

District Report



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The District in Action!



Each summer, district technicians respond to numerous service requests to control yellow jacket nests.

District News

- Catch basin/storm drain treatment is in full force in many areas of the county. If you see our white Jeeps treating storm drains in your neighborhood, say, "Hi!"
- Vector control technicians are treating seasonal standing water in urban creeks. Creeks are inspected every 3-4 weeks from June through October when water flows are low.
- Sewer plants in South San Francisco, Half Moon Bay, Burlingame and San Mateo are being inspected and treated twice a month.
- Helicopter treatment of cattail marshes at Searsville Lake, Sharp Park and Mills Field occurred on July 10, July 31, and August 21.
- Laboratory and operations staff collaborated to determine the amount of rat infestation in the sewers of Menlo Park, Atherton and Fair Oaks.
- Laboratory and Operations staff gave a presentation on insects to summer school classes at Sunnybrae Elementary in San Mateo on July 18. Students learned about entomological techniques, mosquito biology and control, and cheered on their favorite roaches during the cockroach races!



Mosquito Sources

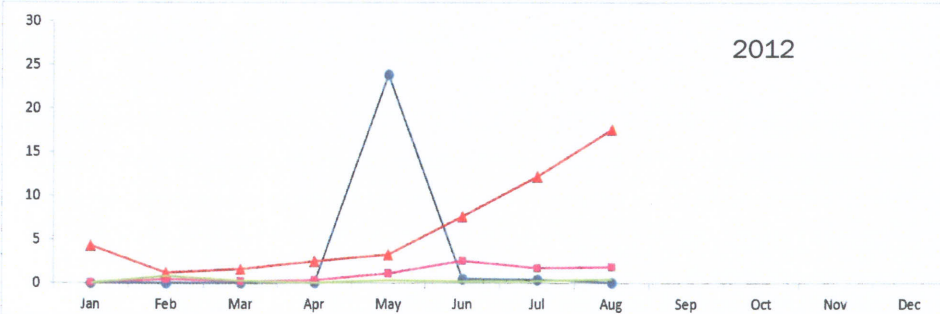
Number of Mosquito Sources Treated Per Month by Source Type

	June	July	Aug 1-15	Monthly Average
Fishponds & Fountains	1,006	767	445	1,290
Containers	500	288	124	679
Ditches & Drain lines	130	66	48	125
Creeks	31	49	4	39
Catch basins	20,168	57,686	28,229	24,991
Utility Vaults	113	30	108	440
Marshes & Impounds	277 (25.4 acres)	51 (217 acres)	23 (1.01 acres)	218 (337 acres)
Neglected Swimming Pools	57	54	23	100
Water under Buildings	24	16	2	26
Other	95	34	40	104
Total	22,401	59,041	29,046	28,012

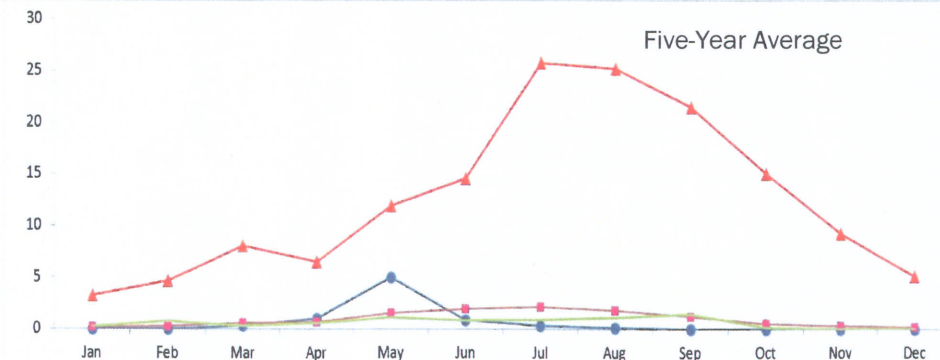
Mosquito Trap Data

Average Number of Adult Mosquitoes Caught in a 24-hour CO₂ trap

2012



Five-Year Average



Key to Species:

● Ae. washinoi

Aedes washinoi is an active day-biting mosquito which usually breeds in freshwater pools near marshes or streams.

■ Cs. incidens

Culiseta incidens is a large mosquito with dark patches on its wings. It is the most common mosquito species found breeding in fishponds.

▲ Cx. pipiens

Culex pipiens is the primary vector mosquito for West Nile Virus in many parts of the U.S. It is an extremely common pest in San Mateo county.

— Cx. tarsalis

Culex tarsalis is the primary vector of St. Louis encephalitis and western equine encephalitis.

July/August 2012

District Balance Sheet - Consolidated Funds As of July 31, 2012

	Jul 31, 12
ASSETS	
Current Assets	
Checking/Savings	
1010 · Cash	4,208,483
1010A01 · Cash-VCJPA Property Contingency	37,626
1010A02 · Cash-VCJPA Member Countingency	303,953
1011 · 1010-05 Cash-Capital Project	355,694
1020 · Cash - Petty Cash	200
Total Checking/Savings	4,905,956
Accounts Receivable	
1012 · 1012 · Accounts Receivable-001	71,686
Total Accounts Receivable	71,686
Total Current Assets	4,977,642
TOTAL ASSETS	4,977,642
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
4300-1 · 4300-1 · Accounts Payable	98,049
Total Accounts Payable	98,049
Credit Cards	
US Bank Credit Card	2,421
Total Credit Cards	2,421
Total Current Liabilities	100,469
Total Liabilities	100,469
Equity	
3021 · 3021 · Prior Period Adjustment	6,996
32000 · Retained Earnings	5,219,323
Net Income	(349,146)
Total Equity	4,877,173
TOTAL LIABILITIES & EQUITY	4,977,642

July/August 2012

District Profit & Loss - Consolidated Funds for the month ended July 31, 2012

REVENUES		MTD July-12	YTD FY12/13	Budgeted FY12/13	YTD July %	
					Balance Remaining	% of FY12/13 Budget
1021	Prop. taxes, current, secured	0	0	1,519,800	1,519,800	0.0%
1024	PY Secured Rede	0	0	3,400	3,400	0.0%
1031	Prop. taxes, current unsecured	0	0	82,000	82,000	0.0%
1033	Prop. taxes, prior, unsecured	0	0	650	650	0.0%
1041	Prop taxes CY secured SB 813	0	0	19,700	19,700	0.0%
1042	Prop taxes CY unsecured SB 813	0	0	650	650	0.0%
1043	PY SB 813 REDEM	0	0	1,400	1,400	0.0%
1045	Prop. taxes unsecured SB 813	0	0	320	320	0.0%
1046	1046 - ERAF Rebate	0	0	203,718	203,718	0.0%
1521	Interest Earned	10,912	10,912	53,792	42,880	20.3%
1831	Homeowner Prop	0	0	5,000	5,000	0.0%
2031	Special Assessment	0	0	1,491,980	1,491,980	0.0%
2439	Other Special Charges	0	0	459,585	459,585	0.0%
2451	Service Abatement Income	61,231	61,231	276,892	215,661	22.1%
2658	Other	0	0	27,000	27,000	0.0%
Total Revenue		72,143	72,143	4,145,887	4,073,744	1.7%
EXPENDITURES						
Salary & Benefits						
4111	Regular Full Time	53,264	53,264	1,325,000	1,271,736	4.0%
4161	Regular Part Time	10,669	10,669	135,000	124,331	7.9%
4311	Social Security	761	761	9,000	8,239	8.5%
4321	Retirement	28,370	28,370	395,000	366,630	7.2%
4412	Health Insurance	23,362	23,362	308,805	285,443	7.6%
4414	Great-West Deferred Comp	1,000	1,000	13,000	12,000	7.7%
4415	Medicare Insurance	865	865	24,000	23,135	3.6%
4422	Dental Insurance	2,221	2,221	36,000	33,779	6.2%
4431	Vision Insurance Plan (VSP)	333	333	4,700	4,367	7.1%
4440	Employee Commute Benefit	0	0	5,000	5,000	0.0%
4442	Long Term Disability	708	708	10,000	9,292	7.1%
4451	Unemployment Insurance	761	761	18,000	17,239	4.2%
4621	AFLAC Insurance	393	393	6,200	5,807	6.3%
Subtotal		122,707	122,707	2,289,705	2,166,998	5.4%
Services & Supplies						
5111	Agricultural	100,851	100,851	250,000	149,149	40.3%
5121	Clothing	1,993	1,993	21,750	19,757	9.2%
5156	Household	450	450	3,500	3,050	12.9%
5171	Medical/Laboratory	490	490	3,850	3,360	12.7%
5188	Other Misc (Union Bank Fee)	93	93	1,860	1,767	5.0%
5199	Office	1,488	1,488	20,180	18,692	7.4%
5233	Special Tools	423	423	18,900	18,477	2.2%
5331	Memberships	8,000	8,000	18,075	10,075	44.3%
5416	Gasoline/Oil	6,731	6,731	67,000	60,269	10.0%
5428	Miscellaneous Repair	4,101	4,101	265,000	260,899	1.5%
5472	General Maintenance	612	612	8,900	8,288	6.9%
5631	Electric/Gas	285	285	7,200	6,915	4.0%
5635	Water/Sewer Disposal	205	205	9,790	9,585	2.1%
5721	Meetings/Conferences	3,678	3,678	82,000	78,322	4.5%
5856	Services/Consultation	18,681	18,681	259,300	240,619	7.2%
5966	District Special Expenses	9,627	9,627	129,800	119,973	7.4%
6712	Telephone	1,312	1,312	20,300	18,988	6.5%
6725	Liability Insurance	57,162	57,162	60,000	2,838	95.3%
6731	Other Insurance	82,401	82,401	83,000	599	99.3%
Subtotal		298,582	298,582	1,330,205	1,031,623	22.4%
Fixed Assets						
7211	Structures/Improvements	0	0	0	0	0.0%
7311	Equipment	0	0	138,800	138,800	0.0%
Subtotal		0	0	138,800	138,800	
Total Expenditures		421,289	421,289	3,758,710	3,337,422	11.2%
NET INCOME						
Net Income		(349,146)	(349,146)	387,177		

NOTE:

Net Loss for the current period as FY12/13 Revenues have not yet been distributed to the District as of July-12.

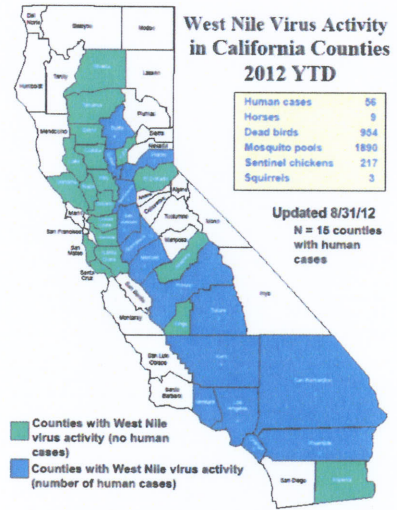


West Nile Virus

San Mateo County

As of September 4, 2012, two birds, a Mourning Dove from Half Moon Bay, and a Red-Shouldered Hawk from Woodside, have tested positive for West Nile Virus (WNV) in San Mateo County. In addition, a total of six birds and two Eastern Gray squirrels have tested chronic-positive for WNV. Animals testing positive for chronic, low-level infections are unlikely to have been infected recently, while an acute case indicates a recent infection. An acute case of WNV likely means that virus may still be circulating in the environment.

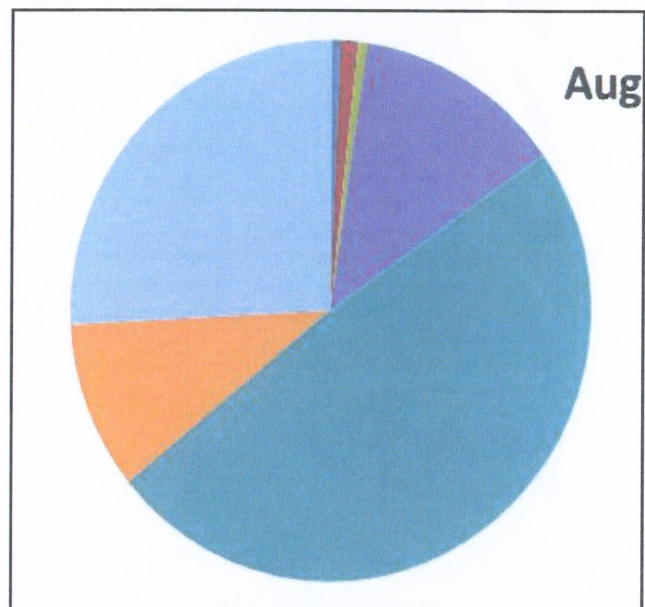
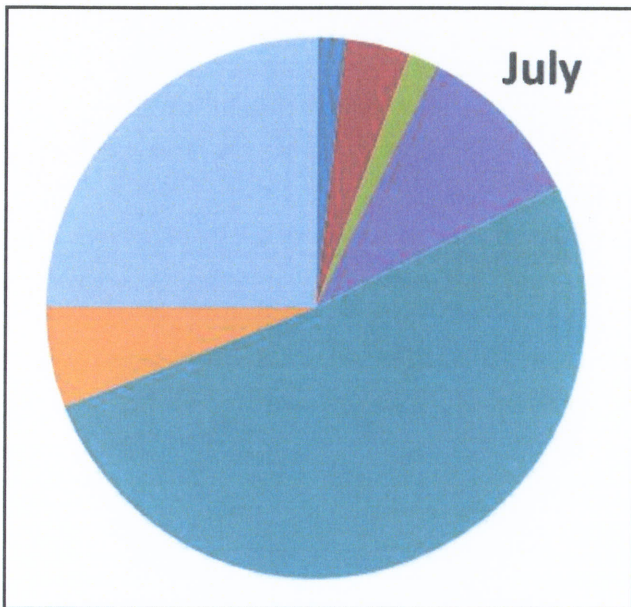
The district asks residents to report dead birds or tree squirrels. Specimens that appear to have been dead for less than 24 hours and are in good condition will be tested for WNV. Residents should contact the state WNV hot line at **877-WNV-BIRD (968-2473)**. Reports can also be made online at <http://westnile.ca.gov>.



California

As of August 31st, two WNV-related fatalities were reported in Kern, and now Fresno County. In the last week, 15 new WNV positive human cases were reported from nine counties for a state-wide total of fifty-six (shaded blue in map on right). To date, thirty-four counties in California have detected WNV this year (shaded green in map on right). In 2012, 954 dead birds (34% of birds tested) have been found positive for WNV, as have 1,890 mosquito pools, 9 horses, 3 squirrels and 217 chickens.

Service Requests by Category, July1—Aug 15, 2012



■ Other
 ■ Insect ID
 ■ Wildlife
 ■ Rodents
 ■ Stinging Insects
 ■ Fish Stocking
 ■ Mosquito-related



We're on the
web!

www.smcmad.org



"An Independent Special District
Working for You Since 1916"

SAN MATEO COUNTY
MOSQUITO AND VECTOR CONTROL

1351 Rollins Road
Burlingame, CA 94010

Phone: 650-344-8592
Fax: 650-344-3843

www.smcmad.org

The San Mateo County Mosquito and Vector Control District is an independent, Special District funded by a property tax voted in by individual cities. Our mission is to safeguard the health and comfort of our citizens through a planned program to reduce mosquitoes and other vectors in an environmentally responsible manner.

	Extension
Robert B. Gay, Manager _____	12
Angie Nakano, Acting Laboratory Director _____	31
Tina Sebay, Vector Ecologist _____	38
Theresa Shelton, Vector Ecologist _____	44
Richard Chow, Acting Operations Director _____	15
Rosendo Rodriguez, Finance Director _____	11

**"A VECTOR is any animal that can transmit
disease to animals or people."**

Hantavirus

In Yosemite National Park, six people have been infected with Hantavirus Pulmonary Syndrome (HPS), one of whom died. Public health officials believe that the infected people might have been exposed to HPS from mice droppings or urine that contained hantavirus while vacationing in the Curry Village area of Yosemite.

Hantavirus Pulmonary Syndrome (HPS) is a severe respiratory disease in humans caused by infection with a hantavirus. Rodents that carry hantavirus shed the virus in their urine, droppings, and saliva. The virus is usually transmitted to people when they inhale air contaminated with the virus. Barns, cabin, and sheds are potential sites where people may be exposed to the virus. In the US and Canada, the Sin Nombre hantavirus is responsible for the majority of cases of HPS. The host of the Sin Nombre virus is the deer mouse (*Peromyscus maniculatus*), present throughout the western and central US and Canada.

To reduce exposure to HPS, routine measures should include exclusion of deer mice and other rodents and regular cleaning and sanitation. If an area has not been cleaned for a long time, take special precautions: ventilate the area for at least 30 minutes, wear disposable gloves, spray urine and droppings with disinfectant and allow to soak for five minutes, and do not stir up dust.

Tip of the month:

Many residents along the bay side of the county have been reporting large numbers of midges. Midges are small mosquito-like insects that do not bite. If you are being inundated by midges:

- ⇒ Keep doors and screens shut, especially at night.
- ⇒ Turn off outdoor lights. Adult midges are attracted to light!
- ⇒ Do not use aerosol cans of bug spray; the midges will return a few minutes after use.

