

1. **Annual Report**

a. Executive Summary

Alameda County 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 620 applications to 177 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 individual application sites identified as "Waters of the US" until July 2012. The visual monitoring completed by the District in 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).

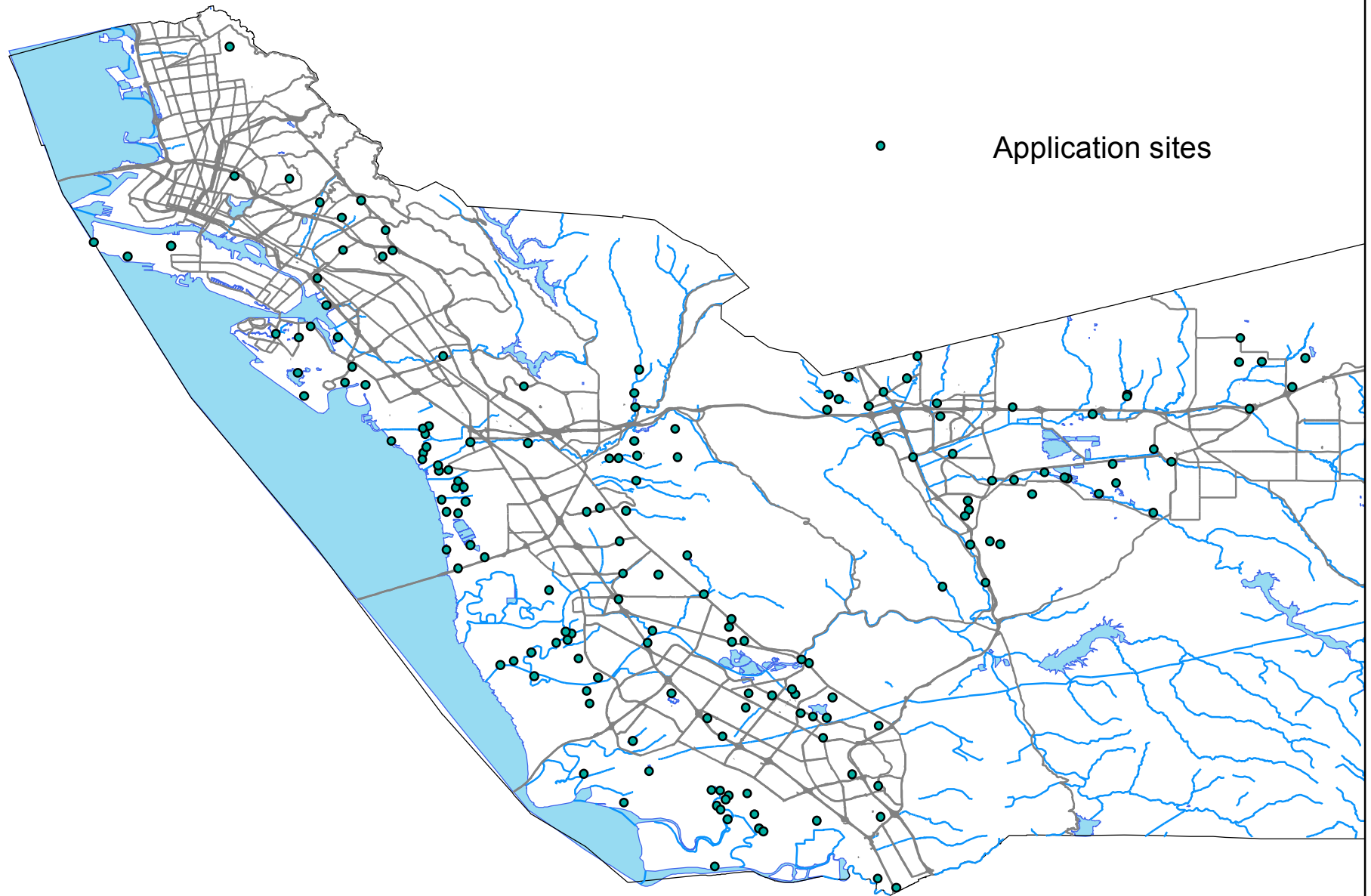
b. Summary of Monitoring Data

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. 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, calibrate application equipment and use a biology based assessment for determining treatment thresholds.
 - 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.
Attachment B includes monthly reports of all application data on the covered application areas.
 - 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 has been submitted to the State Water Board in 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. 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**
The Coalition Monitoring Annual Report will summarize all physical measurements and chemical monitoring done for 2011 and 2012.



empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
41	ALVARADO CREEK PARK	Creek	1/4/2012 11:00	VectoMAX CG	0.3	3	lb	37.58859	-122.0461
48	Marina High School	Marsh reclaim	1/4/2012 11:15	Vectobac G	0.3	5	lb	37.69151	-122.163
41	Heritage Canal	Canal	1/4/2012 12:35	VectoMAX CG	0.2	2	lb	37.5567	-121.9972
41	LINE N-by GRESEL ST	Canal	1/4/2012 14:05	VectoMAX CG	0.2	2	lb	37.61721	-122.0432
41	Seike Temple ditch	Canal	1/6/2012 11:55	VectoMAX CG	0.2	2	lb	37.5835	-121.9996
41	CHERRYWOOD TRACT	Canal	1/6/2012 12:20	VectoMAX CG	0.2	2	lb	37.59042	-122.0073
73	Hellman Gun Club	Marsh reclaim	1/6/2012 12:45	Vectobac G	2	10	lb	37.4865	-121.99
41	CENTRAL PARK RR Ditch	Creek	1/6/2012 12:55	BVA 2	1	3	gal	37.5517	-122.9577
41	CENTRAL PARK RR Ditch	Creek	1/6/2012 13:20	VectoMAX CG	0.05	0.5	lb	37.5517	-122.9577
65	DALTON POND	Rainwater	1/9/2012 10:30	Vectobac G	0.7	9	lb	37.7273	-122.7329
73	Hellman Gun Club	Marsh reclaim	1/9/2012 13:00	Vectobac G	1	4	lb	37.4865	-121.99
41	HETCH HETCHY WATER	Ditch	1/10/2012 11:20	VectoMAX CG	0.2	2	lb	37.55478	-121.9548
41	HETCH HETCHY WATER	Ditch	1/10/2012 11:30	Altosid Brq	0.01	20	ea	37.55478	-121.9548
41	CROCKER DITCH	Canal	1/11/2012 13:15	VectoMAX CG	0.1	1	lb	37.534	-121.9594
73	MOUSE PASTURE	Marsh tidal	1/11/2012 14:09	Vectobac G	1	10	lb	37.4921	-121.9626
73	Warm Springs Golf Creek	Creek	1/12/2012 10:30	Vectobac G	1	6	lb	37.4939	-121.9301
48	SKYWEST GOLF COURSE	Ditch	1/17/2012 13:30	Vectobac G	1	15	lb	37.6648	-122.1452
41	TYSON LAGOON	Natural pond	1/19/2012 11:55	Duplex-G-CG	0.6	6	lb	37.55879	-121.9754
41	TYSON LAGOON	Natural pond	1/19/2012 12:20	Duplex-G-CG	0.4	4	lb	37.55879	-121.9754
41	MAYHEW RD FLOOD POND	Rainwater	1/19/2012 13:30	Vectolex CG	0.4	4	lb	37.58293	-122.0058
41	Garin Park Creek	Creek	1/19/2012 14:10	Vectolex CG	0.4	4	lb	37.62696	-122.0285
79	COYOTE HILL-BACKPOND	Marsh reclaim	1/24/2012 8:30	Vectolex WSP	0.03	30	ea	37.5515	-122.0782
41	WALKER, PAT	Seepage	1/25/2012 13:00	Vectolex CG	1	10	lb	37.69117	-122.0346
65	STERLING GREENS PONDS	Natural pond	1/30/2012 10:55	Natular XRT	0.1	30	ea	37.6469	-121.8874
73	MOUSE PASTURE	Marsh tidal	1/30/2012 11:04	Vectobac G	2	10	lb	37.4921	-121.9626
79	COYOTE HILL-FRNT MAR	Marsh reclaim	2/1/2012 8:30	Vectolex WSP	0.01	10	ea	37.558	-122.0798
48	CULL CANYON PARK	Creek	2/2/2012 11:45	Vectobac G	1	15	lb	37.7095	-122.0556
41	ALVARADO CREEK PARK	Creek	2/2/2012 11:55	Altosid Brq	0.002	1	ea	37.58859	-122.0461
65	ARROYO DEL VALLE9.6	Creek	2/2/2012 12:00	Altosid Brq	0.2	70	ea	37.6654	-121.8623
62	Main Street Ponds	Natural pond	2/2/2012 12:15	Vectobac G	2.5	39.9	lb	37.78444	-122.2913
41	HETCH HETCHY WATER	Ditch	2/2/2012 12:40	Duplex-G-CG	0.2	2	lb	37.55478	-121.9548
65	ARROYO DEL VALLE9.6	Creek	2/2/2012 12:45	Natular XRT	0.1	24	ea	37.6654	-121.8623
65	ARROYO DEL VALLE9.6	Creek	2/2/2012 13:00	Altosid Pellets	0.8	4	lb	37.6654	-121.8623
65	ARROYO DEL VALLE9.6	Creek	2/2/2012 13:15	Vectobac G	0.6	8	lb	37.6654	-121.8623
65	MOBILEHOME POND	Creek	2/2/2012 13:30	Duplex-G-CG	0.4	4	lb	37.66899	-121.8467
79	COYOTE HILL-BACKPOND	Marsh reclaim	2/3/2012 8:30	BVA 2	1	3	gal	37.5515	-122.0782

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
90	NAVAL BASE - South marsh	Marsh tidal	2/3/2012 13:00	Vectobac G	0.4	4	lb	37.77912	-122.3134
90	NAVAL BASE - South marsh	Marsh tidal	2/3/2012 13:35	Vectolex CG	0.5	5	lb	37.77912	-122.3134
90	NAVAL BASE - South marsh	Marsh tidal	2/6/2012 9:00	Vectobac G	1.4	14	lb	37.77912	-122.3134
90	NAVAL BASE - South marsh	Marsh tidal	2/6/2012 10:00	Vectolex CG	1	10.5	lb	37.77912	-122.3134
41	RUUS RD CANALS	Canal	2/6/2012 10:30	Duplex-G-CG	0.03	2.5	lb	37.6178	-122.0613
90	NAVAL BASE - South marsh	Marsh tidal	2/6/2012 11:30	Vectobac G	1.4	14	lb	37.77912	-122.3134
41	ALVARADO CREEK PARK	Creek	2/6/2012 12:35	Altosid XR	0.002	1	ea	37.58859	-122.0461
90	NAVAL BASE - South marsh	Marsh tidal	2/6/2012 12:45	Vectolex CG	1	10.5	lb	37.77912	-122.3134
41	ALVARADO CREEK PARK	Creek	2/6/2012 12:50	Duplex-G-CG	0.1	1	lb	37.58859	-122.0461
41	TYSON LAGOON	Natural pond	2/6/2012 14:00	Duplex-G-CG	0.3	3	lb	37.55879	-121.9754
73	BRINKER MARSH	Marsh reclaim	2/7/2012 9:15	Duplex-12AS-ALL	4	40	gal	37.48814	-121.9922
48	HOHENER SLAUGHTER	Rainwater	2/7/2012 12:30	Vectobac G	0.5	10	lb	37.71367	-122.1923
79	SOUTH MARSH - SOUTHW	Natural pond	2/7/2012 14:00	BVA 2	0.3	1	gal	37.5841	-122.0896
73	DURHAM DUMP	Marsh reclaim	2/8/2012 9:16	Duplex-12AS-ALL	3	30	gal	37.4952	-121.9945
79	COYOTE HILL-FRNT MAR	Marsh reclaim	2/8/2012 10:00	Vectolex WSP	0.02	20	ea	37.558	-122.0798
73	Parkmeadow pond - Arroyo Agua Ca	Natural pond	2/8/2012 11:00	Duplex-12AS-ALL	2	10	gal	37.5098	-121.9313
73	WARM SPRINGS AIRPORT	Marsh reclaim	2/8/2012 12:30	Duplex-12AS-ALL	1	10	gal	37.4625	-121.9317
65	DALTON POND	Rainwater	2/8/2012 12:45	Vectobac G	1	18	lb	37.7273	-122.7329
73	DIXON DITCH	Marsh reclaim	2/8/2012 13:22	Duplex-12AS-ALL	2	20	gal	37.4579	-121.9222
41	Heritage Canal	Canal	2/9/2012 13:20	Duplex-G-CG	0.2	2	lb	37.5567	-121.9972
41	LINE N-by GRESEL ST	Canal	2/9/2012 14:15	Duplex-G-CG	0.3	3	lb	37.61721	-122.0432
65	680 DITCH	Ditch	2/10/2012 12:00	Altosid Pellets	0.7	3.5	lb	37.6771	-121.9136
79	COYOTE HILL-FRNT MAR	Marsh reclaim	2/14/2012 10:45	BVA 2	0.05	20	fl oz	37.558	-122.0798
48	ALAMEDA GOLF COURSE	Canal	2/14/2012 11:00	Vectobac G	2.5	40	lb	37.73961	-122.238
79	COYOTE HILL-FRNT MAR	Marsh reclaim	2/17/2012 7:15	Vectobac 1:80	5	50	gal	37.558	-122.0798
90	NAVAL BASE - South marsh	Marsh tidal	2/17/2012 9:00	Vectobac G	2.4	24	lb	37.77912	-122.3134
90	NAVAL BASE - South marsh	Marsh tidal	2/17/2012 10:30	Vectolex CG	0.7	7	lb	37.77912	-122.3134
90	NAVAL BASE - South marsh	Marsh tidal	2/17/2012 12:30	Vectobac G	2.4	24	lb	37.77912	-122.3134
79	COYOTE HILL-BACKPOND	Marsh reclaim	2/17/2012 12:30	BVA 2	3	6	gal	37.5515	-122.0782
90	NAVAL BASE - South marsh	Marsh tidal	2/17/2012 13:35	Vectolex CG	0.7	7	lb	37.77912	-122.3134
48	GRANT AVE DRAIN	Marsh reclaim	2/21/2012 10:00	Vectobac G	1	15	lb	37.6699	-122.155
48	SLBP/66th Marsh	Marsh reclaim	2/21/2012 12:30	Vectobac G	1	15	lb	37.7541	-122.2124
90	NAVAL BASE - South marsh	Marsh tidal	2/21/2012 14:30	Vectolex WSP	0.01	8	ea	37.77912	-122.3134
90	NAVAL BASE - South marsh	Marsh tidal	2/21/2012 14:45	BVA 2	0.02	8	fl oz	37.77912	-122.3134
41	HETCH HETCHY WATER	Ditch	2/22/2012 11:45	Duplex-G-CG	0.3	2.5	lb	37.55478	-121.9548
48	Oro Loma Ditch EAST	Ditch	2/23/2012 10:45	GB	0.4	1.5	gal	37.6618	-122.1425

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
48	Marina High School	Marsh reclaim	2/23/2012 11:15	Vectobac G	0.5	10	lb	37.69151	-122.163
90	NAVAL BASE - South marsh	Marsh tidal	2/23/2012 11:45	Vectolex WSP	0.01	8	ea	37.77912	-122.3134
48	TROJAN R.R.	Marsh reclaim	2/24/2012 11:30	Vectobac G	1	15	lb	37.6822	-122.1614
48	SKYWEST GOLF COURSE	Ditch	2/24/2012 13:30	Vectobac G	1	15	lb	37.6648	-122.1452
48	SOUTH TROJAN	Marsh reclaim	2/27/2012 10:30	Vectobac G	0.5	10	lb	37.6729	-122.1554
48	TROJAN PG&E TOWERS	Marsh tidal	2/27/2012 11:15	GB	0.2	0.35	gal	37.67568	-122.1633
48	MARSICANO MARSH	Marsh reclaim	2/28/2012 10:15	Duplex-12AS-ALL	5	50	gal	37.62614	-122.1317
79	ALA.CR.-HORSE STABLE	Ditch	2/28/2012 10:30	BVA 2	1	3	gal	37.56486	-122.0741
48	TANK FARM	Marsh reclaim	2/28/2012 12:15	Duplex-12AS-ALL	10	100	gal	37.7148	-122.2028
48	NO.OLD OAK.AIRPORT	Marsh reclaim	2/29/2012 9:45	Natular XRT	0.005	10	ea	37.7377	-122.2262
48	AIRPORT MARSH	Marsh reclaim	2/29/2012 11:00	Duplex-12AS-ALL	5	50	gal	37.7199	-122.2268
73	SOUTH HEATH	Marsh reclaim	2/29/2012 11:02	Duplex-12AS-ALL	2	20	gal	37.5029	-122.0092
73	EAST HEATH	Marsh reclaim	2/29/2012 12:30	Duplex-12AS-ALL	2	20	gal	37.5048	-122.0076
73	CENTRAL HEATH	Marsh reclaim	2/29/2012 13:30	Duplex-12AS-ALL	2	20	gal	37.50268	122.0139
48	AIRPORT RUNWAY	Marsh reclaim	2/29/2012 14:30	Duplex-12AS-ALL	5	50	gal	37.7079	-122.2237
48	AIRPORT RUNWAY	Marsh reclaim	3/1/2012 9:00	Duplex-12AS-ALL	5	50	gal	37.7079	-122.2237
48	AIRPORT RUNWAY	Marsh reclaim	3/1/2012 12:15	Duplex-12AS-ALL	5	50	gal	37.7079	-122.2237
48	TANK FARM	Marsh reclaim	3/1/2012 13:45	Duplex-12AS-ALL	5	50	gal	37.7148	-122.2028
48	TANK FARM	Marsh reclaim	3/2/2012 8:15	Duplex-12AS-ALL	15	150	gal	37.7148	-122.2028
48	TANK FARM	Marsh reclaim	3/2/2012 12:45	Duplex-12AS-ALL	15	150	gal	37.7148	-122.2028
79	ALA.CR.-HORSE STABLE	Ditch	3/5/2012 7:15	Vectobac 1:80	3	30	gal	37.56486	-122.0741
73	DIXON DITCH	Marsh reclaim	3/5/2012 10:15	Duplex-12AS-ALL	5	50	gal	37.4579	-121.9222
65	DONLON CREEK	Creek	3/5/2012 10:30	Altosid Pellets	0.01	5	dry oz	37.7066	-121.9516
79	COYOTE HILL-FRNT MAR	Marsh reclaim	3/5/2012 11:15	Vectobac 1:80	2	20	gal	37.558	-122.0798
41	LINE N-by GRESEL ST	Canal	3/6/2012 13:55	Duplex-G-CG	0.3	3	lb	37.61721	-122.0432
65	VINEYARD CREEK	Creek	3/6/2012 14:00	Altosid Pellets	0.1	0.5	lb	37.658	-121.8531
73	DURHAM DUMP	Marsh reclaim	3/7/2012 9:20	Duplex-12AS-ALL	2	20	gal	37.4952	-121.9945
73	BRINKER MARSH	Marsh reclaim	3/7/2012 10:30	Duplex-12AS-ALL	2	20	gal	37.48814	-121.9922
73	Hellman Gun Club	Marsh reclaim	3/7/2012 11:30	Duplex-12AS-ALL	1	10	gal	37.4865	-121.99
41	ALVARADO CREEK PARK	Creek	3/7/2012 11:45	Duplex-G-CG	0.1	1	lb	37.58859	-122.0461
41	ALVARADO CREEK PARK	Creek	3/7/2012 11:55	Altosid WSP	0.005	10	ea	37.58859	-122.0461
41	TYSON LAGOON	Natural pond	3/7/2012 12:45	Duplex-G-CG	0.4	4	lb	37.55879	-121.9754
79	COYOTE HILL-BACKPOND	Marsh reclaim	3/8/2012 7:15	Vectobac 1:80	5	50	gal	37.5515	-122.0782
65	CAMP PARKS & S.P.R.R	Rainwater	3/8/2012 11:45	Altosid Pellets	0.005	3	dry oz	37.7171	-121.9169
65	NOOKY LAKE SIDE POND	Natural pond	3/8/2012 14:15	Duplex-G-CG	0.3	5	lb	37.6667	-121.8366
65	MOBILEHOME POND	Creek	3/8/2012 15:00	Duplex-G-CG	1	20	lb	37.66899	-121.8467

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
41	Heritage Canal	Canal	3/9/2012 11:00	Duplex-G-CG	0.05	0.5	lb	37.5567	-121.9972
65	SINBAD CREEK	Creek	3/9/2012 12:15	Duplex-G-CG	3	5	lb	37.61108	-121.8987
65	SINBAD CREEK	Creek	3/9/2012 12:30	Altosid Pellets	1	5	lb	37.61108	-121.8987
48	Marina High School	Marsh reclaim	3/12/2012 10:00	Vectobac G	0.5	10	lb	37.69151	-122.163
48	HOHENER SLAUGHTER	Rainwater	3/12/2012 11:00	Vectobac G	0.5	10	lb	37.71367	-122.1923
65	VULCAN	Natural pond	3/12/2012 11:30	Duplex-12AS-ALL	2	20	gal	37.6735	-121.8121
48	JUVENILE HALL	Marsh fresh	3/12/2012 13:30	Vectobac G	0.3	5	lb	37.71295	-122.1117
73	MOUSE PASTURE	Marsh tidal	3/12/2012 13:40	Vectobac G	2	8	lb	37.4921	-121.9626
65	LONESTAR	Natural pond	3/12/2012 14:15	Duplex-12AS-ALL	2	20	gal	37.66368	-121.8104
41	MAYHEW RD FLOOD POND	Rainwater	3/19/2012 11:00	Duplex-G-CG	0.3	3	lb	37.58293	-122.0058
65	680 DITCH	Ditch	3/19/2012 11:00	Natular G30	1	10	lb	37.6771	-121.9136
41	WARD CREEK- LOWER	Creek	3/19/2012 12:30	Altosid Pellets	0.01	1	dry oz	37.6649	-122.0547
41	WARD CREEK- LOWER	Creek	3/19/2012 12:45	BVA 2	0.002	1	fl oz	37.6649	-122.0547
41	5 canyons area creeks,ditches,pond	Creek	3/19/2012 14:00	Altosid Pellets	0.01	1	dry oz	37.6771	-122.0334
41	5 canyons area creeks,ditches,pond	Creek	3/19/2012 14:15	BVA 2	0.002	1	fl oz	37.6771	-122.0334
48	MILLS LAKE	Natural pond	3/21/2012 11:00	Altosid WSP	0.1	50	ea	37.7819	-122.1786
79	COYOTE HILL-FRNT MAR	Marsh reclaim	3/22/2012 8:30	Vectobac 1:80	5	50	gal	37.558	-122.0798
65	Springtown cattle field	Rainwater	3/22/2012 11:30	Duplex-G-CG	0.8	8	lb	37.7255	-121.7364
73	Hellman Gun Club	Marsh reclaim	3/22/2012 12:10	Altosid Brq	0.2	200	ea	37.4865	-121.99
65	DALTON POND	Rainwater	3/22/2012 12:30	Duplex-G-CG	1	12	lb	37.7273	-122.7329
73	DIXON DITCH	Marsh reclaim	3/22/2012 13:30	Vectolex CG	2	25	lb	37.4579	-121.9222
48	MARSICANO PONDS	Marsh tidal	3/23/2012 9:45	Vectobac G	0.5	10	lb	37.6322	-122.1391
41	Seike Temple ditch	Canal	3/23/2012 11:30	Duplex-G-CG	0.03	0.25	lb	37.5835	-121.9996
96	Main Street Ponds	Natural pond	3/23/2012 12:00	Vectolex WSP	0.05	40	ea	37.78444	-122.2913
41	CHERRYWOOD TRACT	Canal	3/23/2012 12:10	Duplex-G-CG	0.03	0.25	lb	37.59042	-122.0073
65	ARROYO DEL VALLE9.6	Creek	3/23/2012 13:45	Natular G30	0.7	7	lb	37.6654	-121.8623
48	GRANT AVE DRAIN	Marsh reclaim	3/26/2012 9:15	Vectobac G	1	20	lb	37.6699	-122.155
73	SOUTH HEATH	Marsh reclaim	3/26/2012 9:30	Duplex-12AS-ALL	5	50	gal	37.5029	-122.0092
90	DURHAM DUMP	Marsh reclaim	3/26/2012 9:30	Duplex-12AS-ALL	6	60	gal	37.4952	-121.9945
96	MAIN STREET DITCH	Ditch	3/26/2012 10:30	Vectobac G	1	10	lb	37.78459	-122.2912
96	MAIN STREET DITCH	Ditch	3/26/2012 11:00	Vectolex CG	1.2	12	lb	37.78459	-122.2912
73	EAST HEATH	Marsh reclaim	3/26/2012 11:00	Duplex-12AS-ALL	5	50	gal	37.5048	-122.0076
48	LEMA GOLF COURSE	Marsh fresh	3/26/2012 11:30	Vectobac G	1	20	lb	37.6851	-122.1791
90	BRINKER MARSH	Marsh reclaim	3/26/2012 12:30	Duplex-12AS-ALL	3	30	gal	37.48814	-121.9922
48	SAN LEANDRO BAY PARK	Marsh tidal	3/26/2012 13:30	Altosid WSP	0.7	250	ea	37.7379	-122.2064
73	WARM SPRINGS AIRPORT	Marsh reclaim	3/26/2012 13:40	Duplex-12AS-ALL	4	40	gal	37.4625	-121.9317

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
90	Hellman Gun Club	Marsh reclaim	3/26/2012 14:00	Duplex-12AS-ALL	1	10	gal	37.4865	-121.99
41	HETCH HETCHY WATER	Ditch	3/28/2012 12:45	Duplex-G-CG	0.5	5	lb	37.55478	-121.9548
79	willow & hickory tmp h2o	Marsh fresh	3/30/2012 9:45	BVA 2	0.05	20	fl oz	37.5172	-122.0481
73	DUMP-WRECKING YARD	Marsh reclaim	3/30/2012 11:00	Vectorex CG	2	20	lb	37.5073	-122.0119
73	MOWRY DUMP-PETERBILT	Marsh tidal	3/30/2012 12:10	Vectorex CG	1	10	lb	37.5075	-122.0162
79	NEWARK G.C. South	Marsh reclaim	4/2/2012 8:15	Vectobac G	1	10	lb	37.5325	-122.0564
73	Hellman Gun Club	Marsh reclaim	4/2/2012 9:24	Duplex-12AS-ALL	1	10	gal	37.4865	-121.99
73	PEERY AGRIC DITCH	Marsh reclaim	4/2/2012 11:31	Duplex-12AS-ALL	1	10	gal	37.4976	-122.0115
65	ARROYO DEL VALLE9.6	Creek	4/2/2012 12:00	Natular G30	0.2	3	lb	37.6654	-121.8623
48	SLBP/66th Marsh	Marsh reclaim	4/2/2012 12:15	Vectobac G	1.5	25	lb	37.7541	-122.2124
73	MOUSE PASTURE	Marsh tidal	4/2/2012 13:00	Duplex-G-CG	2	20	lb	37.4921	-121.9626
48	FRANKS DUMP EAST	Marsh reclaim	4/3/2012 10:15	Duplex-12AS-ALL	10	100	gal	37.6543	-122.1415
65	SOBER LAKE	Natural pond	4/3/2012 10:45	BVA 2	3	10	gal	37.6582	-121.8191
41	ALVARADO CREEK PARK	Creek	4/3/2012 12:00	Altosid XR	0.02	8	ea	37.58859	-122.0461
65	LONESTAR	Natural pond	4/3/2012 12:00	BVA 2	1.5	5	gal	37.66368	-121.8104
41	ALVARADO CREEK PARK	Creek	4/3/2012 12:30	Natular XRT	0.002	1	ea	37.58859	-122.0461
65	VULCAN	Natural pond	4/3/2012 13:15	BVA 2	3	10	gal	37.6735	-121.8121
48	FRANKS DUMP EAST	Marsh reclaim	4/3/2012 13:15	Duplex-12AS-ALL	10	100	gal	37.6543	-122.1415
90	DIXON DITCH	Marsh reclaim	4/4/2012 10:00	Duplex-12AS-ALL	4.5	45	gal	37.4579	-121.9222
48	TROJAN PG&E TOWERS	Marsh tidal	4/4/2012 11:00	Duplex-12AS-ALL	5	50	gal	37.67568	-122.1633
90	DURHAM DUMP	Marsh reclaim	4/4/2012 13:00	BVA 2	0.3	1	gal	37.4952	-121.9945
48	END OF EARHART	Marsh reclaim	4/4/2012 13:30	Duplex-12AS-ALL	5	50	gal	37.7433	-122.2202
90	DURHAM DUMP	Marsh reclaim	4/5/2012 9:30	Duplex-12AS-ALL	6	60	gal	37.4952	-121.9945
41	RUUS RD CANALS	Canal	4/5/2012 9:45	Duplex-G-CG	0.4	4	lb	37.6178	-122.0613
41	ROCHELLE AVE DRAIN	Ditch	4/5/2012 10:55	Vectorex WSP	0.005	2	ea	37.6342	-122.0629
90	BRINKER MARSH	Marsh reclaim	4/5/2012 11:30	Duplex-12AS-ALL	3	30	gal	37.48814	-121.9922
96	NAVAL BASE - South marsh	Marsh tidal	4/5/2012 13:30	GB	0.01	5	fl oz	37.77912	-122.3134
79	PERRY DUCK CLUB	Marsh reclaim	4/6/2012 8:30	Vectobac 1:80	1	10	gal	37.6094	-122.0989
90	BRINKER MARSH	Marsh reclaim	4/6/2012 9:45	BVA 2	1	2	gal	37.48814	-121.9922
48	AIRPORT RUNWAY	Marsh reclaim	4/6/2012 10:00	BVA 2	8	40	gal	37.7079	-122.2237
79	UNION CITY MARSH #1	Marsh reclaim	4/6/2012 11:00	Vectobac 1:80	5	50	gal	37.5777	-122.1079
48	AIRPORT MARSH	Marsh reclaim	4/6/2012 12:00	BVA 2	2	9	gal	37.7199	-122.2268
48	AIRPORT MARSH	Marsh reclaim	4/6/2012 12:15	ALL 1:1280	5	50	gal	37.7199	-122.2268
79	ECOLOGY MARSH	Marsh tidal	4/6/2012 13:00	BVA 2	1	3	gal	37.5732	-122.1169
48	END OF EARHART	Marsh reclaim	4/6/2012 13:30	Duplex-12AS-ALL	5	50	gal	37.7433	-122.2202
79	HILL DUCK CLUB	Marsh reclaim	4/9/2012 8:30	Vectobac 1:80	2	20	gal	37.5743	-122.0839

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
48	TANK FARM	Marsh reclaim	4/9/2012 10:00	BVA 2	10	50	gal	37.7148	-122.2028
79	ALA.CR.-HORSE STABLE	Ditch	4/9/2012 10:30	Vectobac 1:80	3	30	gal	37.56486	-122.0741
65	DOUGHTERY TMP	Rainwater	4/9/2012 10:45	Duplex-G-CG	0.3	4	lb	37.7043	-121.9016
48	TANK FARM	Marsh reclaim	4/9/2012 12:30	BVA 2	10	50	gal	37.7148	-122.2028
65	LONE STAR.4	Natural pond	4/9/2012 14:15	Natular G30	1	13	lb	37.6487	-121.7913
48	TANK FARM	Marsh reclaim	4/10/2012 9:00	BVA 2	10	50	gal	37.7148	-122.2028
79	ALA.CR.-HORSE STABLE	Ditch	4/10/2012 10:00	Vectobac 1:80	3	30	gal	37.56486	-122.0741
39	CULL CANYON PARK	Creek	4/10/2012 10:42	Vectobac G	1	10	lb	37.7095	-122.0556
79	ALA.CR.-HORSE STABLE	Ditch	4/10/2012 10:45	BVA 2	1	3	gal	37.56486	-122.0741
79	COYOTE HILL-FRNT MAR	Marsh reclaim	4/10/2012 12:15	Vectobac 1:80	7	70	gal	37.558	-122.0798
79	SOUTH MARSH - NORTH #4	Marsh reclaim	4/11/2012 11:15	BVA 2	1	3	gal	37.5872	-122.0875
41	Heritage Canal	Canal	4/11/2012 12:00	Duplex-G-CG	0.3	3	lb	37.5567	-121.9972
41	Heritage Canal	Canal	4/11/2012 12:15	BVA 2	0.5	1.5	gal	37.5567	-121.9972
41	TYSON LAGOON	Natural pond	4/11/2012 12:55	Duplex-G-CG	0.6	6	lb	37.55879	-121.9754
79	SOUTH MARSH POND	Marsh reclaim	4/12/2012 8:30	BVA 2	30	100	gal	37.5825	-122.0951
65	Amador Blvd and 680 highway	Ditch	4/12/2012 11:15	Duplex-G-CG	0.5	7	lb	37.7101	-121.9287
79	SOUTH MARSH - NORTH #5	Marsh reclaim	4/12/2012 12:45	BVA 2	0.5	2	gal	37.5881	-122.0905
65	BLUFFS DRIVE	Ditch	4/12/2012 13:00	Duplex-G-CG	0.9	14	lb	37.7274	-121.7141
41	LINE N-by GRESEL ST	Canal	4/12/2012 13:15	Duplex-G-CG	0.5	4.5	lb	37.61721	-122.0432
65	BLUFFS DRIVE	Ditch	4/12/2012 13:45	Vectobac G	0.5	7	lb	37.7274	-121.7141
65	BLUFFS DRIVE	Ditch	4/12/2012 14:15	Altosid WSP	0.05	30	ea	37.7274	-121.7141
90	stevenson industrial & RR tracks	Natural pond	4/13/2012 12:30	Vectobac G	2.5	25	lb	37.5058	-121.998
79	ALAMEDA CREEK	Marsh reclaim	4/16/2012 8:15	BVA 2	0.5	2	gal	37.5711	-122.1238
79	ALAMEDA CREEK MARSH	Marsh reclaim	4/16/2012 9:30	BVA 2	0.1	30	fl oz	37.5655	-122.1065
79	willow & hickory tmp h2o	Marsh fresh	4/16/2012 11:00	BVA 2	0.05	20	fl oz	37.5172	-122.0481
73	Parkmeadow pond - Arroyo Agua Ca	Natural pond	4/16/2012 11:30	Vectobac G	2	15	lb	37.5098	-121.9313
73	Parkmeadow pond - Arroyo Agua Ca	Natural pond	4/16/2012 12:00	Vectolex CG	2	15	lb	37.5098	-121.9313
65	ARROYO DEL VALLE9.6	Creek	4/16/2012 13:00	Altosid Pellets	1	6	lb	37.6654	-121.8623
65	W.P. SUMP.3	Natural pond	4/16/2012 14:00	Altosid Brq	0.1	60	ea	37.6325	-121.8847
65	PLEAS.-SUNOL DITCH	Ditch	4/16/2012 14:30	Altosid Pellets	0.2	1	lb	37.613	-121.8767
39	MARSICANO PONDS	Marsh tidal	4/17/2012 8:30	Vectobac G	8	45	lb	37.6322	-122.1391
79	willow & hickory tmp h2o	Marsh fresh	4/17/2012 9:00	Vectobac 1:80	2	20	gal	37.5172	-122.0481
79	SOUTH MARSH - NORTH #4	Marsh reclaim	4/17/2012 11:30	Vectobac 1:80	3	30	gal	37.5872	-122.0875
41	WALKER, PAT	Seepage	4/17/2012 12:00	Duplex-G-CG	0.9	9	lb	37.69117	-122.0346
65	AMADOR APTS CREEKLET	Creek	4/17/2012 12:00	Duplex-G-CG	1	11	lb	37.7284	-121.9115
41	WALKER, PAT	Seepage	4/17/2012 12:30	Natular G30	0.4	2	lb	37.69117	-122.0346

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
79	SOUTH MARSH POND	Marsh reclaim	4/17/2012 12:30	Vectobac 1:80	5	50	gal	37.5825	-122.0951
41	5 canyons area creeks,ditches,pond	Creek	4/17/2012 14:00	Duplex-G-CG	0.5	4.5	lb	37.6771	-122.0334
65	SPRINGTOWN	Rainwater	4/17/2012 14:45	Duplex-G-CG	0.5	8	lb	37.7251	-121.7479
90	STOCKPOND	Natural pond	4/18/2012 13:30	Vectobac G	1	10	lb	37.7385	-121.6707
79	HILL DUCK CLUB	Marsh reclaim	4/19/2012 8:15	BVA 2	10	48	gal	37.5743	-122.0839
48	MARSICANO MARSH	Marsh reclaim	4/19/2012 9:15	BVA 2	7	32	gal	37.62614	-122.1317
79	UNION CITY MARSH #1	Marsh reclaim	4/19/2012 10:30	BVA 2	10	48	gal	37.5777	-122.1079
48	ALAMEDA GOLF COURSE	Canal	4/19/2012 11:45	Duplex-12AS-ALL	5	50	gal	37.73961	-122.238
79	UNION CITY MARSH #1	Marsh reclaim	4/19/2012 12:30	Vectobac 1:80	5	50	gal	37.5777	-122.1079
90	SPRINGTOWN	Rainwater	4/19/2012 12:45	Vectobac G	1	10	lb	37.7251	-121.7479
79	ALA.CR.-HORSE STABLE	Ditch	4/20/2012 9:00	BVA 2	10	46	gal	37.56486	-122.0741
73	EAST HEATH	Marsh reclaim	4/20/2012 11:30	Vectobac G	1	5	lb	37.5048	-122.0076
90	SPRINGTOWN	Rainwater	4/20/2012 11:30	Vectobac G	1.6	16	lb	37.7251	-121.7479
79	COYOTE HILL-FRNT MAR	Marsh reclaim	4/20/2012 11:45	BVA 2	2	6	gal	37.558	-122.0798
73	EAST HEATH	Marsh reclaim	4/20/2012 12:00	Vectolex CG	1	5	lb	37.5048	-122.0076
73	CENTRAL HEATH	Marsh reclaim	4/20/2012 12:30	Duplex-G-CG	2	10	lb	37.50268	122.0139
96	Main Street Ponds	Natural pond	4/23/2012 11:30	Vectolex CG	1	12	lb	37.78444	-122.2913
73	stevenson industrial & RR tracks	Natural pond	4/23/2012 14:05	Vectobac G	2000	1	lb	37.5058	-121.998
41	SCOTTS LAGOON	Marsh fresh	4/25/2012 11:00	Duplex-G-CG	0.9	9	lb	37.5563	-121.9738
96	NAVAL BASE - South marsh	Marsh tidal	4/26/2012 10:30	Altosid Pellets	3	17.5	lb	37.77912	-122.3134
41	MAYHEW RD FLOOD POND	Rainwater	4/26/2012 11:40	Vectolex CG	0.3	2.5	lb	37.58293	-122.0058
41	CHERRYWOOD TRACT	Canal	4/26/2012 13:50	Vectolex WSP	0.002	5	ea	37.59042	-122.0073
48	SOUTH TROJAN	Marsh reclaim	4/27/2012 11:00	Vectobac G	0.5	10	lb	37.6729	-122.1554
41	STIVERS LAGOON AREA	Natural pond	4/27/2012 13:10	BVA 2	0.2	0.5	gal	37.5445	-121.9577
65	GOLD CREEK	Creek	4/30/2012 12:15	Altosid Pellets	0.2	1	lb	37.6872	-121.932
65	GOLD CREEK	Creek	4/30/2012 12:20	BVA 2	0.05	20	fl oz	37.6872	-121.932
48	47TH FLOOD CONTROL CANAL	Canal	4/30/2012 12:30	Altosid Brq	0.1	58	ea	37.7679	-122.2168
41	Garin Park Creek	Creek	4/30/2012 13:30	Altosid Pellets	0.8	8	lb	37.62696	-122.0285
73	SO.PACIFIC RAILROAD	Canal	4/30/2012 13:40	Vectobac G	4000	1	lb	37.5156	-121.9446
73	SOUTH HEATH	Marsh reclaim	5/1/2012 9:25	BVA 2	3	10	gal	37.5029	-122.0092
73	EAST HEATH	Marsh reclaim	5/1/2012 10:20	BVA 2	3	10	gal	37.5048	-122.0076
73	stevenson industrial & RR tracks	Natural pond	5/1/2012 11:30	BVA 2	3	10	gal	37.5058	-121.998
48	NAVAL BASE - West marsh	Marsh reclaim	5/1/2012 11:30	Altosid Pellets	3.5	34	lb	37.7861	-122.3306
73	PEERY AGRIC DITCH	Marsh reclaim	5/1/2012 12:10	BVA 2	1	3	gal	37.4976	-122.0115
73	DIXON DITCH	Marsh reclaim	5/1/2012 13:50	BVA 2	3	10	gal	37.4579	-121.9222
39	WEST WINTON DRAIN	Marsh reclaim	5/3/2012 9:50	Duplex-G-CG	1	5	lb	37.6484	-122.1452

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
96	NAVAL BASE - West marsh	Marsh reclaim	5/3/2012 10:00	Altosid Pellets	5.4	54	lb	37.7861	-122.3306
39	WEST WINTON DRAIN	Marsh reclaim	5/3/2012 10:25	BVA 2	0.002	4	fl oz	37.6484	-122.1452
96	NAVAL BASE - West marsh	Marsh reclaim	5/3/2012 11:00	Altosid XR	0.1	45	ea	37.7861	-122.3306
41	ROCHELLE AVE DRAIN	Ditch	5/3/2012 12:30	BVA 2	3	12	gal	37.6342	-122.0629
65	CAMP PARKS & S.P.R.R	Rainwater	5/4/2012 11:00	Duplex-G-CG	0.5	6	lb	37.7171	-121.9169
73	WARM SPRINGS AIRPORT	Marsh reclaim	5/4/2012 13:20	Vectobac G	2000	1	lb	37.4625	-121.9317
65	PLEASANTON CANAL	Canal	5/7/2012 10:15	Duplex-G-CG	0.5	9	lb	37.6788	-121.8935
65	BERNAL CANAL (B22)	Canal	5/7/2012 13:15	BVA 2	0.3	1	gal	37.6549	-121.8858
65	BERNAL CANAL (B22)	Canal	5/7/2012 13:30	Duplex-G-CG	0.5	9	lb	37.6549	-121.8858
39	END OF EARHART	Marsh reclaim	5/8/2012 7:45	Duplex-12AS-ALL	5	50	gal	37.7433	-122.2202
39	END OF EARHART	Marsh reclaim	5/8/2012 9:40	Vectobac G	1.5	10	lb	37.7433	-122.2202
48	Marina High School	Marsh reclaim	5/8/2012 13:30	Vectobac G	1	15	lb	37.69151	-122.163
41	ALVARADO CREEK PARK	Creek	5/9/2012 11:40	BVA 2	2	6	gal	37.58859	-122.0461
73	PINTAIL Marsh - SOUTH	Marsh tidal	5/10/2012 9:32	Vectobac G	4	40	lb	37.4686	-122.0145
39	FRANKS DUMP EAST	Marsh reclaim	5/10/2012 9:45	Duplex-12AS-ALL	10	100	gal	37.6543	-122.1415
41	ALVARADO CREEK PARK	Creek	5/10/2012 10:55	BVA 2	0.7	2	gal	37.58859	-122.0461
73	ALBRAE Marsh	Marsh tidal	5/10/2012 11:00	Vectobac G	2	10	lb	37.485	121.995
41	ALVARADO CREEK PARK	Creek	5/10/2012 11:20	Natular XRT	0.02	8	ea	37.58859	-122.0461
65	DALTON POND	Rainwater	5/10/2012 12:15	Duplex-G-CG	0.6	8	lb	37.7273	-122.7329
73	PINTAIL Marsh - NORTH	Marsh tidal	5/10/2012 12:40	Vectobac G	3	15	lb	37.4928	-122.0081
39	FRANKS DUMP WEST	Marsh reclaim	5/10/2012 13:00	Duplex-12AS-ALL	2.5	25	gal	37.6554	-122.1535
39	Franks Dump South	Marsh reclaim	5/10/2012 14:00	Duplex-12AS-ALL	2	20	gal	37.6493	-122.151
65	SINBAD CREEK	Creek	5/10/2012 14:30	Altosid Pellets	0.4	2	lb	37.61108	-121.8987
39	WEST WINTON DRAIN	Marsh reclaim	5/10/2012 14:40	Duplex-12AS-ALL	1	5	gal	37.6484	-122.1452
39	MARSICANO SALTMARSH	Marsh tidal	5/11/2012 9:30	Vectobac G	1	3.5	lb	37.6298	-122.1511
73	MOWRY SLOUGH TIDAL	Marsh reclaim	5/11/2012 9:30	Vectobac G	2	10	lb	37.50252	122.0142
48	ORO LOMA RAINWATER	Marsh reclaim	5/11/2012 10:15	Vectobac G	0.3	5	lb	37.6615	-122.1464
73	Mowry Slough West	Marsh tidal	5/11/2012 10:30	Vectobac G	2	10	lb	37.4996	-122.0135
73	MOWRY SLOUGH - fws	Marsh tidal	5/11/2012 11:30	Altosid Pellets	2	10	lb	37.501	-122.0608
79	NEWARK LAKE	Natural pond	5/14/2012 12:30	Altosid XR	0.03	12	ea	37.5567	-122.0367
65	CA HIGHLANDS DITCH	Ditch	5/15/2012 10:30	Natular XRT	0.01	4	ea	37.7011	-121.9575
65	CA HIGHLANDS DITCH	Ditch	5/15/2012 10:35	Duplex-G-CG	0.2	3	lb	37.7011	-121.9575
65	GOLD CREEK	Creek	5/15/2012 11:45	Duplex-G-CG	1.2	18	lb	37.6872	-121.932
41	Heritage Canal	Canal	5/15/2012 12:25	Duplex-G-CG	0.2	2	lb	37.5567	-121.9972
41	TYSON LAGOON	Natural pond	5/15/2012 13:25	Duplex-G-CG	0.7	7	lb	37.55879	-121.9754
39	END OF EARHART	Marsh reclaim	5/16/2012 12:45	Vectobac G	5	25	lb	37.7433	-122.2202

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
73	DIXON DITCH	Marsh reclaim	5/16/2012 13:25	Vectobac G	20000	3	lb	37.4579	-121.9222
41	HETCH HETCHY WATER	Ditch	5/17/2012 11:40	Vectolex WSP	0.01	9	ea	37.55478	-121.9548
65	ARROYO SECO.2	Canal	5/18/2012 14:45	Natular XRT	0.05	21	ea	37.7016	-121.7424
65	ARROYO SECO.2	Canal	5/18/2012 15:00	Altosid Pellets	0.4	3	lb	37.7016	-121.7424
79	BLACOW DRAIN	Canal	5/21/2012 9:15	BVA 2	0.01	6	fl oz	37.5441	-122.0185
41	LINE N-by GRESEL ST	Canal	5/22/2012 14:15	Duplex-G-CG	0.2	2	lb	37.61721	-122.0432
65	HAPPY VALLEY CREEK	Creek	5/24/2012 10:30	Vectobac G	0.4	4	lb	37.6341	-121.8746
65	ALISAL ST DITCH	Ditch	5/24/2012 11:00	Duplex-G-CG	1.5	16	lb	37.6328	-121.8695
48	HOHENER SLAUGHTER	Rainwater	5/24/2012 11:30	Vectobac G	0.5	10	lb	37.71367	-122.1923
41	ALVARADO CREEK PARK	Creek	5/24/2012 12:50	Natular XRT	0.1	52	ea	37.58859	-122.0461
41	ALVARADO CREEK PARK	Creek	5/24/2012 13:05	BVA 2	0.3	1	gal	37.58859	-122.0461
65	MOBILEHOME POND	Creek	5/24/2012 13:30	Vectobac G	1.8	18	lb	37.66899	-121.8467
65	ALAMO CANAL	Canal	5/25/2012 12:00	Natular XRT	0.04	16	ea	37.7086	-121.9568
65	ALAMO CANAL	Canal	5/25/2012 12:15	Natular G30	1	12	lb	37.7086	-121.9568
90	WILDWOOD CREEK	Creek	5/29/2012 10:15	Vectobac G	0.1	1	lb	37.8187	-122.2311
39	TANK FARM	Marsh reclaim	5/30/2012 12:40	Duplex-G-CG	1.5	25	lb	37.7148	-122.2028
41	CHERRYWOOD TRACT	Canal	5/30/2012 14:20	BVA 2	0.002	1	fl oz	37.59042	-122.0073
41	CHERRYWOOD TRACT	Canal	5/30/2012 14:25	Natular XRT	0.002	1	ea	37.59042	-122.0073
41	Harder Rd canal	Canal	6/1/2012 14:30	BVA 2	0.2	0.5	gal	37.6492	-122.0797
41	Harder Rd canal	Canal	6/1/2012 14:45	Natular XRT	0.02	10	ea	37.6492	-122.0797
73	PINTAIL Marsh - NORTH	Marsh tidal	6/4/2012 10:13	Vectobac G	2	15	lb	37.4928	-122.0081
73	Mowry Slough West	Marsh tidal	6/4/2012 13:40	Vectobac G	5	25	lb	37.4996	-122.0135
65	SINBAD CREEK	Creek	6/5/2012 11:00	Natular G30	0.2	3	lb	37.61108	-121.8987
79	ECOLOGY MARSH	Marsh tidal	6/7/2012 10:00	Altosid Pellets	3	10	lb	37.5732	-122.1169
79	ALAMEDA CREEK	Marsh reclaim	6/7/2012 11:00	Altosid Pellets	2	5	lb	37.5711	-122.1238
73	PINTAIL Marsh - SOUTH	Marsh tidal	6/7/2012 11:20	Vectobac G	4	20	lb	37.4686	-122.0145
79	ALAMEDA CREEK MARSH	Marsh reclaim	6/7/2012 12:15	Altosid Pellets	2	5	lb	37.5655	-122.1065
79	HETCH HETCHY Marsh	Marsh tidal	6/7/2012 13:00	Altosid Pellets	1	2	lb	37.5159	-122.0811
73	PINTAIL Marsh - SOUTH	Marsh tidal	6/7/2012 13:10	Altosid Pellets	5	25	lb	37.4686	-122.0145
65	ARROYO DEL VALLE9.6	Creek	6/7/2012 13:15	Vectobac G	2	24	lb	37.6654	-121.8623
73	MOWRY SLOUGH - fws	Marsh tidal	6/8/2012 9:30	Vectobac G	4	20	lb	37.501	-122.0608
39	TROJAN AIRFIELD	Marsh reclaim	6/8/2012 9:50	Vectobac G	1	8	lb	37.6792	-122.1629
96	NAVAL BASE - South marsh	Marsh tidal	6/8/2012 10:00	BVA 2	5	3	gal	37.77912	-122.3134
73	PINTAIL Marsh - SOUTH	Marsh tidal	6/8/2012 12:00	Vectobac G	5	20	lb	37.4686	-122.0145
73	PINTAIL Marsh - NORTH	Marsh tidal	6/8/2012 13:00	Vectobac G	8	40	lb	37.4928	-122.0081
39	SHANNON CREEK	Creek	6/11/2012 9:59	Natular XRT	0.03	10	ea	37.7179	-121.9464

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
39	SHANNON CREEK	Creek	6/11/2012 10:13	Duplex-G-CG	0.02	7	dry oz	37.7179	-121.9464
39	SHANNON CREEK	Creek	6/11/2012 10:17	Natular XRT	0.002	1	ea	37.7179	-121.9464
41	WYETH ST DRAIN	Canal	6/11/2012 14:20	BVA 2	0.001	0.5	fl oz	37.6511	-122.0731
41	WYETH ST DRAIN	Canal	6/11/2012 14:25	Natular XRT	0.002	1	ea	37.6511	-122.0731
39	Franks Dump South	Marsh reclaim	6/13/2012 14:40	Duplex-G-CG	1	6	lb	37.6493	-122.151
39	ALAMEDA GOLF COURSE	Canal	6/14/2012 10:50	Duplex-G-CG	1	8	lb	37.73961	-122.238
41	ELLSWORTH TRACT	Marsh reclaim	6/19/2012 11:55	BVA 2	0.003	2	fl oz	37.5722	-121.9666
41	ELLSWORTH TRACT	Marsh reclaim	6/19/2012 12:00	Natular XRT	0.01	3	ea	37.5722	-121.9666
39	JUNIPER DRAIN	Canal	6/20/2012 13:40	Vectorex WSP	0.03	30	ea	37.6927	-122.1601
39	JUNIPER DRAIN	Canal	6/20/2012 14:10	Natular XRT	0.03	15	ea	37.6927	-122.1601
73	MOUSE PASTURE	Marsh tidal	6/21/2012 10:10	Altosid Pellets	1	5	lb	37.4921	-121.9626
79	BLACOW DRAIN	Canal	6/22/2012 9:30	BVA 2	0.01	4	fl oz	37.5441	-122.0185
79	GLENMOOR DRAIN	Canal	6/25/2012 9:00	BVA 2	0.02	7	fl oz	37.5347	-122.0106
39	SKYWEST GOLF COURSE	Ditch	6/25/2012 10:25	Duplex-G-CG	1	6	lb	37.6648	-122.1452
39	SKYWEST GOLF COURSE	Ditch	6/25/2012 10:45	BVA 2	0.7	2.5	gal	37.6648	-122.1452
39	SKYWEST GOLF COURSE	Ditch	6/25/2012 11:15	Natular XRT	0.1	65	ea	37.6648	-122.1452
73	MOUSE PASTURE	Marsh tidal	6/25/2012 11:20	Vectobac G	10000	2	lb	37.4921	-121.9626
73	PINTAIL Marsh - NORTH	Marsh tidal	6/25/2012 12:32	Altosid Pellets	1	4	lb	37.4928	-122.0081
41	SULPHUR CRK-PARK	Creek	6/25/2012 14:00	Natular XRT	0.1	26	ea	37.6762	-122.0681
65	ARROYO DEL VALLE9.6	Creek	6/25/2012 14:00	Natular G30	0.2	3	lb	37.6654	-121.8623
39	Bay trees tennis	Creek	6/25/2012 14:15	Natular XRT	0.02	10	ea	37.7024	-122.0551
41	LINE N-by GRESEL ST	Canal	6/26/2012 10:25	Duplex-G-CG	0.05	0.5	lb	37.61721	-122.0432
41	TYSON LAGOON	Natural pond	6/26/2012 12:00	Duplex-G-CG	0.6	6	lb	37.55879	-121.9754
41	HETCH HETCHY WATER	Ditch	6/26/2012 12:50	Duplex-G-CG	0.3	3	lb	37.55478	-121.9548
65	ARROYO DEL VALLE9.8	Creek	6/26/2012 13:15	Natular XRT	0.01	5	ea	37.6649	-121.8736
39	ALAMEDA GOLF COURSE	Canal	6/27/2012 10:00	Vectorex CG	5	32	lb	37.73961	-122.238
65	SHANNON CREEK	Creek	6/27/2012 10:30	Natular XRT	0.04	17	ea	37.7179	-121.9464
65	SHANNON CREEK	Creek	6/27/2012 10:45	BVA 2	0.05	20	fl oz	37.7179	-121.9464
39	ORO LOMA RAINWATER	Marsh reclaim	6/28/2012 7:50	Altosid Pellets	2.5	10	lb	37.6615	-122.1464
39	TROJAN AIRFIELD	Marsh reclaim	6/28/2012 10:15	Altosid Pellets	1	4	lb	37.6792	-122.1629
73	Mowry Slough West	Marsh tidal	6/28/2012 11:00	Altosid Pellets	2	11	lb	37.4996	-122.0135
41	ALVARADO CREEK PARK	Creek	6/28/2012 11:10	BVA 2	0.002	10	fl oz	37.58859	-122.0461
41	ALVARADO CREEK PARK	Creek	6/28/2012 11:30	Altosid XR	0.01	10	ea	37.58859	-122.0461
39	TROJAN PG&E TOWERS	Marsh tidal	6/28/2012 11:30	Altosid Pellets	2.5	10	lb	37.67568	-122.1633
73	MOWRY SLOUGH - fws	Marsh tidal	6/28/2012 12:00	Altosid Pellets	2	11	lb	37.501	-122.0608
39	TROJAN PG&E TOWERS	Marsh tidal	6/28/2012 13:20	Altosid Pellets	1	4	lb	37.67568	-122.1633

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
39	MARSICANO SALTMARSH	Marsh tidal	6/28/2012 14:15	Altosid Pellets	2	8	lb	37.6298	-122.1511
65	LAS POSITAS GOLF	Natural pond	6/28/2012 15:00	Natular XRT	0.03	14	ea	37.6989	-121.8224
65	LAS POSITAS GOLF	Natural pond	6/28/2012 15:15	Natular G30	0.1	1	lb	37.6989	-121.8224
41	SULPHUR CRK-HANSEN	Creek	6/29/2012 13:00	Natular XRT	0.1	60	ea	37.6766	-122.0635
41	SULPHUR CRK-HANSEN	Creek	6/29/2012 13:20	Altosid XR	0.1	25	ea	37.6766	-122.0635
41	SULPHUR CRK-HANSEN	Creek	6/29/2012 13:40	Altosid Brq	0.01	50	ea	37.6766	-122.0635
39	GALBRAITH GOLF COURS	Ditch	7/2/2012 11:15	BVA 2	0.3	1	gal	37.723	-122.1991
39	GALBRAITH GOLF COURS	Ditch	7/2/2012 11:40	Natular XRT	0.1	35	ea	37.723	-122.1991
39	ORO LOMA RAINWATER	Marsh reclaim	7/3/2012 9:40	Altosid Pellets	2	8	lb	37.6615	-122.1464
39	ORO LOMA RAINWATER	Marsh reclaim	7/3/2012 10:30	Vectobac G	1.5	8	lb	37.6615	-122.1464
39	Oro Loma Ditch EAST	Ditch	7/3/2012 12:10	Duplex-G-CG	0.5	4	lb	37.6618	-122.1425
48	Mowry Slough West	Marsh tidal	7/5/2012 9:00	Altosid Pellets	2.5	22	lb	37.4996	-122.0135
90	MOWRY SLOUGH - fws	Marsh tidal	7/5/2012 9:15	Vectobac G	8	80	lb	37.501	-122.0608
48	Mowry Slough West	Marsh tidal	7/5/2012 10:30	Vectobac G	4	80	lb	37.4996	-122.0135
39	SKYWEST GOLF COURSE	Ditch	7/5/2012 13:15	BVA 2	0.1	32	fl oz	37.6648	-122.1452
48	MOWRY SLOUGH TIDAL	Marsh reclaim	7/5/2012 13:45	Vectobac G	3	60	lb	37.50252	122.0142
48	MOWRY SLOUGH TIDAL	Marsh reclaim	7/6/2012 8:30	Vectobac G	1.5	30	lb	37.50252	122.0142
48	PINTAIL Marsh - NORTH	Marsh tidal	7/6/2012 10:00	Altosid Pellets	2.5	22	lb	37.4928	-122.0081
48	PINTAIL Marsh - NORTH	Marsh tidal	7/6/2012 11:30	Vectobac G	6	120	lb	37.4928	-122.0081
90	ALBRAE Marsh	Marsh tidal	7/9/2012 9:00	Altosid Pellets	0.5	4	lb	37.485	121.995
90	ALBRAE Marsh	Marsh tidal	7/9/2012 10:30	Vectobac G	3	30	lb	37.485	121.995
90	PINTAIL Marsh - SOUTH	Marsh tidal	7/9/2012 12:45	Altosid Pellets	2.25	18	lb	37.4686	-122.0145
96	NAVAL BASE - West marsh	Marsh reclaim	7/9/2012 14:00	Vectobac G	1	10	lb	37.7861	-122.3306
90	PINTAIL Marsh - SOUTH	Marsh tidal	7/10/2012 11:30	Altosid Pellets	2.5	22	lb	37.4686	-122.0145
90	PINTAIL Marsh - SOUTH	Marsh tidal	7/10/2012 14:00	BVA 2	1	4	gal	37.4686	-122.0145
65	BERNAL CANAL (B22)	Canal	7/11/2012 15:00	Natular G30	0.05	0.5	lb	37.6549	-121.8858
65	BERNAL CANAL (B22)	Canal	7/11/2012 15:15	BVA 2	1	3	gal	37.6549	-121.8858
65	ARROYO MOCHO.5	Creek	7/12/2012 12:00	Vectolex CG	0.1	1	lb	37.6745	-121.7822
65	ARROYO MOCHO.5	Creek	7/12/2012 12:05	Natular XRT	0.02	7	ea	37.6745	-121.7822
65	ARROYO MOCHO.5	Creek	7/12/2012 12:10	Altosid Brq	0.01	5	ea	37.6745	-121.7822
65	DONLON CREEK	Creek	7/12/2012 14:30	Vectolex CG	0.3	3	lb	37.7066	-121.9516
65	DONLON CREEK	Creek	7/12/2012 15:00	FourStar 180 Bs	0.02	15	ea	37.7066	-121.9516
65	ARROYO SECO.2	Canal	7/13/2012 9:45	Vectolex CG	0.2	2	lb	37.7016	-121.7424
65	ARROYO SECO.2	Canal	7/13/2012 10:00	Natular G30	0.1	1	lb	37.7016	-121.7424
90	Sausal creek@Dimond Pk.	Creek	7/16/2012 9:30	Vectobac G	0.2	2	lb	37.8066	-122.2156
79	UPPER GLENMOOR DITCH	Canal	7/16/2012 10:15	BVA 2	0.1	30	fl oz	37.5495	-121.9989

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
39	SAN LEANDRO CREEK 4	Creek	7/16/2012 10:45	Natular XRT	0.005	2	ea	37.7285	-122.1528
65	VINEYARD CREEK	Creek	7/16/2012 12:15	Natular XRT	0.02	7	ea	37.658	-121.8531
39	SKYWEST GOLF COURSE	Ditch	7/16/2012 13:00	BVA 2	1	5	gal	37.6648	-122.1452
39	SKYWEST GOLF COURSE	Ditch	7/16/2012 14:39	Altosid Pellets	1.2	10	lb	37.6648	-122.1452
41	RUUS RD CANALS	Canal	7/17/2012 11:00	Altosid Pellets	0.3	3	lb	37.6178	-122.0613
41	RUUS RD CANALS	Canal	7/17/2012 11:20	BVA 2	0.1	0.25	gal	37.6178	-122.0613
39	ALAMEDA GOLF COURSE	Canal	7/17/2012 12:30	Duplex-G-CG	2	25	lb	37.73961	-122.238
65	ALAMO CANAL	Canal	7/18/2012 10:25	Altosid Pellets	0.01	5	dry oz	37.7086	-121.9568
65	MOBILEHOME POND	Creek	7/19/2012 9:00	Vectobac G	3	30	lb	37.66899	-121.8467
48	SAN LORENZO CREEK	Canal	7/19/2012 10:30	Vectolex WSP	0.03	22	ea	37.6846	-122.1391
41	Garin Park Creek	Creek	7/19/2012 13:00	BVA 2	0.05	32	fl oz	37.62696	-122.0285
41	Garin Park Creek	Creek	7/19/2012 13:15	Altosid Brq	0.05	20	ea	37.62696	-122.0285
41	Garin Park Creek	Creek	7/19/2012 13:30	Vectolex WSP	0.01	20	ea	37.62696	-122.0285
41	Garin Park Creek	Creek	7/19/2012 13:45	Altosid XR	0.01	6	ea	37.62696	-122.0285
41	Garin Park Creek	Creek	7/19/2012 13:55	Natular XRT	0.01	6	ea	37.62696	-122.0285
41	Garin Park Creek	Creek	7/19/2012 14:05	Altosid Pellets	0.4	4	lb	37.62696	-122.0285
39	SKYWEST GOLF COURSE	Ditch	7/23/2012 10:30	Vectolex CG	1.5	30	lb	37.6648	-122.1452
96	CORDORNICE CREEK	Creek	7/23/2012 11:45	Vectobac G	0.2	1	lb	37.8859	-122.2615
96	CORDORNICE CREEK	Creek	7/23/2012 12:00	Vectolex CG	0.2	1	lb	37.8859	-122.2615
65	EL CAMINITO CANAL	Canal	7/23/2012 13:30	Natular G30	0.3	5	lb	37.7375	-121.7471
39	Oro Loma Ditch EAST	Ditch	7/23/2012 14:45	BVA 2	0.8	2	gal	37.6618	-122.1425
41	KELLY CREEK-TOP	Creek	7/24/2012 13:45	Altosid XR	0.02	17	ea	37.6852	-122.0555
41	KELLY CREEK-TOP	Creek	7/24/2012 14:05	BVA 2	0.02	16	fl oz	37.6852	-122.0555
65	AMADOR LAKES APT	Natural pond	7/24/2012 15:00	Vectobac G	0.1	1	lb	37.7028	-121.9363
41	HETCH HETCHY WATER	Ditch	7/25/2012 11:15	Duplex-G-CG	0.4	4	lb	37.55478	-121.9548
41	HETCH HETCHY WATER	Ditch	7/25/2012 11:45	Natular G30	0.3	2.5	lb	37.55478	-121.9548
39	JUNIPER DRAIN	Canal	7/25/2012 13:45	Vectolex CG	6	30	lb	37.6927	-122.1601
65	LAS POSITAS GOLF	Natural pond	7/26/2012 12:15	Natular G30	0.5	7	lb	37.6989	-121.8224
41	SULPHUR CK-SUNNYBANK	Creek	7/26/2012 13:00	Natular XRT	0.1	37	ea	37.6778	-122.0541
65	LAS POSITAS BMP	Marsh fresh	7/26/2012 13:15	Altosid Pellets	0.3	4	lb	37.70772	-121.8049
41	SULPHUR CK-SUNNYBANK	Creek	7/27/2012 12:50	BVA 2	0.01	5	fl oz	37.6778	-122.0541
41	SULPHUR CK-SUNNYBANK	Creek	7/27/2012 12:55	Natular XRT	0.02	15	ea	37.6778	-122.0541
41	SULPHUR CRK-HANSEN	Creek	7/27/2012 13:35	Natular XRT	0.01	10	ea	37.6766	-122.0635
65	MOLLER RANCH POND	Natural pond	7/30/2012 10:30	Natular G30	1	15	lb	37.6848	-121.9307
65	LONE STAR.4	Natural pond	7/30/2012 14:45	Vectobac G	0.2	2	lb	37.6487	-121.7913
39	ALAMEDA GOLF COURSE	Canal	7/31/2012 8:40	BVA 2	2	10	gal	37.73961	-122.238

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
65	Northfront Creek	Creek	7/31/2012 9:30	Vectorex CG	0.1	1	lb	37.7127	-121.7208
65	Northfront Creek	Creek	7/31/2012 9:45	Altosid WSP	0.02	8	ea	37.7127	-121.7208
39	ALAMEDA GOLF COURSE	Canal	7/31/2012 10:00	Vectorex CG	2	15	lb	37.73961	-122.238
79	GLENMOOR DRAIN	Canal	8/1/2012 11:30	BVA 2	0.1	30	fl oz	37.5347	-122.0106
65	ARROYO DEL VALLE9.6	Creek	8/1/2012 12:45	Duplex-G-CG	0.4	5	lb	37.6654	-121.8623
73	PINTAIL Marsh - SOUTH	Marsh tidal	8/2/2012 9:00	Vectobac G	6	30	lb	37.4686	-122.0145
73	PINTAIL Marsh - SOUTH	Marsh tidal	8/2/2012 11:00	Vectobac G	2	10	lb	37.4686	-122.0145
41	CENTRAL PARK RR Ditch	Creek	8/2/2012 11:55	Duplex-G-CG	0.1	1	lb	37.5517	-122.9577
65	CA HIGHLANDS DITCH	Ditch	8/2/2012 12:00	Duplex-G-CG	0.4	4.5	lb	37.7011	-121.9575
90	Monterey Creek	Creek	8/2/2012 13:15	Vectobac G	0.7	7	lb	37.80751	-122.1946
65	ALAMO CANAL	Canal	8/2/2012 13:45	Duplex-G-CG	0.4	4.5	lb	37.7086	-121.9568
39	CHANNEL ST DRAIN	Canal	8/2/2012 14:00	Vectorex WSP	0.1	50	ea	37.6704	-122.1501
39	Oro Loma Ditch EAST	Ditch	8/2/2012 14:30	Vectorex WSP	0.03	30	ea	37.6618	-122.1425
73	MOUSE PASTURE	Marsh tidal	8/3/2012 10:32	Vectobac G	2	10	lb	37.4921	-121.9626
41	S LORENZO CRK-'A' ST	Canal	8/6/2012 9:50	BVA 2	10	30	gal	37.6842	-122.1097
41	S LORENZO CRK-'A' ST	Canal	8/6/2012 11:00	Natular XRT	0.1	100	ea	37.6842	-122.1097
41	S LORENZO CRK-'A' ST	Canal	8/6/2012 11:45	Altosid Brq	0.05	100	ea	37.6842	-122.1097
39	SAN LORENZO CREEK	Canal	8/6/2012 12:30	BVA 2	3	10	gal	37.6846	-122.1391
39	SAN LORENZO CREEK	Canal	8/6/2012 12:50	Altosid Brq	0.1	50	ea	37.6846	-122.1391
39	SAN LORENZO CREEK	Canal	8/6/2012 13:10	Vectorex WSP	0.1	60	ea	37.6846	-122.1391
65	ARROYO MOCHO.6	Creek	8/6/2012 13:30	Natular XRT	0.01	4	ea	37.6809	-121.7912
65	ARROYO MOCHO.6	Creek	8/6/2012 13:35	Altosid Brq	0.01	3	ea	37.6809	-121.7912
65	ARROYO MOCHO.6	Creek	8/6/2012 13:40	BVA 2	0.005	3	fl oz	37.6809	-121.7912
41	S LORENZO CRK-'A' ST	Canal	8/7/2012 10:20	Natular XRT	0.01	4	ea	37.6842	-122.1097
39	SKYWEST GOLF COURSE	Ditch	8/7/2012 11:50	Vectorex CG	1.5	25	lb	37.6648	-122.1452
41	Seike Temple ditch	Canal	8/7/2012 12:35	Duplex-G-CG	0.2	2	lb	37.5835	-121.9996
41	CHERRYWOOD TRACT	Canal	8/7/2012 14:00	Duplex-G-CG	0.2	2	lb	37.59042	-122.0073
39	SKYWEST GOLF COURSE	Ditch	8/7/2012 14:00	Duplex-G-CG	0.3	5	lb	37.6648	-122.1452
90	Monterey Creek	Creek	8/8/2012 11:15	Vectobac G	0.2	2	lb	37.80751	-122.1946
39	A-LINE canal	Canal	8/10/2012 11:30	Vectorex WSP	0.02	21	ea	37.6889	-122.1618
41	Bobwhite marsh	Marsh fresh	8/10/2012 11:40	Natular XRT	0.01	3	ea	37.5825	-122.0487
39	ALAMEDA GOLF COURSE	Canal	8/13/2012 10:20	Duplex-G-CG	1	16	lb	37.73961	-122.238
39	ALAMEDA GOLF COURSE	Canal	8/14/2012 10:15	Duplex-G-CG	1	20	lb	37.73961	-122.238
79	NEWARK LAKE	Natural pond	8/14/2012 12:30	Altosid XR	0.01	6	ea	37.5567	-122.0367
65	LONE STAR.4	Natural pond	8/14/2012 14:00	Natular G30	0.5	5	lb	37.6487	-121.7913
41	ALVARADO CREEK PARK	Creek	8/15/2012 10:25	Vectorex WSP	0.002	4	ea	37.58859	-122.0461

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
41	HETCH HETCHY WATER	Ditch	8/15/2012 11:20	Duplex-G-CG	0.2	2	lb	37.55478	-121.9548
41	SULPHUR CK-SUNNYBANK	Creek	8/15/2012 12:25	Altosid XR	0.03	14	ea	37.6778	-122.0541
90	LEONA HEIGHTS	Creek	8/17/2012 9:10	Vectobac G	0.2	2	lb	37.7923	-122.1821
41	TYSON LAGOON	Natural pond	8/20/2012 10:50	Natular G30	0.3	3	lb	37.55879	-121.9754
41	TYSON LAGOON	Natural pond	8/20/2012 11:15	Duplex-G-CG	0.2	2	lb	37.55879	-121.9754
41	LINE N-by GRESEL ST	Canal	8/20/2012 14:00	Duplex-G-CG	0.3	3	lb	37.61721	-122.0432
39	ALAMEDA GOLF COURSE	Canal	8/21/2012 11:20	Vectolex CG	3	21	lb	37.73961	-122.238
65	MOLLER RANCH POND	Natural pond	8/24/2012 9:45	Duplex-G-CG	1	16	lb	37.6848	-121.9307
65	LOWES BMP	Natural pond	8/27/2012 11:10	Duplex-G-CG	0.05	0.05	lb	37.7023	-121.863
48	47TH FLOOD CONTROL CANAL	Canal	8/27/2012 12:15	Natular XRT	0.02	10	ea	37.7679	-122.2168
39	SKYWEST GOLF COURSE	Ditch	8/28/2012 12:50	Vectolex WSP	0.05	44	ea	37.6648	-122.1452
39	SKYWEST GOLF COURSE	Ditch	8/28/2012 13:05	Vectolex CG	0.5	10	lb	37.6648	-122.1452
41	CHERRYWOOD TRACT	Canal	8/29/2012 11:00	Altosid XR	0.03	14	ea	37.59042	-122.0073
41	CHERRYWOOD TRACT	Canal	8/29/2012 11:10	Natular XRT	0.02	7	ea	37.59042	-122.0073
65	HOPYARD CANAL	Canal	8/29/2012 11:30	Vectobac G	0.2	3	lb	37.6976	-121.8998
41	LINE N-by GRESEL ST	Canal	8/29/2012 13:00	Natular G30	0.2	2	lb	37.61721	-122.0432
73	Mowry Slough West	Marsh tidal	8/31/2012 9:00	Vectobac G	2	10	lb	37.4996	-122.0135
73	MOWRY SLOUGH TIDAL	Marsh reclaim	8/31/2012 10:17	Vectobac G	2	10	lb	37.50252	122.0142
73	PINTAIL Marsh - NORTH	Marsh tidal	8/31/2012 11:19	Vectobac G	2	10	lb	37.4928	-122.0081
73	PINTAIL Marsh - NORTH	Marsh tidal	8/31/2012 12:20	Vectobac G	4	20	lb	37.4928	-122.0081
107	FOUR WINDS NURSERY	Creek	8/31/2012 13:15	Duplex-12AS-WDG	0.2	2	gal	37.5403	-121.9312
79	GLENMOOR DRAIN	Canal	9/4/2012 10:00	BVA 2	0.01	3	fl oz	37.5347	-122.0106
65	SHANNON CREEK	Creek	9/4/2012 10:00	BVA 2	0.02	10	fl oz	37.7179	-121.9464
65	LAS POSITAS GOLF	Natural pond	9/4/2012 15:15	Altosid WSP	0.01	5	ea	37.6989	-121.8224
65	LAS POSITAS GOLF	Natural pond	9/4/2012 15:25	BVA 2	0.002	30	fl oz	37.6989	-121.8224
107	CROCKER DITCH	Canal	9/5/2012 9:00	Duplex-12AS-WDG	0.1	1	gal	37.534	-121.9594
65	BERNAL CANAL (B22)	Canal	9/6/2012 10:15	BVA 2	1	3	gal	37.6549	-121.8858
107	SCOTTS LAGOON	Marsh fresh	9/6/2012 10:45	Duplex-12AS-WDG	0.1	1	gal	37.5563	-121.9738
107	TYSON LAGOON	Natural pond	9/6/2012 11:30	Duplex-12AS-WDG	0.1	1	gal	37.55879	-121.9754
107	TYSON LAGOON	Natural pond	9/6/2012 13:00	Duplex-12AS-WDG	0.1	1	gal	37.55879	-121.9754
39	ALAMEDA GOLF COURSE	Canal	9/6/2012 13:00	Duplex-G-CG	2	15	lb	37.73961	-122.238
90	Monterey Creek	Creek	9/7/2012 9:15	Vectobac G	0.3	3	lb	37.80751	-122.1946
90	Monterey Creek	Creek	9/7/2012 9:30	Vectolex CG	0.3	3	lb	37.80751	-122.1946
90	COURTLAND CREEK	Creek	9/7/2012 10:00	Vectobac G	0.3	3	lb	37.78228	-122.2038
107	PARKWAY GOLF COURSE	Natural pond	9/7/2012 10:15	Duplex-12AS-WDG	0.1	1	gal	37.5467	-121.971
90	COURTLAND CREEK	Creek	9/7/2012 10:15	Vectolex CG	0.3	3	lb	37.78228	-122.2038

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
107	CROCKER DITCH	Canal	9/7/2012 13:15	Duplex-12AS-WDG	0.5	0.5	gal	37.534	-121.9594
65	ALAMO CANAL	Canal	9/11/2012 11:30	Vectobac G	0.2	3	lb	37.7086	-121.9568
79	COYOTE HILL-FRNT MAR	Marsh reclaim	9/11/2012 13:00	BVA 2	0.005	2	fl oz	37.558	-122.0798
39	SKYWEST GOLF COURSE	Ditch	9/12/2012 15:00	Duplex-G-CG	0.3	5	lb	37.6648	-122.1452
79	WASHINGTON HSP DITCH	Canal	9/14/2012 10:00	Vectobac G	0.3	1	lb	37.5556	-121.9854
79	WASHINGTON HSP DITCH	Canal	9/14/2012 10:30	BVA 2	0.3	1	gal	37.5556	-121.9854
65	PLEASANTON CANAL	Canal	9/17/2012 10:30	BVA 2	0.04	24	fl oz	37.6788	-121.8935
65	PLEASANTON CANAL	Canal	9/17/2012 10:45	Vectolex CG	0.2	3	lb	37.6788	-121.8935
90	RICHMOND AVE CREEK	Creek	9/18/2012 11:00	Duplex-G-CG	0.5	5	lb	37.82	-122.259
65	LUND CREEK	Creek	9/18/2012 13:30	Duplex-G-CG	0.1	2	lb	37.6502	-121.8855
109	NEWARK LAKE	Natural pond	9/19/2012 8:30	BVA 2	0.1	35	fl oz	37.5567	-122.0367
109	NEWARK LAKE	Natural pond	9/19/2012 10:00	FourStar 180 Bs	0.02	9	ea	37.5567	-122.0367
109	Bobwhite marsh	Marsh fresh	9/20/2012 8:00	BVA 2	0.2	68	fl oz	37.5825	-122.0487
109	Bobwhite marsh	Marsh fresh	9/20/2012 10:00	FourStar 180 Bs	0.04	17	ea	37.5825	-122.0487
48	WASHINGTON HSP DITCH	Canal	9/21/2012 11:45	Vectolex CG	0.3	0.5	lb	37.5556	-121.9854
65	CA HIGHLANDS DITCH	Ditch	9/21/2012 14:30	Vectolex CG	0.1	1	lb	37.7011	-121.9575
65	CA HIGHLANDS DITCH	Ditch	9/21/2012 14:45	BVA 2	0.05	20	fl oz	37.7011	-121.9575
73	MOWRY SLOUGH TIDAL	Marsh reclaim	9/24/2012 12:32	Vectobac G	2	10	lb	37.50252	122.0142
39	Maple/Kansas St Creek	Creek	9/24/2012 13:00	Duplex-G-CG	3500	3	lb	37.7988	-122.2044
73	Mowry Slough West	Marsh tidal	9/24/2012 14:15	Vectobac G	2	10	lb	37.4996	-122.0135
41	DRY CREEK DITCH-APT	Creek	9/25/2012 14:00	Altosid XR	0.01	4	ea	37.6071	-122.0203
41	ALVARADO MOBILE DITC	Ditch	9/26/2012 11:15	Natular G30	0.1	1	lb	37.6046	-122.0636
109	ALAMEDA GOLF COURSE	Canal	9/26/2012 12:00	Duplex-G-CG	1	30	lb	37.73961	-122.238
41	ALVARADO CREEK PARK	Creek	9/26/2012 12:10	Natular G30	0.1	1	lb	37.58859	-122.0461
41	HETCH HETCHY WATER	Ditch	9/26/2012 13:30	Natular G30	0.3	3	lb	37.55478	-121.9548
73	Hellman Gun Club	Marsh reclaim	9/26/2012 15:05	Altosid Brq	0.005	4	ea	37.4865	-121.99
73	MOUSE PASTURE	Marsh tidal	9/27/2012 10:35	Vectobac G	5	55	lb	37.4921	-121.9626
41	LINE N-by GRESEL ST	Canal	9/27/2012 13:15	Natular G30	0.4	4	lb	37.61721	-122.0432
65	LAS POSITAS GOLF	Natural pond	9/27/2012 14:15	Vectobac G	0.2	3	lb	37.6989	-121.8224
39	MILLS LAKE	Natural pond	9/28/2012 8:45	Duplex-G-CG	6000	9	lb	37.7819	-122.1786
73	MOUSE PASTURE	Marsh tidal	9/28/2012 12:30	Vectobac G	2	10	lb	37.4921	-121.9626
65	ARROYO DEL VALLE9.6	Creek	10/1/2012 12:15	Duplex-G-CG	0.1	2	lb	37.6654	-121.8623
73	MOUSE PASTURE	Marsh tidal	10/2/2012 11:32	Vectobac G	20000	3	lb	37.4921	-121.9626
41	RUUS RD CANALS	Canal	10/2/2012 11:50	BVA 2	0.01	3	fl oz	37.6178	-122.0613
41	RUUS RD CANALS	Canal	10/2/2012 11:55	Natular G30	0.03	0.25	lb	37.6178	-122.0613
39	MILLS CREEK	Creek	10/2/2012 13:45	Duplex-G-CG	1300	1	lb	37.779	-122.1834

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
65	GOLD CREEK	Creek	10/3/2012 10:00	Natular G30	0.5	5	lb	37.6872	-121.932
41	ALVARADO CREEK PARK	Creek	10/3/2012 11:10	BVA 2	0.01	1	fl oz	37.58859	-122.0461
41	ALVARADO CREEK PARK	Creek	10/3/2012 11:15	Altosid XR	0.002	3	ea	37.58859	-122.0461
41	TENNYSON CRK-MISSION	Creek	10/3/2012 12:20	Natular G30	0.8	8	lb	37.6497	-122.0598
65	BERNAL CANAL (B22)	Canal	10/4/2012 13:30	BVA 2	0.5	1.5	gal	37.6549	-121.8858
65	EL CAMINITO CANAL	Canal	10/5/2012 13:30	Duplex-G-CG	0.1	1	lb	37.7375	-121.7471
65	ARROYO SECO.2	Canal	10/5/2012 14:30	Duplex-G-CG	0.01	5	dry oz	37.7016	-121.7424
65	LOWES BMP	Natural pond	10/9/2012 11:15	Duplex-G-CG	0.1	1	lb	37.7023	-121.863
65	ALAMO CANAL	Canal	10/9/2012 12:45	Duplex-G-CG	0.1	1	lb	37.7086	-121.9568
65	GOLD CREEK	Creek	10/9/2012 14:15	Duplex-G-CG	0.1	1	lb	37.6872	-121.932
41	TYSON LAGOON	Natural pond	10/10/2012 11:45	Natular G30	0.1	1	lb	37.55879	-121.9754
65	B & B RANCH	Natural pond	10/10/2012 14:45	Duplex-G-CG	3	6	lb	37.7983	-121.5566
65	GOLD CREEK	Creek	10/11/2012 10:45	Duplex-G-CG	0.3	4	lb	37.6872	-121.932
65	BLUFFS DRIVE	Ditch	10/11/2012 14:30	Duplex-G-CG	0.1	1	lb	37.7274	-121.7141
41	CENTRAL PARK RR Ditch	Creek	10/15/2012 12:45	Natular XRT	0.002	1	ea	37.5517	-122.9577
41	CENTRAL PARK RR Ditch	Creek	10/15/2012 12:50	Natular G30	0.05	0.5	lb	37.5517	-122.9577
41	LAKE ELIZABETH PK	Marsh fresh	10/15/2012 13:20	Duplex-G-CG	0.1	1	lb	37.54476	-121.9647
41	OConnell Lane	Creek	10/15/2012 14:10	Natular G30	0.1	1	lb	37.5945	-122.0062
41	CHERRYWOOD TRACT	Canal	10/16/2012 10:55	Duplex-G-CG	0.2	2	lb	37.59042	-122.0073
41	EAST ALAMEDA CREEK	Canal	10/16/2012 12:10	Natular G30	0.1	1	lb	37.5738	-121.9706
41	Heritage Canal	Canal	10/16/2012 13:20	Altosid Brq	0.1	85	ea	37.5567	-121.9972
65	SHANNON CREEK	Creek	10/16/2012 14:30	Natular XRT	0.01	3	ea	37.7179	-121.9464
65	SHANNON CREEK	Creek	10/16/2012 14:35	Vectobac G	0.05	1	lb	37.7179	-121.9464
41	ROCHELLE AVE DRAIN	Ditch	10/17/2012 11:50	Natular XRT	0.01	5	ea	37.6342	-122.0629
41	Garin Park Creek	Creek	10/17/2012 13:45	Natular XRT	0.2	85	ea	37.62696	-122.0285
39	GALBRAITH GOLF COURSE	Ditch	10/18/2012 13:45	Duplex-G-CG	200	2	lb	37.723	-122.1991
41	Seike Temple ditch	Canal	10/25/2012 13:00	Altosid XR	0.01	4	ea	37.5835	-121.9996
41	CHERRYWOOD TRACT	Canal	10/25/2012 14:15	Altosid XR	0.003	5	ea	37.59042	-122.0073
109	ALAMEDA GOLF COURSE	Canal	10/26/2012 12:30	Duplex-12AS-WDG	0.4	4	gal	37.73961	-122.238
41	WARD CREEK- LOWER	Creek	10/26/2012 14:25	Altosid XR	0.002	1	ea	37.6649	-122.0547
41	SCOTTS LAGOON	Marsh fresh	10/29/2012 13:20	Natular G30	0.1	1	lb	37.5563	-121.9738
41	SCOTTS LAGOON	Marsh fresh	10/29/2012 13:30	Duplex-G-CG	0.3	3	lb	37.5563	-121.9738
41	SULPHUR CRK-HANSEN	Creek	10/30/2012 13:30	Duplex-G-CG	1.8	18	lb	37.6766	-122.0635
41	SULPHUR CRK-HANSEN	Creek	10/30/2012 14:25	Natular XRT	0.005	2	ea	37.6766	-122.0635
41	HETCH HETCHY WATER	Ditch	10/31/2012 12:35	Duplex-G-CG	0.1	1	lb	37.55478	-121.9548
41	HETCH HETCHY WATER	Ditch	10/31/2012 12:45	Natular G30	0.1	1	lb	37.55478	-121.9548

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
41	HETCH HETCHY WATER	Ditch	10/31/2012 12:55	Natular XRT	0.005	2	ea	37.55478	-121.9548
41	ALVARADO CREEK PARK	Creek	11/1/2012 13:00	Natular G30	0.1	1	lb	37.58859	-122.0461
41	MAYHEW RD FLOOD POND	Rainwater	11/7/2012 12:25	Natular G30	0.1	1	lb	37.58293	-122.0058
96	MAIN STREET DITCH	Ditch	11/9/2012 11:00	Vectobac G	0.5	3	lb	37.78459	-122.2912
96	MAIN STREET DITCH	Ditch	11/9/2012 11:15	Vectolex CG	0.5	3	lb	37.78459	-122.2912
39	Oro Loma Ditch EAST	Ditch	11/9/2012 11:20	Duplex-G-CG	0.8	8	lb	37.6618	-122.1425
41	LINE N-by GRESEL ST	Canal	11/9/2012 13:10	Natular G30	0.1	1	lb	37.61721	-122.0432
65	ARROYO DEL VALLE9.6	Creek	11/14/2012 13:15	Natular G30	0.005	3	dry oz	37.6654	-121.8623
39	SKYWEST GOLF COURSE	Ditch	11/19/2012 14:15	Duplex-G-CG	1	9	lb	37.6648	-122.1452
96	Main Street Ponds	Natural pond	11/26/2012 10:30	Duplex-G-CG	1	12	lb	37.78444	-122.2913
39	CULL CANYON CREEK	Creek	11/26/2012 11:05	Vectobac G	1	10	lb	37.7215	-122.0532
39	DUTRA SALT PONDS	Marsh reclaim	12/11/2012 13:50	Vectobac G	6	32	lb	37.6205	-122.1451
39	MARSICANO MARSH	Marsh reclaim	12/11/2012 15:00	Vectobac G	10	50	lb	37.62614	-122.1317
79	SOUTH MARSH - NORTH #5	Marsh reclaim	12/12/2012 9:00	BVA 2	1	3	gal	37.5881	-122.0905
39	MARSICANO PONDS	Marsh tidal	12/12/2012 12:50	Vectobac G	5	30	lb	37.6322	-122.1391
65	ARROYO DEL VALLE9.6	Creek	12/14/2012 13:45	Altosid WSP	0.05	24	ea	37.6654	-121.8623
48	CULL CANYON PARK	Creek	12/17/2012 10:30	Vectobac G	2.5	40	lb	37.7095	-122.0556
65	Amador Blvd and 680 highway	Ditch	12/17/2012 11:45	Altosid WSP	0.1	50	ea	37.7101	-121.9287
65	CAMP PARKS & S.P.R.R	Rainwater	12/17/2012 12:45	Natular G30	0.3	5	lb	37.7171	-121.9169
96	NAVAL BASE - West marsh	Marsh reclaim	12/18/2012 9:30	Duplex-12AS-ALL	3	30	gal	37.7861	-122.3306
96	NAVAL BASE - West marsh	Marsh reclaim	12/18/2012 11:00	Natular XRT	0.01	5	ea	37.7861	-122.3306
65	ARROYO DEL VALLE9.6	Creek	12/18/2012 12:45	Altosid WSP	0.1	50	ea	37.6654	-121.8623
65	ARROYO DEL VALLE9.6	Creek	12/18/2012 13:00	Natular XRT	0.04	24	ea	37.6654	-121.8623
39	TROJAN R.R.	Marsh reclaim	12/18/2012 14:00	Vectobac G	2.5	16	lb	37.6822	-122.1614
39	MARSICANO PONDS	Marsh tidal	12/19/2012 11:50	Vectobac G	4	25	lb	37.6322	-122.1391
65	680 DITCH	Ditch	12/19/2012 12:00	Natular XRT	0.01	5	ea	37.6771	-121.9136
65	680 DITCH	Ditch	12/19/2012 12:15	Altosid Pellets	2	10	lb	37.6771	-121.9136
79	ALA.CR.-HORSE STABLE	Ditch	12/19/2012 13:00	Duplex-12AS-ALL	2	20	gal	37.56486	-122.0741
65	VINEYARD CREEK	Creek	12/19/2012 13:45	Natular XRT	0.01	3	ea	37.658	-121.8531
39	SOUTH TROJAN	Marsh reclaim	12/19/2012 14:40	Vectobac G	3	25	lb	37.6729	-122.1554
39	GRANT AVE DRAIN	Marsh reclaim	12/19/2012 15:30	Vectobac G	1.5	15	lb	37.6699	-122.155
79	COYOTE HILL-FRNT MAR	Marsh reclaim	12/20/2012 7:15	Vectobac 1:80	5	50	gal	37.558	-122.0798
39	ORO LOMA RAINWATER	Marsh reclaim	12/20/2012 12:15	Vectobac G	1	12	lb	37.6615	-122.1464
65	NOOKY LAKE	Natural pond	12/20/2012 13:30	Altosid Pellets	1.3	7	lb	37.6662	-121.8353
39	SKYWEST GOLF COURSE	Ditch	12/20/2012 14:05	Vectobac G	2	15	lb	37.6648	-122.1452
39	Marina High School	Marsh reclaim	12/20/2012 15:00	Vectobac G	2	15	lb	37.69151	-122.163

empl	Name	Habitat	Date/time	Product	acres	amount	unit	Latitude	Longitude
65	DALTON POND	Rainwater	12/21/2012 11:45	Vectobac G	0.9	9	lb	37.7273	-122.7329
65	Collie canyon ponds	Natural pond	12/21/2012 13:45	Vectobac G	0.4	5	lb	37.7086	-121.8047
48	LEMA GOLF COURSE	Marsh fresh	12/26/2012 13:45	Vectobac G	2	40	lb	37.6851	-122.1791
39	HOHENER SLAUGHTER	Rainwater	12/27/2012 9:35	Vectobac G	2.5	25	lb	37.71367	-122.1923
39	GALBRAITH GOLF COURS	Ditch	12/27/2012 11:30	Vectobac G	2	20	lb	37.723	-122.1991
39	END OF EARHART	Marsh reclaim	12/27/2012 13:15	Vectobac G	2.5	25	lb	37.7433	-122.2202
39	END OF EARHART	Marsh reclaim	12/28/2012 10:00	Vectobac G	3.5	70	lb	37.7433	-122.2202
39	END OF EARHART	Marsh reclaim	12/28/2012 13:00	Vectobac G	3.5	70	lb	37.7433	-122.2202

Monitoring Log Sheet

Agency:	ACMAD	Location	37.5567/-121.9972	
Applicator Name:	Cain	Water Body:	Heritage Canal	Channel
Date of Application:	05/15/2012			
Pesticide	Larvicide	Vectolex CG and Vectobac G	Description:	

Visual Observation									
	Background Monitoring			Event Monitoring			Post-Event Monitoring		
Date of Monitoring	05/15/2012	Time:	12:25pm	05/15/2012	Time:	12:30pm	06/26/2012	Time:	11:30am
Monitors:	Cain			Cain			Cain		
Current Weather:	Clear/sunny/None/Light breeze/Warm/mild			Clear/sunny/None/Light breeze/Warm/mild			Clear/sunny/None/Light breeze/Warm/mild		
Water Color & Clarity:	Brown/Murky			Brown/Murky			Colorless/Clear		
Floating or Suspended Matter:	Observed	Bottom Deposits:	Observed	Observed	Bottom Deposits:	Observed	Observed	Bottom Deposits:	Observed
Aquatic Life:	Observed	Surface Oil:	none	Observed	Surface Oil:	none	Observed	Surface Oil:	none
Fungi, Slimes or Objectionable Growths:	Not Observed			Not Observed			Not 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						