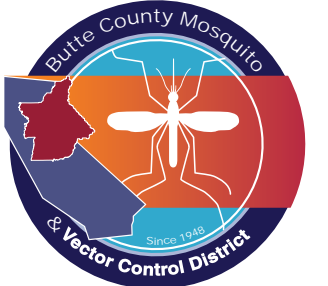


# BUTTE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT



2nd Quarter, 2020

Newsletter

## 2020 CONTROL AND SURVEILLANCE ACTIVITIES

The 2020 mosquito control season is now fully underway and the District has already seen normal to high numbers of mosquitoes in traps located throughout the District. Rising populations of mosquitoes have been identified in the valley, foothill, and mountain areas of the District. The District's control and surveillance programs are fully staffed and operating at high capacity, utilizing every resource. Mosquito and Vector Control Specialists are focusing larvicide efforts on various mosquito-breeding sources including urban sources (storm drains, catch basins, un-maintained swimming pools, retention/detention ponds, etc.), rural sources (roadside ditches, pastures, sewer ponds, canal leaks, etc.), and agricultural sources (rice, managed wetlands, orchard runoff, etc.). Adult mosquito control has commenced throughout the District concentrating on areas with higher populations of mosquitoes and large numbers of resident generated requests. The entomology department continues to be the "eyes and ears" of the District searching for WNV and other mosquito-borne viruses through the testing of mosquitoes, birds, and chickens. Entomology staff is continuing to monitor adult and larval mosquito populations and vector-borne disease throughout the District utilizing New Jersey light traps, gravid traps, carbon dioxide baited traps, dippers, sentinel chickens, live mosquitoes, and dead birds.

## WEST NILE VIRUS ACTIVITY

As of June 28th, 2020, no mosquito pools have tested positive for WNV within the District. A mosquito pool is a group of mosquitoes, in this case 50, that were taken from a Co2 trap and sent in for testing at the University of California, Davis. There have been no human cases of WNV reported yet in the District for 2020. The District has also had no dead birds or sentinel chickens test positive for WNV this year.

	Humans	Horses	Dead Birds	Dead Squirrels	Mosquito Pools	Sentinel Chickens
2004	7	18	118	0	1	50
2005	25	7	79	0	4	15
2006	34	0	40	1	1	49
2007	16	0	27	0	5	32
2008	6	0	38	0	5	31
2009	2	0	13	0	5	36
2010	1	1	6	1	7	7
2011	3	0	0	0	1	20
2012	10	2	53	2	27	43
2013	24	0	42	1	38	57
2014	25	0	22	0	43	37
2015	55	0	38	0	101	37
2016	21	0	22	0	48	38
2017	3	0	5	0	49	31
2018	12	0	4	0	49	37
2019	5	0	1	0	45	34
2020	0	0	0	0	0	0
<b>Totals</b>	<b>249</b>	<b>28</b>	<b>508</b>	<b>5</b>	<b>429</b>	<b>554</b>



Butte County Mosquito and Vector Control District  
5117 Larkin Road  
Orville, CA. 95965

## MOSQUITOFISH AVAILABLE

**Harshbarger Ace Hardware**  
1626 State Hwy 99  
Gridley, CA  
Phone: 530-846-3625

**Earthworm Soil Factory**  
2552 Clark Road  
Butte Valley, CA  
530-895-9676

**C Bar D Feeds**  
3388 Highway 32  
Chico, CA  
Phone: 530-342-5361

**Magnolia Gift & Garden**  
1367 East Avenue  
Chico, CA  
530-894-5410

**Wilbur's Feed**  
139 Meyers Street  
Chico, CA  
Phone: 530-895-0569

**Foothill Mill and Lumber**  
1698 Wagstaff Rd  
Paradise, CA  
Phone: 530-877-3395

**Rose Chapel Mortuary Crematory**  
6382 Clark Rd  
Paradise, CA  
530-877-4923

**The Pine's Yankee Hill**  
11300 Miller Flat Road  
Concow, CA  
Phone: 530-534-1265

**Hamilton City Fire Department**  
4120 1st Street  
Hamilton City, CA  
Phone: 530-826-3355

**Garden Connection**  
1740 Feather River Blvd  
Orville, CA  
Phone: 530-342-7762

## MISSION STATEMENT

The mission of the Butte County Mosquito and Vector Control District is primarily to suppress mosquito-transmitted disease and also to reduce the annoyance levels of mosquitoes and diseases associated with ticks, fleas and other vectors through environmentally compatible control practices and public education.

## CONTACT INFORMATION

Butte County Mosquito and Vector Control District  
5117 Larkin Road, Oroville, CA. 95965

Phone: (530) 533-6038, (530) 342-7350  
Fax: (530) 534-9916

Website: [www.BUTTEMOSQUITO.com](http://www.BUTTEMOSQUITO.com)

## "FIGHT THE BITE!"

This institution is an equal opportunity provider and employer.

## NEW WEBSITE FOR THE DISTRICT

After nearly 12 years, the District has a new website. The old website was getting dated, with concerns growing over security issues, lack of support, and noncompliance with new ADA and State regulations. The new website, built by Matson and Isom of Chico, is very user friendly, is accessible in phone, tablet, or PC mode, and is constantly monitored by Matson and Isom for security concerns, updates, licenses, and compliance issues.



Screen Shot From New Website

## AERIAL SURVEILLANCE FOR UNMAINTAINED SWIMMING POOLS HAS BEEN COMPLETED

This year's unmaintained swimming pool survey has been completed. The total survey area for 2020 was 138,000 acres. This includes the Oroville Mosquito Abatement District, which covers 6,600 acres. Overall, there were 470 targets that were found in the District. This year's survey went smoothly despite the COVID-19 pandemic and a two week medical emergency.

The District would like to thank Ron O'Hanlon and Associates, as well as the Butte County Sheriff's Department for the professional job they did on this year's survey. The Sheriff's Office provided the helicopter, as well as pilot Jake Hancock and Aircraft Manager David Ennis.

## NEW TANK TRUCK

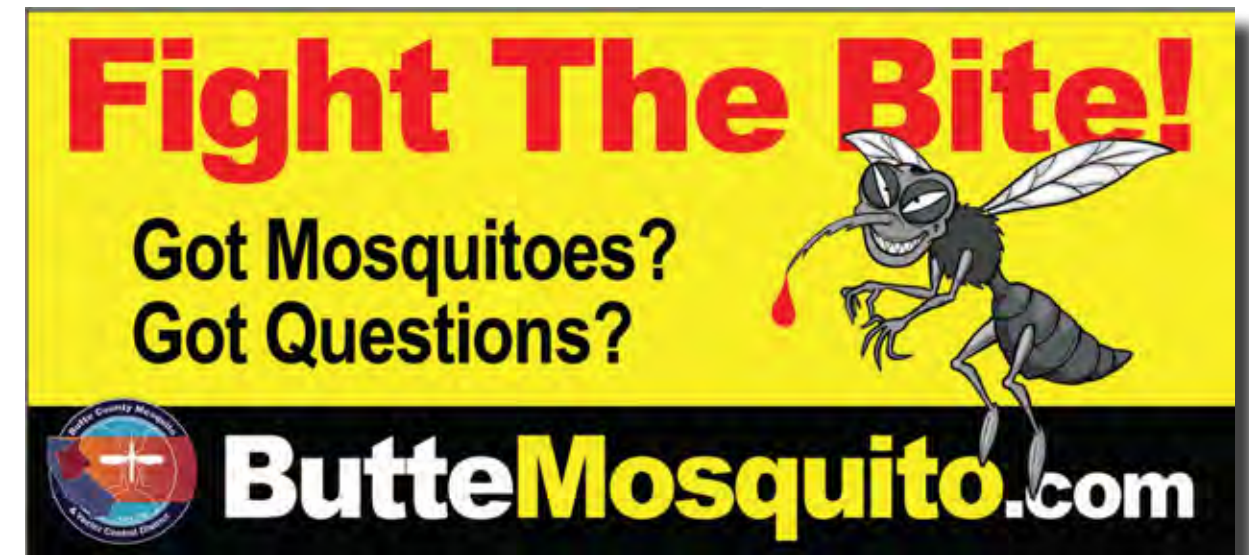
The District's new tank truck is 99% complete and the District expects to take delivery in early July. The truck, a 2020 International MV, was purchased new from Riverview International Trucks in West Sacramento, in August, 2019. After taking delivery of the truck, it was brought back to District headquarters where the District Pilot, Del Boyd, with the help of Mosquito and Vector Control Specialist Glen Williams, built the loading cage. After that was complete the truck was delivered to West-Mark in Ceres, California, to have the Water/Jet A fuel tank, mixing tank, all hydraulics, and electrical installed.

## 2020 PUBLIC EDUCATION CAMPAIGN

Currently, because of COVID-19, all fairs and indoor/outdoor events have been postponed or cancelled.

The District has again partnered with Stott Advertising on a billboard campaign. This year's slogan is "Fight the Bite!" The six billboards will rotate throughout the county from May through September. The new billboard uses the District's new website address "www.ButteMosquito.com".

The District has also contracted with Action News Now, for a 30 second mosquito awareness animated commercial. The District is continuing its radio advertising campaign as well as its newsprint campaign.



2020 Billboard Design



District Public Education Brochures