

1. **Annual Report**

a. Executive Summary

Fresno Westside Mosquito Abatement (District) complied with the applicable components of 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 and the Coalition conducted all required chemical and physical monitoring. The results of the Coalition's monitoring will be included in the Coalition Annual Report that will be sent separately to the SWRCB and Regional Boards.

The District made 171 applications to waters of the U.S. during the 2012 calendar year. The log of these applications can be found in Attachment 2. Beginning May 2012, the District performed Visual Monitoring of >10% of individual application sites identified as "Waters of the US". This monitoring was halted as of July 13, 2012, after notice of suspension from SWRCB citing that continued visual monitoring was "interfering with the need for maximal efficient application to adequately protect human health from vector-borne diseases like West Nile Virus." The District continued to follow the guidelines of its 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. BMP Identification

BMP's 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, calibrating application equipment and using a biology based assessment for determining treatment thresholds.

d. Violation Discussion

No violations of the General Permit were observed.

e. Map of Applications

See Attachment 1

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

Attachment 2 includes monthly reports of all application data on the covered application areas.

g. General Information on Applications

Included in Attachment 2. Dosage, concentration and quantity of each pesticide used are derived from the individual pesticide labels.

h. Visual Monitoring Data

Visual Monitoring Data has been submitted to the State Water Board in the provided MVP Monitoring Database Form and Monitoring Log Sheets (Attachment 3).

i. BMP, PAP, Monitoring Program Recommendations

No recommendations are being proposed to improve the current BMP's, PAP, or monitoring plan. Any changes to the Coalition Monitoring Plan will be highlighted in the Coalition Monitoring Annual Report.

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

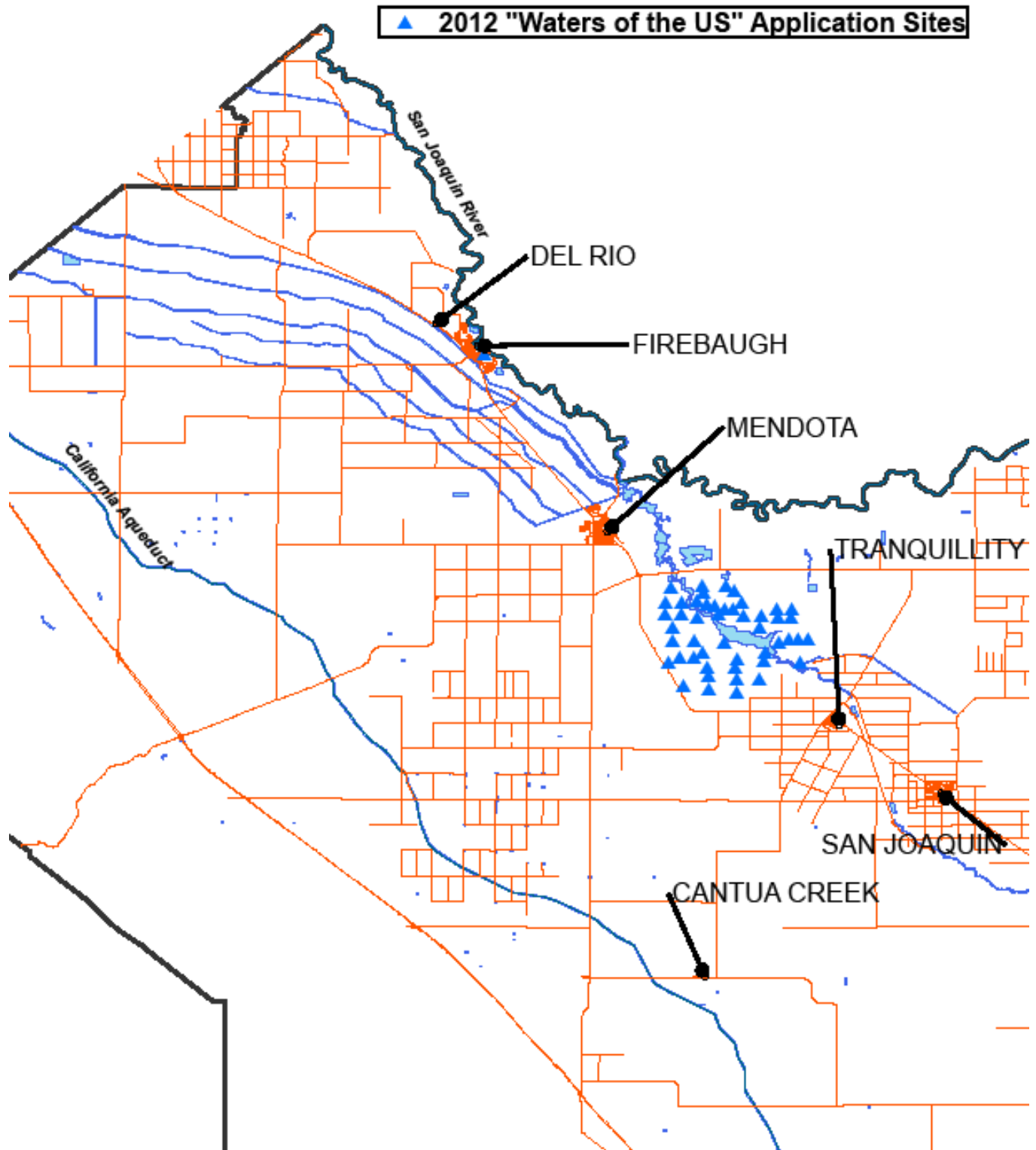
3. **Self Monitoring Reports**

N/A

4. **Monitoring Reports**

N/A

Attachment 1



ATTACHMENT 2

WOTUS PESTICIDE APPLICATION LOGS 2012: FWMAD

TreatmntDate	TRS-SiteID	Source Description	Insecticide Description	Area	Material_Amt	unit_type	X	Y
18-May-12	141525-019	Marsh/wetland	Alto sid Liquid Larv.	34	25.5	oz.	36.68331578	-120.2895664
18-May-12	141526-017	Marsh/wetland	Vectobac 12 AS	30	360	oz.	36.68434118	-120.3048549
22-May-12	141523-016	Marsh/wetland	Vectobac 12 AS	15	180	oz.	36.69328333	-120.3122353
22-May-12	141525-019	Marsh/wetland	Alto sid Liquid Larv.	40	30	oz.	36.68331578	-120.2895664
22-May-12	141619-051	Marsh/wetland	Vectobac 12 AS	108	1296	oz.	36.69570592	-120.2643991
6-Jun-12	141515-035	Marsh/wetland	Alto sid Liquid Larv.	47	35.25	oz.	36.71680817	-120.3279765
6-Jun-12	141619-051	Marsh/wetland	Alto sid Liquid Larv.	68	51	oz.	36.69570592	-120.2643991
6-Jun-12	141619-053	Marsh/wetland	Alto sid Liquid Larv.	75	56.25	oz.	36.69556843	-120.2752266
7-Jun-12	141510-031	Marsh/wetland	Alto sid Liquid Larv.	15	11.25	oz.	36.72597603	-120.3249577
7-Jun-12	141511-033	Marsh/wetland	Alto sid Liquid Larv.	5	3.75	oz.	36.72546063	-120.3113302
7-Jun-12	141522-010	Marsh/wetland	Alto sid Liquid Larv.	24	18	oz.	36.69407323	-120.3293033
7-Jun-12	141525-018	Marsh/wetland	Vectobac 12 AS	97	1164	oz.	36.68779142	-120.288954
7-Jun-12	141526-017	Marsh/wetland	Alto sid Liquid Larv.	38	28.5	oz.	36.68434118	-120.3048549
7-Jun-12	141526-017	Marsh/wetland	Alto sid Liquid Larv.	32	24	oz.	36.68434118	-120.3048549
7-Jun-12	141526-020	Marsh/wetland	Alto sid Liquid Larv.	50	37.5	oz.	36.67917794	-120.3060624
7-Jun-12	141527-015	Marsh/wetland	Alto sid Liquid Larv.	84	63	oz.	36.68784619	-120.3247309
7-Jun-12	141619-053	Marsh/wetland	Vectobac 12 AS	35	420	oz.	36.69556843	-120.2752266
12-Jun-12	121208-006	Range Grass	Vectobac 12 AS	90	1080	oz.	36.9067445	-120.6776095
12-Jun-12	121208-010	Range Grass	Vectobac 12 AS	40	480	oz.	36.90615079	-120.6872992
12-Jun-12	121208-013	Range Grass	Vectobac 12 AS	50	600	oz.	36.90676668	-120.6832628
12-Jun-12	141510-031	Marsh/wetland	Vectobac 12 AS	20	240	oz.	36.72597603	-120.3249577
12-Jun-12	141511-033	Marsh/wetland	Vectobac 12 AS	20	240	oz.	36.72546063	-120.3113302
12-Jun-12	141536-027	Marsh/wetland	Alto sid Liquid Larv.	65.3	49	oz.	36.67240037	-120.2921296
12-Jun-12	141618-050	Marsh/wetland	Vectobac 12 AS	77.3	928	oz.	36.7073791	-120.27418
15-Jun-12	141511-033	Marsh/wetland	Vectobac 12 AS	10	120	oz.	36.72546063	-120.3113302
15-Jun-12	141516-004	Marsh/wetland	Vectobac 12 AS	30	360	oz.	36.70990778	-120.3367909
15-Jun-12	141524-054	Marsh/wetland	Vectobac 12 AS	53	636	oz.	36.69315442	-120.2810369
15-Jun-12	141619-051	Marsh/wetland	Vectobac 12 AS	67	804	oz.	36.69570592	-120.2643991
19-Jun-12	141513-050	Marsh/wetland	Alto sid Liquid Larv.	30	22.5	oz.	36.7073791	-120.2816893
19-Jun-12	141536-027	Marsh/wetland	Alto sid Liquid Larv.	50	37.5	oz.	36.67240037	-120.2921296
29-Jun-12	121428-006	Gutter/Culvert	Agnique	0.5	64	oz.	36.85798	-120.449191
29-Jun-12	121428-006	Gutter/Culvert	Agnique	2	256	oz.	36.85798	-120.449191
29-Jun-12	141510-031	Marsh/wetland	Vectobac 12 AS	20	240	oz.	36.72597603	-120.3249577
29-Jun-12	141513-047	Marsh/wetland	Vectobac 12 AS	70	840	oz.	36.71253413	-120.2823184

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29-Jun-12	141524-054	Marsh/wetland	Vectobac 12 AS	70	840 oz.	36.69315442	-120.2810369
3-Jul-12	141515-035	Marsh/wetland	Altosid Liquid Larv.	40	30 oz.	36.71680817	-120.3279765
3-Jul-12	141535-026	Marsh/wetland	Altosid Liquid Larv.	20	15 oz.	36.67268372	-120.3052091
3-Jul-12	141535-026	Marsh/wetland	Altosid Liquid Larv.	40	30 oz.	36.67268372	-120.3052091
3-Jul-12	141619-051	Marsh/wetland	Altosid Liquid Larv.	140	105 oz.	36.69570592	-120.2643991
3-Jul-12	141619-053	Marsh/wetland	Altosid Liquid Larv.	40	30 oz.	36.69556843	-120.2752266
13-Jul-12	141516-005	Marsh/wetland	Vectobac 12 AS	25	300 oz.	36.70944324	-120.3459276
13-Jul-12	141516-005	Marsh/wetland	Vectobac 12 AS	25	300 oz.	36.70944324	-120.3459276
13-Jul-12	141527-015	Marsh/wetland	Vectobac 12 AS	44.33	532 oz.	36.68784619	-120.3247309
13-Jul-12	141619-051	Marsh/wetland	Vectobac 12 AS	30	360 oz.	36.69570592	-120.2643991
17-Jul-12	141619-053	Marsh/wetland	Altosid Liquid Larv.	75	56.25 oz.	36.69556843	-120.2752266
20-Jul-12	141510-031	Marsh/wetland	Altosid Liquid Larv.	20	15 oz.	36.72597603	-120.3249577
20-Jul-12	141619-051	Marsh/wetland	Altosid Liquid Larv.	70	52.5 oz.	36.69570592	-120.2643991
24-Jul-12	121428-006	Gutter/Culvert	BVA Oil	4	12 gal.	36.85798	-120.449191
15-Aug-12	141535-026	Marsh/wetland	Pyronyl	36.8	32 oz.	36.67268372	-120.3052091
16-Aug-12	141510-000	Marsh/wetland	Pyronyl	36.8	32 oz.	Section	Spray
16-Aug-12	141630-000	Marsh/wetland	Pyronyl	36.8	32 oz.	Section	Spray
23-Aug-12	141510-000	Marsh/wetland	Pyronyl	36.8	32 oz.	Section	Spray
23-Aug-12	141511-000	Marsh/wetland	Pyronyl	73.6	64 oz.	Section	Spray
23-Aug-12	141534-029	Marsh/wetland	Vectobac 12 AS	20	240 oz.	36.66663616	-120.321081
23-Aug-12	141535-026	Marsh/wetland	Vectobac 12 AS	40	480 oz.	36.67268372	-120.3052091
23-Aug-12	141535-028	Marsh/wetland	Aquabac	30	300 lbs.	36.6650721	-120.3051032
23-Aug-12	141618-048	Marsh/wetland	Altosid Liquid Larv.	80	60 oz.	36.71262946	-120.2736061
24-Aug-12	121428-006	Gutter/Culvert	BVA Oil	0.67	2 gal.	36.85798	-120.449191
24-Aug-12	121428-006	Gutter/Culvert	BVA Oil	1.33	4 gal.	36.85798	-120.449191
28-Aug-12	141509-045	Marsh/wetland	Vectobac 12 AS	80	960 oz.	36.72523791	-120.3426634
28-Aug-12	141510-032	Marsh/wetland	Altosid Liquid Larv.	40	30 oz.	36.72211934	-120.3240039
28-Aug-12	141525-019	Marsh/wetland	Vectobac 12 AS	18.6	223.2 oz.	36.68331578	-120.2895664
28-Aug-12	141535-028	Marsh/wetland	Vectobac 12 AS	40	480 oz.	36.6650721	-120.3051032
5-Sep-12	141510-031	Marsh/wetland	Altosid Liquid Larv.	30	22.5 oz.	36.72597603	-120.3249577
5-Sep-12	141510-032	Marsh/wetland	Altosid Liquid Larv.	60	45 oz.	36.72211934	-120.3240039
5-Sep-12	141525-019	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36.68331578	-120.2895664
5-Sep-12	141526-017	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36.68434118	-120.3048549
5-Sep-12	141534-025	Marsh/wetland	Vectobac 12 AS	20	320 oz.	36.6741209	-120.3211863
5-Sep-12	141535-028	Marsh/wetland	Vectobac 12 AS	10	160 oz.	36.6650721	-120.3051032
5-Sep-12	141619-052	Marsh/wetland	Altosid Liquid Larv.	70	52.5 oz.	36.69560035	-120.2701567
7-Sep-12	121428-006	Gutter/Culvert	BVA Oil	0.0028	0.0078 gal.	36.85798	-120.449191

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10-Sep-12	141509-000	Marsh/wetland	Pyronyl	22.98	20 oz.	Section	Spray
10-Sep-12	141510-000	Marsh/wetland	Pyronyl	80.45	70 oz.	Section	Spray
10-Sep-12	141521-000	Marsh/wetland	Pyronyl	43.67	38 oz.	Section	Spray
11-Sep-12	141510-031	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	40	510 oz.	36.72597603	-120.3249577
11-Sep-12	141510-032	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	60	765 oz.	36.72211934	-120.3240039
11-Sep-12	141515-003	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	40	510 oz.	36.70805488	-120.3277877
11-Sep-12	141521-011	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	35	446.25 oz.	36.69480592	-120.3417884
11-Sep-12	141527-014	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	45	573.75 oz.	36.68466407	-120.3295643
11-Sep-12	141528-011	Rural residential	Pyronyl	36.8	32 oz.	36.681713	-120.344137
11-Sep-12	141528-013	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	20	255 oz.	36.68529589	-120.3377659
11-Sep-12	141535-026	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	50	637.5 oz.	36.67268372	-120.3052091
11-Sep-12	141619-052	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	50	637.5 oz.	36.69560035	-120.2701567
13-Sep-12	141513-050	Marsh/wetland	Vectobac 12 AS	70	1120 oz.	36.7073791	-120.2816893
13-Sep-12	141521-006	Marsh/wetland	Vectobac 12 AS	25	400 oz.	36.70161544	-120.3418273
13-Sep-12	141527-022	Marsh/wetland	Vectobac 12 AS	25	400 oz.	36.6792134	-120.3221524
13-Sep-12	141528-011	Rural residential	Pyronyl	27.5	24 oz.	36.681713	-120.344137
13-Sep-12	141630-000	Marsh/wetland	Pyronyl	73.6	64 oz.	Section	Spray
18-Sep-12	141510-031	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	50	637.5 oz.	36.72597603	-120.3249577
18-Sep-12	141510-032	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	60	765 oz.	36.72211934	-120.3240039
18-Sep-12	141511-034	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	15	191.25 oz.	36.72259529	-120.3065011
18-Sep-12	141513-050	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	70	892.5 oz.	36.7073791	-120.2816893
18-Sep-12	141525-019	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	80	1020 oz.	36.68331578	-120.2895664
18-Sep-12	141528-020	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	20	255 oz.	36.67917794	-120.3060624
18-Sep-12	141528-013	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	31.6	402.9 oz.	36.68529589	-120.3377659
18-Sep-12	141535-028	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	50	637.5 oz.	36.6650721	-120.3051032
18-Sep-12	141619-052	Marsh/wetland	Duplex (.75ozAI/12ozBtl)	70	892.5 oz.	36.69560035	-120.2701567
19-Sep-12	141510-000	Marsh/wetland	Pyronyl	50.5	44 oz.	Section	Spray
19-Sep-12	141619-052	Marsh/wetland	Pyronyl	22.9	20 oz.	36.69560035	-120.2701567
20-Sep-12	141509-000	Marsh/wetland	Pyronyl	87.35	76 oz.	Section	Spray
20-Sep-12	141510-000	Marsh/wetland	Pyronyl	114.94	100 oz.	Section	Spray
20-Sep-12	141525-000	Marsh/wetland	Kontrol 4-4	111.4	149.3 oz.	Section	Spray
20-Sep-12	141528-000	Marsh/wetland	Kontrol 4-4	111.4	149.3 oz.	Section	Spray
20-Sep-12	141534-000	Marsh/wetland	Kontrol 4-4	111.4	149.3 oz.	Section	Spray
21-Sep-12	121428-006	Gutter/Culvert	BVA Oil	1.33	4 gal.	36.85798	-120.449191
21-Sep-12	121428-006	Gutter/Culvert	BVA Oil	0.67	2 gal.	36.85798	-120.449191
21-Sep-12	141509-045	Marsh/wetland	Vectobac 12 AS	60	960 oz.	36.72523791	-120.3426634
21-Sep-12	141513-005	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36.70870065	-120.2910666

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21-Sep-12	141513-050	Marsh/wetland	Vectobac 12 AS	60	960 oz.	36.7073791	-120.28168893
21-Sep-12	141514-039	Marsh/wetland	Vectobac 12 AS	75	1200 oz.	36.71283341	-120.3071619
21-Sep-12	141515-038	Marsh/wetland	Vectobac 12 AS	15	240 oz.	36.70977	-120.31558
21-Sep-12	141516-002	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36.71629589	-120.336452
21-Sep-12	141525-019	Marsh/wetland	Aquabac	40	400 lbs.	36.68331578	-120.2895664
21-Sep-12	141526-017	Marsh/wetland	Aquabac	30	300 lbs.	36.68434118	-120.3048549
21-Sep-12	141527-015	Marsh/wetland	Aquabac	10	100 lbs.	36.68784619	-120.3247309
21-Sep-12	141533-030	Marsh/wetland	Aquabac	15	150 lbs.	36.66893767	-120.3355985
21-Sep-12	141534-025	Marsh/wetland	Vectobac 12 AS	20	320 oz.	36.6741209	-120.3211863
25-Sep-12	141509-045	Marsh/wetland	Vectobac 12 AS	55	880 oz.	36.72523791	-120.3426634
25-Sep-12	141510-031	Marsh/wetland	Vectobac 12 AS	55	880 oz.	36.72597603	-120.3249577
25-Sep-12	141510-032	Marsh/wetland	Vectobac 12 AS	70	1120 oz.	36.72211934	-120.3240039
25-Sep-12	141511-033	Marsh/wetland	Vectobac 12 AS	38	608 oz.	36.72546063	-120.3113302
25-Sep-12	141513-005	Marsh/wetland	Vectobac 12 AS	15	240 oz.	36.70870065	-120.2910666
25-Sep-12	141514-039	Marsh/wetland	Vectobac 12 AS	100	1600 oz.	36.71283341	-120.3071619
25-Sep-12	141516-005	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36.70944324	-120.3459276
25-Sep-12	141521-006	Marsh/wetland	Vectobac 12 AS	60	960 oz.	36.70161544	-120.3418273
25-Sep-12	141525-018	Marsh/wetland	Aquabac	40	400 lbs.	36.68779142	-120.288954
25-Sep-12	141526-020	Marsh/wetland	Vectobac 12 AS	27	432 oz.	36.67917794	-120.3060624
25-Sep-12	141618-050	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36.70736	-120.27418
26-Sep-12	141510-000	Marsh/wetland	Pyronyl	140	121.8 oz.	Section	Spray
27-Sep-12	141509-000	Marsh/wetland	Pyronyl	121	105.27 oz.	Section	Spray
27-Sep-12	141510-000	Marsh/wetland	Pyronyl	130	113.1 oz.	Section	Spray
28-Sep-12	141509-045	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36.72523791	-120.3426634
28-Sep-12	141514-002	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36.70897969	-120.3013652
28-Sep-12	141514-038	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36.71232923	-120.3120743
28-Sep-12	141516-001	Marsh/wetland	Vectobac 12 AS	20	320 oz.	36.71646849	-120.3457063
28-Sep-12	141516-002	Marsh/wetland	Vectobac 12 AS	38	608 oz.	36.71629589	-120.336452
28-Sep-12	141516-005	Marsh/wetland	Vectobac 12 AS	32	512 oz.	36.70944324	-120.3459276
28-Sep-12	141524-042	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36.70167693	-120.2919339
28-Sep-12	141526-017	Marsh/wetland	Vectobac 12 AS	32	512 oz.	36.68434118	-120.3048549
28-Sep-12	141528-013	Marsh/wetland	Vectobac 12 AS	123	1968 oz.	36.68529589	-120.3377659
28-Sep-12	141534-029	Marsh/wetland	Vectobac 12 AS	20	320 oz.	36.66663616	-120.321081
28-Sep-12	141619-051	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36.69570592	-120.2643991
28-Sep-12	141619-051	Marsh/wetland	Vectobac 12 AS	35	560 oz.	36.69570592	-120.2643991
2-Oct-12	141510-032	Marsh/wetland	Altoisid Liquid Larv.	10	10 oz.	36.72211934	-120.3240039
2-Oct-12	141524-042	Marsh/wetland	Altoisid Liquid Larv.	75	75 oz.	36.70167693	-120.2919339

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2-Oct-12	141534-029	Marsh/wetland	Vectobac 12 AS	50	800 oz.	36,666,636.16	-120,321,081
2-Oct-12	141535-028	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36,665,507.21	-120,305,103.2
2-Oct-12	141619-051	Marsh/wetland	Altoisid Liquid Larv.	60	60 oz.	36,695,705.92	-120,264,399.1
2-Oct-12	141619-053	Marsh/wetland	Altoisid Liquid Larv.	75	75 oz.	36,695,568.43	-120,275,226.6
3-Oct-12	141505-000	Slough/natural drain	AquaAnvil	250	0.98 gal.	Section	Spray
3-Oct-12	141509-000	Marsh/wetland	AquaAnvil	835	3.26 gal.	Section	Spray
3-Oct-12	141510-000	Marsh/wetland	AquaAnvil	835	3.26 gal.	Section	Spray
5-Oct-12	141509-045	Marsh/wetland	Vectobac 12 AS	53	848 oz.	36,725,237.91	-120,342,663.4
5-Oct-12	141510-032	Marsh/wetland	Vectobac 12 AS	50	800 oz.	36,722,119.34	-120,324,003.9
5-Oct-12	141514-001	Marsh/wetland	Vectobac 12 AS	15	240 oz.	36,716,015.24	-120,302,350.4
5-Oct-12	141514-002	Marsh/wetland	Vectobac 12 AS	10	160 oz.	36,708,979.69	-120,301,365.2
5-Oct-12	141514-039	Marsh/wetland	Vectobac 12 AS	75	1200 oz.	36,712,833.41	-120,307,161.9
5-Oct-12	141515-036	Marsh/wetland	Vectobac 12 AS	20	320 oz.	36,715,590.04	-120,322,297.4
5-Oct-12	141525-019	Marsh/wetland	Vectobac 12 AS	47	752 oz.	36,683,315.78	-120,289,566.4
5-Oct-12	141619-053	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36,695,568.43	-120,275,226.6
9-Oct-12	141510-032	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36,722,119.34	-120,324,003.9
9-Oct-12	141513-005	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36,708,700.65	-120,291,066.6
9-Oct-12	141514-001	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36,716,015.24	-120,302,350.4
9-Oct-12	141515-036	Marsh/wetland	Vectobac 12 AS	80	1280 oz.	36,715,590.04	-120,322,297.4
9-Oct-12	141524-054	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36,693,154.42	-120,281,036.9
9-Oct-12	141619-053	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36,695,568.43	-120,275,226.6
12-Oct-12	141511-033	Marsh/wetland	Vectobac 12 AS	38	608 oz.	36,725,460.63	-120,311,330.2
12-Oct-12	141514-038	Marsh/wetland	Vectobac 12 AS	100	1600 oz.	36,712,329.23	-120,312,074.3
12-Oct-12	141515-037	Marsh/wetland	Vectobac 12 AS	30	480 oz.	36,714,216.37	-120,317,787.3
12-Oct-12	141524-042	Marsh/wetland	Vectobac 12 AS	47	752 oz.	36,701,676.93	-120,291,933.9
12-Oct-12	141619-051	Marsh/wetland	Vectobac 12 AS	40	640 oz.	36,695,705.92	-120,264,399.1
12-Oct-12	141630-055	Marsh/wetland	Vectobac 12 AS	25	400 oz.	36,681,793.33	-120,268,784.5

