1215357	Altosid Liquid L	120.000 OZ	30.0000	Montezuma SE
GD	10/09/12	7:30 AM	A907	38-04-54 N	1215357	Altosid Liquid L	160.000 OZ	40.0000	Honker Bay
MG	10/09/12	8:00 AM	B414	38-09-55 N	1220437	Altosid Liquid L	600.000 OZ	150.0000	Suisun Slough
IC	10/09/12	8:30 AM	A501	38-08-41 N	1220222	Altosid Liquid L	1,000.000 OZ	250.0000	Montezuma SW
GD	10/09/12	9:00 AM	A520-E	38-09-48 N	121-59-01 W	Altosid Liquid L	400.000 OZ	100.0000	Montezuma SW
IC	10/09/12	1:10 PM	KUV2	38-22-33 N	1215795	Altosid Pellets	0.075 LB	0.0250	Pintree creek
GD	10/10/12	7:15 AM	A535-7A	38-07-38 N	1215549	Altosid Liquid L	240.000 OZ	60.0000	Montezuma SE
GD	10/10/12	7:15 AM	A535-7B	38-07-23 N	1215537	Altosid Liquid L	320.000 OZ	80.0000	Montezuma SE
IC	10/10/12	7:40 AM	A804	38-06-25 N	1215831	Altosid Liquid L	240.000 OZ	60.0000	Grizzly Bay
MG	10/11/12	7:30 AM	B411	38-09-28 N	122-59-01 W	Altosid Liquid L	400.000 OZ	100.0000	Suisun Slough
IC	10/12/12	7:10 AM	A519-2	38-08-59 N	1215920	Altosid Liquid L	320.000 OZ	80.0000	Montezuma SW

Employee Initials	Date	Time	Source	Latitude	Longitude	Material	Amount	Acres Treated	Adjacent Water Bodies
GD	10/12/12	8:50 AM	A535-4A	38-06-35 N	1215435	Altosid Liquid L	460.000 OZ	115.0000	Montezuma SE
GD	10/12/12	9:25 AM	A535-3	38-07-15 N	1215346	Altosid Liquid L	260.000 OZ	65.0000	Montezuma SE
GD	10/12/12	10:30 AM	A535-3	38-07-15 N	1215346	Altosid SBG Gra	280.000 LB	40.0000	Montezuma SE
GW	10/12/12	12:00 PM	TL6	38-28-14 N	1214635	Golden Bear 11	1.250 GAL	0.2500	Sacramento River
MG	10/13/12	7:30 AM	B416	38-08-39 N	1220601	Altosid Liquid L	1,200.000 OZ	300.0000	Suisun Slough
MG	10/13/12	9:30 AM	B113	38-13-24 N	1220324	Altosid Liquid L	160.000 OZ	40.0000	Suisun Slough
MG	10/13/12	10:00 AM	B412	38-09-54 N	1220503	Altosid Liquid L	320.000 OZ	80.0000	Goodyear Slough
MG	10/13/12	11:00 AM	B406	38-10-33 N	1220453	Altosid Liquid L	240.000 OZ	60.0000	Goodyear Slough
GD	10/13/12	12:15 PM	A524-3	38-10-31 N	121-58-16 W	Altosid Liquid L	80.000 OZ	20.0000	Montezuma SE
IC	10/15/12	7:10 AM	A504	38-09-33 N	1220123	Altosid Liquid L	200.000 OZ	50.0000	Grizzly Bay
IC	10/15/12	7:30 AM	A537	38-08-54 N	1220102	Altosid Liquid L	200.000 OZ	50.0000	Grizzly Bay
GD	10/16/12	7:40 AM	A518	38-08-53 N	1215934	Altosid Liquid L	200.000 OZ	50.0000	Grizzly Bay
MG	10/16/12	9:00 AM	B105	38-12-43 N	1220711	Altosid Liquid L	300.000 OZ	75.0000	Goodyear Slough
MG	10/17/12	8:30 AM	B422	38-07-54 N	1220624	Altosid Liquid L	300.000 OZ	75.0000	Goodyear Slough
GD	10/17/12	9:15 AM	A534	38-09-19 N	1215932	Altosid Liquid L	340.000 OZ	85.0000	Montezuma SW
GD	10/18/12	7:00 AM	A619	38-08-22 N	1215643	Altosid Liquid L	200.000 OZ	50.0000	Montezuma SE
GD	10/18/12	7:00 AM	A622	38-08-02 N	121-56-23 W	Altosid Liquid L	200.000 OZ	50.0000	Montezuma SE
GD	10/18/12	7:00 AM	A632	38-08-02 N	121-56-23 W	Altosid Liquid L	200.000 OZ	50.0000	Montezuma SE
IC	12/10/12	1:00 PM	JK2A	38-26-10 N	1215780	Altosid Pellets	1.000 LB	0.3333	Sweeney Creek W
IC	12/10/12	2:20 PM	JK3	38-26-09 N	1215763	Altosid Pellets	1.000 LB	0.3330	Sweeney Creek W

ATTACHMENT C

APPLICATION INFORMATION							MONITORING INFORMATION			
Date of Application.	Applicator	Location	Name of Water Body	Type of Water Body	Type of pesticide	Product Name	Time of monitoring	Monitoring Date	Time	Name(s) of personnel
02/17/12	Snyder	38.04'.38"N 122'16'21" W	San Pablo Bay/MI 2TB, 2TC	Open waterway	Larvicide	Altosid Liquid Larvicide	Background	02/17/12	8:00 AM	Snyder
	Event						02/17/12	11:30 AM	Snyder	
	Post-Event						02/21/12	1:00 PM	Snyder	
02/23/12	Gray	38'21'44"N 121'58'40"W	Horse Creek/Catch Basin	Channel	Larvicide	Altosid Briquets	Background	02/23/12	11:30 AM	Caldwell
	Event						02/23/12	11:45 AM	Caldwell	
	Post-Event						03/07/12	9:30 AM	Caldwell	
02/28/12	Gray	38'02' 39"N 122' 09'36"W	Carquinez Straight/Tidal Marsh	Open waterway	Larvicide	Altosid Pellets	Background	02/28/12	9:15 PM	Gray
	Event						02/28/12	9:45 AM	Gray	
	Post-Event						03/06/12	10:00 AM	Gray	
03/06/12	Caldwell	38'23'07"N 121'59"12"W	Horse Creek/ML4A Drain	Channel	Larvicide	Altosid Pellets	Background	03/06/12	10:00 AM	Caldwell
	Event						03/06/12	10:30 AM	Caldwell	
	Post-Event						03/12/12	1:30 PM	Caldwell	
03/07/12	Gray	38'14'39"N 122'02'51"W	Suisun Slough/AJ9	Channel	Larvicide	Altosid Briquets	Background	03/07/12	8:30 AM	Gray
	Event						03/07/12	9:30 AM	Gray	
	Post-Event						03/12/12	9:00 AM	Gray	
03/12/12	Gray	38'35'10"N 122'01'56"W	Suisun Slough/AJ9R-CB	Channel	Larvicide	Altosid Briquets	Background	03/12/12	1:30 PM	Gray
	Event						03/12/12	2:45 PM	Gray	
	Post-Event						03/19/12	8:30 PM	Gray	
03/15/12	Gray	38'14'33"N 122'03'20"W	Suisun Slough/AJ9H	Channel	Larvicide	Altosid Briquets	Background	03/15/12	1:45 PM	Gray
	Event						03/15/12	2:00 PM	Gray	
	Post-Event						03/20/12	1:00 PM	Gray	
03/23/12	Snyder	38'06' 03"N 122' 17'51"W	San Pablo Bay/MI 2TB, 2TC	Open waterway	Larvicide	Altosid Liquid Larvicide	Background	03/21/12	12:00 PM	Snyder
	Event						03/23/12	8:00 AM	Snyder	
	Post-Event						03/30/12	12:30 PM	Snyder	
04/03/12	Caldwell	38'20'05"N 122' 00'49"W	Alamo Creek/LH2A	Channel	Larvicide	Altosid Pellets	Background	04/03/12	8:30 AM	Caldwell
	Event						04/03/12	9:30 AM	Caldwell	
	Post-Event						04/09/12	11:46 AM	Caldwell	
04/17/12	Dula	38'14' 09"N 122' 00'44"W	Hill Slough/A223 DFG	Channel	Larvicide	Altosid Pellets	Background	04/17/12	9:00 AM	Dula
	Event						04/17/12	10:00 AM	Dula	
	Post-Event						04/27/12	8:30 AM	Dula	

WEATHER CONDITIONS				VISUAL OBSERVATIONS							
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
Clear/sunny	None	Light breeze	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Light breeze	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Gusty	Warm/mild	Colorless	Clear	Observed	Observed	Not Observed	None	Observed	None
Clear/sunny	None	Gusty	Warm/mild	Colorless	Clear	Observed	Observed	Not Observed	None	Observed	None
Clear/sunny	None	Gusty	Cool	Colorless	Clear	Observed	Observed	Not Observed	None	Observed	None
Partly cloudy	None	Gusty	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Gusty	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Gusty	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Light breeze	Cool	Brown	Clear	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Light breeze	Cool	Brown	Clear	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Calm	Warm/mild	Brown	Clear	Observed	Observed	Observed	Sheen	Observed	None
Clear/sunny	None	Gusty	Cool	Brown	Murky	Observed	Observed	Not Observed	None	Observed	None
Clear/sunny	None	Gusty	Cool	Brown	Murky	Observed	Observed	Not Observed	None	Observed	None
Clear/sunny	None	Calm	Cool	Brown	Murky	Observed	Observed	Not Observed	None	Observed	None
Partly cloudy	None	Light breeze	Cool	Brown	Murky	Observed	Observed	Not Observed	None	Observed	None
Partly cloudy	None	Light breeze	Cool	Brown	Murky	Observed	Observed	Not Observed	None	Observed	None
Partly cloudy	None	Calm	Cool	Brown	Murky	Observed	Observed	Not Observed	None	Observed	None
Overcast	None	Calm	Cool	Colorless	Clear	Observed	Observed	Not Observed	None	Observed	None
Overcast	None	Calm	Cool	Colorless	Clear	Observed	Observed	Not Observed	None	Observed	None
Overcast	None	Calm	Cool	Colorless	Clear	Observed	Observed	Not Observed	None	Observed	None
Partly cloudy	None	Calm	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Calm	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Overcast	None	Gusty	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Light breeze	Cool	Brown	Clear	Observed	Observed	Observed	Sheen	Not Observed	None
Clear/sunny	None	Gusty	Cool	Brown	Clear	Observed	Observed	Observed	Sheen	Not Observed	None
Overcast	None	Light breeze	Warm/mild	Brown	Murky	Observed	Observed	Observed	Sheen	Not Observed	None
Partly cloudy	None	Gusty	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Gusty	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Observed	None

APPLICATION INFORMATION								MONITORING INFORMATION			
Date of Application	Applicator	Location		Name of Water Body	Type of Water Body	Type of pesticide	Product Name	Time of monitoring	Monitoring Date	Time	Name(s) of personnel
4/18/2012	Caldwell	38°21'09"N	122°00'43"W	Alamo Creek/LBG2	Channel	Larvicide	Altosid Pellets	Background	04/18/12	9:00 AM	Caldwell
	Event							04/18/12	10:30 AM	Caldwell	
	Post-Event							04/23/12	12:00 AM	Caldwell	
05/12/12	Dula	38°13'12"N	121°55'19"W	Honker Bay/A303 Duck Club	Open waterway	Larvicide	Altosid Liquid Larvicide	Background	05/12/12	7:15 AM	Dula
	Event							05/12/12	8:30 AM	Dula	
	Post-Event							05/21/12	11:00 AM	Dula	
06/08/12	Snyder	38°09'01"N	122°16'42"W	Napa River/HH2T Tidal Marsh	Open waterway	Larvicide	Altosid Pellets	Background	06/08/12	12:30 PM	Snyder
	Event							06/08/12	12:30 PM	Snyder	
	Post-Event							07/06/12	2:00 PM	Snyder	
06/20/12	Caldwell	38°29'25"N	122°01'19"W	Putah Creek	Channel	Larvicide	Altosid Pellets	Background	06/20/12	9:00 AM	Caldwell
	Event							06/20/12	9:20 AM	Caldwell	
	Post-Event							06/27/12	10:50 AM	Caldwell	
06/21/12	Caldwell	38°21'44"N	121°58'40"W	Horse Creek/KV2 Catch Basin	Channel	Larvicide	Altosid Briquets	Background	06/21/12	12:15 PM	Caldwell
	Event							06/21/12	12:15 PM	Caldwell	
	Post-Event							06/27/12	11:45 AM	Caldwell	
05/02/12	Dula	38°09'17"N	121°58'30"W	Suisun Bay/DGG HDQT.	Open Waterway	Adulticide	MGK 5/25%	Background	05/02/12	9:00 AM	Dula
	Event							05/02/12	9:30 AM	Dula	
	Post-Event							05/09/12	5:00 AM	Dula	
05/08/12	Dula	38°09'17"N	121°56'30"W	Suisun Bay/DGG HDQT.	Open Waterway	Adulticide	MGK 5/25%	Background	05/08/12	9:30 AM	Dula
	Event							05/09/12	5:05 AM	Dula	
	Post-Event							05/17/12	10:00 AM	Dula	
05/15/12	Caldwell	38°24'56"N	122°00'47"W	English Creek/SR#4728	Channel	Adulticide	Biomist 4/12%	Background	05/15/12	6:15 AM	Caldwell
	Event							05/15/12	6:30 AM	Caldwell	
	Post-Event							05/22/12	12:30 PM	Caldwell	
05/15/12	Caldwell	38°25'57"N	121°58'38"W	Sweeney Creek	Channel	Adulticide	MGK 5/25%	Background	05/15/12	5:00 AM	Caldwell
	Event							05/15/12	5:30 AM	Caldwell	
	Post-Event							05/22/12	1:00 PM	Caldwell	

WEATHER CONDITIONS				VISUAL OBSERVATIONS							
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
Clear/sunny	None	Light breeze	Warm/mild	Brown	Clear	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Light breeze	Warm/mild	Brown	Clear	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Gusty	Warm/mild	Brown	Clear	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Light breeze	Warm/mild	Colorless	Clear	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Gusty	Warm/mild	Colorless	Clear	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Light breeze	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Partly cloudy	None	Light breeze	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Light breeze	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Calm	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Gusty	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Gusty	Warm/mild	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Calm	Hot	Brown	Murky	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Gusty	Cool	N/A	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	N/A	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	N/A	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	N/A	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	N/A	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Overcast	None	Gusty	Cool	N/A	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Brown	Clear	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Brown	Clear	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Gusty	Warm/mild	Brown	Clear	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Calm	Cool	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Gusty	Warm/mild	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None

APPLICATION INFORMATION							MONITORING INFORMATION			
Date of Application	Applicator	Location	Name of Water Body	Type of Water Body	Type of pesticide	Product Name	Time of monitoring	Monitoring Date	Time	Name(s) of personnel
05/18/12	Caldwell	38'24'42" N 122'03'05"W	Ulatis Creek/SR#2894	Creek	Adulticide	MGK 5/25%	Background	05/18/12	5:15 AM	Caldwell
	Event						05/18/12	5:45 AM	Caldwell	
	Post-Event						05/18/12	6:00 AM	Caldwell	
05/21/12	Caldwell	38'22'50" N 122'02'42"W	Alamo Creek/SR#5332	Creek	Adulticide	Biomist 4/12%	Background	05/21/12	5:00 AM	Caldwell
	Event						05/21/12	5:15 AM	Caldwell	
	Post-Event						05/21/12	5:25 AM	Caldwell	
05/31/12	Caldwell	38'26'06"N 121'58'35"W	Sweeney Creek	Creek	Adulticide	MGK 5/25%	Background	05/31/12	5:55 AM	Caldwell
	Event						05/31/12	6:20 AM	Caldwell	
	Post-Event						05/31/12	6:30 AM	Caldwell	
05/31/12	Dula	38'09'16"N 121'58'55"W	Suisun Bay/A519-1	Open Waterway	Adulticide	MGK 5/25%	Background	05/31/12	6:22 AM	Dula
	Event						05/31/12	6:22 AM	Dula	
	Post-Event						06/07/12	10:05 AM	Dula	
05/31/12	Dula	38'09'17"N 121'58'30"W	Suisun Bay/A535-DFG HDQT.	Open Waterway	Adulticide	MGK 5/25%	Background	05/31/12	5:30 AM	Dula
	Event						05/31/12	5:32 AM	Dula	
	Post-Event						06/07/12	9:40 AM	Dula	
05/31/12	Dula	38'09'20"N 121'58'20"W	Suisun Bay/A528	Open Waterway	Adulticide	MGK 5/25%	Background	05/31/12	5:52 AM	Dula
	Event						05/31/12	5:52 AM	Dula	
	Post-Event						06/07/12	9:15 AM	Dula	
06/14/12	Dula	38'08'30"N 122'15'25"W	Napa River	Open Waterway	Adulticide	MGK 5/25%	Background	06/14/12	7:30 AM	Dula
	Event						06/14/12	8:00 AM	Dula	
	Post-Event						06/21/12	8:12 AM	Dula	

WEATHER CONDITIONS				VISUAL OBSERVATIONS							
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
Sunrise/clear	None	Light breeze	Cool	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Colorless	Clear	Observed	Observed	Observed	None	Not Observed	None
Pre-sunrise/clear	None	Light breeze	Cool	Colorless	Clear	Not Observed	Observed	Observed	None	Not Observed	None
Sunrise/clear	None	Light breeze	Cool	Colorless	Clear	Not Observed	Observed	Observed	None	Not Observed	None
Sunny	None	Light breeze	Cool	Colorless	Clear	Not Observed	Observed	Observed	None	Not Observed	None
Sunny	None	Calm	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Sunny	None	Light breeze	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Sunny	None	Light breeze	Cool	Brown	Murky	Observed	Observed	Observed	None	Observed	None
Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Calm	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Clear/sunny	None	Light breeze	Cool	Colorless	Clear	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Sunny	None	Light breeze	Cool	N/A	N/A	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Sunny	None	Light breeze	Cool	N/A	N/A	Not Observed	Not Observed	Not Observed	None	Not Observed	None
Sunny	None	Light breeze	Cool	N/A	N/A	Not Observed	Not Observed	Not Observed	None	Not Observed	None