



## **Butte County Mosquito and Vector Control District**

5117 Larkin Road • Oroville, CA 95965-9250  
Phone: 530-533-6038 • Fax: 530-534-9916  
[www.BCMVCD.com](http://www.BCMVCD.com)

**Matthew C. Ball**  
Manager

### **AGENDA**

#### ***Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District***

(BCMVCD) Board Room, 444 Otterson Drive, Chico, CA 95928. The Board of Trustees is committed to making its proceedings accessible to all citizens. Individuals with special needs should call District staff at 530-533-6038 or 530-342-7350, Monday through Thursday, 6:00 a.m. to 4:30 p.m. to request disability-related modifications/accommodations or to request materials in alternate formats. All requests for special accommodation and/or alternative format documents must be made 48 hours prior to the meeting.

1. *Regular Board of Trustees Meeting Time: 4:00 PM Date: April 10, 2024*
2. *Call to Order – 4:00 PM Roll Call*
3. *Persons Wishing to Address the Board on Items Not on the Agenda (limit to 5 minutes):*
4. *Approval of Minutes of the Meeting of: March 13, 2024*
5. *Persons Wishing to Address the Board Pertaining to Closed Session Matters:*
6. *Closed Session Announcement (District Legal Counsel Present): N/A*
7. *Reports: (7.1 – 7.3)*
- 7.1 *District Manager's Report*

The District Manager will provide a brief report on current District business and activities. The District Manager will also report on District employees, meetings attended, and current projects.

- 7.2 *2023 / 2024 Third Quarter Fiscal Report*

By the time of the Board Meeting, staff will have the 3<sup>rd</sup> quarter fiscal report prepared and available for review. The Administrative Manager will discuss and explain the report and will be available for questions regarding the report.

- 7.3 *2024 BCMVCD 1<sup>st</sup> Quarter Newsletter*

**The Assistant Manager will review the District's 2024 1<sup>st</sup> Quarter Newsletter.**

8. *Policy Matters: (8.1 – 8.5)*
- 8.1 *Consider the 2024/2025 Fiscal Budgets, Receive, Review, and Order Posted for 30 Days*

The Board will be asked to consider receiving, reviewing, and ordering posted for 30 days the 2024/2025 preliminary budgets. The District Manager and Administrative Manager will review and explain the proposed budgets.

8.2 *Consider Approving the Four Annual Letters, Two MOUs, and Authorize Mailing When Appropriate*

The Board will be asked to review and consider the enclosed draft copies of the organic rice letter and Memorandum of Understanding (MOU), the aggressive mosquito control on lands in excess of three acres (new owner/manager) letter and MOU, the aggressive mosquito control on lands in excess of three acres (reminder) letter, and the post-harvest rice re-flooding letter. The Board will also be asked to authorize the mailing of the aforementioned letters and MOUs when appropriate.

8.3 *Consider Declaring Three (3) Satloc G4 Aerial Guidance Systems and AIMMS 20 Surplus to Need*

The Board will be asked to consider declaring three (3) Satloc G4 Aerial Guidance Systems and one (1) AIMMS 20 surplus to need.

8.4 *Consider Approving the Non-Emergency COVID-19 Prevention Program*

The Board will be asked to consider approving the Non-Emergency COVID-19 Prevention Program. The District Manager reported to **the Board in April 2020 that the District's Safety Committee** created an Emergency COVID-19 Prevention Program pursuant to state law. The District has been following that plan pursuant to the requirements of state law and CalOSHA. With the emergency declaration ended, the District proposes the new plan.

8.5 *Consider Approving an Invoice for Payment from Nwestco for the New Above Ground Storage Tank Permits, Blueprints, and Engineering Plan Fees*

The Board will be asked to consider approving for payment an invoice from Nwestco for \$9,528.99 for the new above ground storage tank (AST) permits, blueprints, and engineering plans. Capital expenditure for the AST was approved by the Board on April 12, 2023. The approved quote stated that permit and administrative fees which included engineering plans and blueprints would be invoiced separately and through the duration of the project.

9. *Topic of the Month:*

The Board will watch a presentation on the biology of *Aedes sierrensis*.

10. *Approve Payment of The Bills:*

The Board will be asked to review the demands made upon the District for the past month and consider approving the payment of the bills.

11. *Personnel:* N/A

12. *Correspondence:* Letter to Chairwoman Duranzo, Senate Committee on Local Government.

13. *Other Business:* N/A

14. *Persons Wishing to Address the Board Pertaining to Closed Session Matters:*

15. *Closed Session Matters (District Legal Counsel Not Present): (15.1-15.2)*

- 15.1 Employee Performance Evaluation – PUBLIC EMPLOYEE PERFORMANCE EVALUATION.  
**Gov't. Code 54957. Title, District Manager.**
- 15.2 Labor Negotiations – **CONFERENCE WITH LABOR NEGOTIATOR(s). Gov't. Code 54957.6.**  
District Designated Representative(s): District Manager Ball. Employment Agreement extension.
16. *Adjournment: (Next Regular Meeting of the BCMVCD Board of Trustees is May 8, 2024)*

***Regular Meeting Minutes of the Board of Trustees of the Butte County Mosquito and Vector Control District Meeting held March 13, 2024***

**Members Present:** Darlene Fredericks, Andrew Haymond, Assistant Secretary Bruce Johnson, Vice President Dr. Larry Kirk, Philip LaRocca, Steve Ostling, Secretary Melissa Schuster, President Bo Sheppard, Eric Smith, and Carl Starkey.

**Members Excused:** None.

**Members Absent:** None.

**Also Present:** District Manager Matt Ball, Assistant Manager Aaron Lumsden, Administrative Manager Maritza Sandoval, Entomologist Amanda Bradford, and Office Assistant Sara MacKenzie.

1. The Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District held on March 13, 2024, at 444 Otterson Drive, Chico, CA 95928.
2. The March 13, 2024, Butte County Mosquito and Vector Control District regular meeting of the Board of Trustees was called to order at 4:00 PM by President Sheppard.
3. Under persons wishing to address the Board on items not on the agenda, the District Manager introduced new Trustee, Eric Smith who was appointed by the City of Oroville. Seeing and hearing no persons wishing to address the Board on items not on the agenda, President Sheppard proceeded to request approval of the minutes.
4. After review, it was then moved by Member LaRocca, seconded by Member Kirk, and passed unanimously with a vote of 10 ayes and 0 nays to approve the minutes of the Board of Trustees regular meeting held February 14, 2024, as written.
5. No persons wishing to address the Board on closed session matters.
6. No closed session matters needing legal counsel.
7. Reports (7.1)

Under item 7.1 of Reports, District Manager's Report, the District Manager reported that on February 15, 2024, District management met with representatives of Mom's Club to discuss the District's Aggressive Larvicide Program and to review best management practices to reduce mosquitoes. Also on this date, District management signed the Fire Victim's Trust release per the direction of the Board.

On February 22, 2024, the District had its SB 989 UST inspections. Two of the three tests the District passed; one test was not performed as repairs need to be made before the test can be completed. The District is in the process of getting the repair completed. Also on this date, the District Manager attended a Legislative Committee meeting to review 2024 legislation and reviewed the feedback from the 2024 Leg Day that was held.

On February 27, 2024, District management and administrative staff attended a weekly meeting with Leading Edge and Associates to review the status of MapVision 3.0 and to discuss the needs still needing to be completed on the project. Also on this date, the above-mentioned staff held an annual pre-budget meeting to discuss needs, wants, and prices. In addition, District management attend a webinar on new employment law for 2024. The District manager reminded the Board that the District has three projects happening at this time the above ground tank, MapVision 3.0, and the building expansion.

On February 28 and 29, 2024, District management attend the VCJPA Annual Conference. The conference provides nuts and bolts training to the programs and coverages, employment law, and worker's compensation procedures. The conference is informative and very educational.

On February 29, 2024, the District completed the monthly management meeting, staff meeting, and all vehicle inspections. The District's Safety Committee held their monthly meeting as well as management.

On March 1, 2024, the District Manager attended the biweekly Legislative Regulatory Committee call. MVCAC lobbyists and committee members reviewed legislation and current regulatory issues throughout the state.

On March 5, 2024, District management and administrative staff attended a weekly meeting with Leading Edge and Associates to review the status of MapVision 3.0 and to discuss the needs still needing to be completed on the project. Also on this date, District management and administrative

staff attended training on SB 553 which requires the District to create and produce a Workplace Violence Prevention Program (WVPP) by July 1, 2024. The District is currently working with the VCJPA to create a WVPP pursuant to the new law.

On March 6, 2024, the Assistant Manager met virtually with RG&A and the civil engineer to finalize the plans to be submitted to the city of Oroville's review for the new building expansion project. The District is hopeful to put this project out to bid soon.

On March 12, 2024, District management and administrative staff attended a weekly meeting with Leading Edge and Associates to review the status of MapVision 3.0 and to discuss the needs still needing to be completed on the project.

AB 1115 postpones the repeal of Barry Keene Underground Storage Tank Cleanup Trust Fund Act of 1989 provisions to January 1, 2036. In short, the District can maintain its \$5,000.00 UST Fund in reserves as opposed to increasing that to \$1,000,000.00.

The District has received payment for all outstanding invoices from the 2023 mosquito season.

After this final item of reports, President Sheppard asked the District Manager to proceed to policy matters.

## 8. Policy Matters (8.1 – 8.5)

- 8.1 Under item 8.1 of Policy Matter, the Board was asked to consider a transfer of \$180,000.00 from Accumulated Capital Outlay Reserve to Capital Outlay Vehicles as the new fleet trucks are expected to arrive before the end of the fiscal year. The Board approved the four (4) fleet F150 trucks at the October 11, 2023, Board meeting. It was then moved by Member LaRocca, seconded by Member Schuster, and passed unanimously with a vote of 10 ayes 0 nays to approve a transfer of \$180,000.00 from Accumulated Capital Outlay Reserve to Capital Outlay Vehicles.
- 8.2 Under item 8.2 of policy matters, the Board was asked to declare four vehicles surplus to need, establish the minimum bid amount for each truck, authorize the sale to the highest bidder, and to approve the notice for publication. It was then moved by Member Kirk, seconded by Member Starkey, and passed unanimously with a vote of 10 ayes 0 nays to declare four vehicles surplus to need, establish the minimum bid amount for each truck at \$2,500.00, authorize the sale to the highest bidder, and to approve the notice for publication. The District Manager also asked about employees being able to place sealed bids on surplus vehicles and it was the Board's direction to allow District employees to place sealed bids, but continued to restrict Board Trustees from placing bids.
- 8.3 Under item 8.3 of Policy Matter, the Board was asked to consider one of two possible change orders for the new above ground storage tank. The change orders are a requirement from the city of Oroville which was discovered through the permitting process for the new tank. After some discussion it was then moved by Member Schuster, seconded by Member Johnson, and passed unanimously with a vote of 10 ayes 0 nays to approve the \$24,500.00 change order from NWestCo for the new tank footings.
- 8.4 Under item 8.4 of Policy Matter, per the conditions of the Employment Agreement between the District and District Manager, the manager must remind and request an annual performance evaluation. The Board and District Manager will meet in closed session at April's Board Meeting to discuss the evaluation. No action taken, nor needed.
- 8.5 Under item 8.5 of Policy Matter, per the conditions of the Employment Agreement between the District and District Manager, the manager must request a one-year contract extension, which he did both verbally and with a written letter. No action taken, nor needed.
9. Under topic of the month, the Entomologist gave a presentation on the mosquito traps used by the District.
12. After reviewing the demands made upon the District for the past month, it was then moved by Member Starkey, seconded by Member Johnson, and passed unanimously with a vote of 10 ayes 0 nays to authorize checks numbered 53557 through 53692 be signed and distributed. Expenditures for the month totaled \$241,775.05.
13. No items under personnel to report.
14. Under correspondence, the Board reviewed a letter written by the District Manager Matthew C. Ball.

15. Under other business to report, the District Manager reminded the Board that some Trustees were due for state mandated ethics training and/or sexual harassment training.
16. No persons wishing to address the Board pertaining to closed session matters.
17. No closed session matters not warranting legal counsel.
18. President Sheppard announced adjournment at 4:55 PM and concluded by stating that the next regular meeting of the BCMVCD Board of Trustees would meet at 4:00 PM on April 10, 2024, at the Chico Substation Board Room at 444 Otterson Drive, Chico, CA 95928.

Respectfully submitted,

Melissa Schuster,  
Secretary

On March 14, 2024, the District completed the monthly management meeting, staff meeting, and all vehicle inspections. The District's Safety Committee held their monthly meeting as well as management.

On March 15, 2024, the District Manager attended the biweekly Legislative Regulatory Committee call. MVCAC lobbyists and committee members reviewed legislation and current regulatory issues throughout the state.

On March 18, 2024, the District Manager met with a representative of Azelis to discuss products, pricing, and availability.

On March 19, 2024, District management and administrative staff attended a weekly meeting with Leading Edge and Associates to review the status of MapVision 3.0 and to discuss the needs still needing to be completed on the project. Also on this date, the above-mentioned staff attended a webinar on new employment laws for 2024. Additionally, the District Manager met with a representative of Valent Biosciences to discuss products, pricing, and availability. Clarke provided droplet testing on all District foggers. This service was free of charge.

On March 20, 2024, the District Manager met with Action News Now to complete a new voice over for the District's 2024 public service announcement.

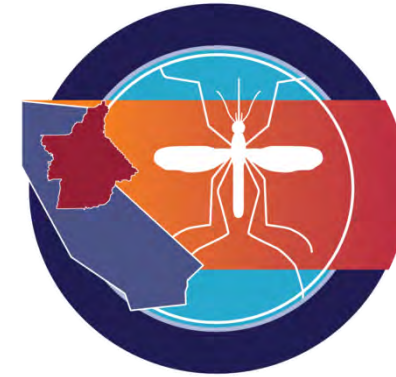
On March 26, 2024, District management and administrative staff attended a weekly meeting with Leading Edge and Associates to review the status of MapVision 3.0 and to discuss the needs still needing to be completed on the project. Also on this date, the Administrative Manager met with a representative of Cintas to discuss the District's uniforms and the Assistant Manager met with representatives of Nwestco to discuss the change order to the AST project.

On March 27, 2024, District management reviewed the draft budget and the process to create the budget.

On April 1, 2024, the District was closed in observance of Cesar Chavez Day.

On April 2, 2024, District management and administrative staff attended a weekly meeting with Leading Edge and Associates to review the status of MapVision 3.0 and to discuss the needs still needing to be completed on the project.

On April 3, 2024, the Assistant Manager met with representatives of Nwestco to begin work on the AST footings.



# Butte County Mosquito & Vector Control District

Since 1948

1st Quarter, 2024

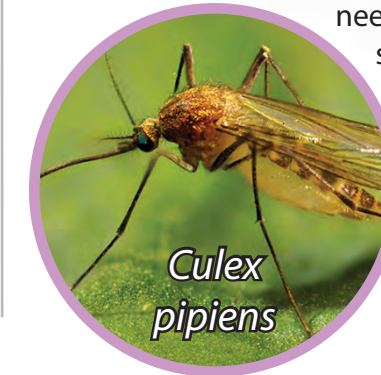
Newsletter

## 2024 MOSQUITO SURVEILLANCE

The 2024 mosquito season has started, and the District's surveillance program is now underway. The District's 54 sentinel chickens will arrive in late April, and 42 of the chickens will be evenly distributed to the 7 chicken coops located throughout the District. Blood samples are taken from the chickens bi-weekly and tested for mosquito-borne diseases. The District's 31 gravid traps and 28 New Jersey light traps will be in place in mid-April. The District analyzes the mosquito abundance from these traps to focus the efforts of the Mosquito and Vector Control Specialists throughout the County. Along with the surveillance program, mosquito control has once again commenced.



Urban and residential regions are areas of concern for spring mosquitoes. These are the mosquito species that can carry and transmit diseases such as West Nile virus (WNV). Larval inspections and larval control are currently underway in municipal and private sources such as storm drains, catch basins, retention ponds, detention ponds, and other man-made mosquito-breeding sources. Floodwater sources are also being monitored and treated as needed. Identifying mosquito sources early in the spring and eliminating the mosquitoes in their larval state is essential to the overall success of lowering the adult populations that will threaten communities in the summer.



## 2023/2024 TICK SURVEILLANCE

The District remains committed to lowering the risk of tick bites and tick-borne disease through public education and outreach. The District routinely conducts tick surveillance in Upper Bidwell Park and the Lake Oroville Recreation area. The tick species of highest concern to the District is the Western Black-Legged Tick (*Ixodes pacificus*), commonly referred to as the 'Deer Tick.' The heightened concern with this tick is due to its ability to transmit Lyme disease and other tick-borne illnesses. Residents are reminded that the best way to avoid getting a tick-borne illness is to ensure that you don't get bitten by a tick. A good precaution to take after visiting an area that possibly had ticks is to thoroughly check yourself, your children, and your pets for ticks. For more information on ticks, the District has informational pamphlets at buttemosquito.com or the District's main office and Chico sub-station.



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



### MOSQUITOFISH

Mosquitofish are currently available only at the District headquarters in Oroville and in Chico at the Chico sub-station. Mosquitofish may be requested over the phone (530) 533-6038 or through service requests at [www.buttemosquito.com](http://www.buttemosquito.com). Mosquitofish tanks will be deployed at a number of locations in early summer.



### DEAD BIRD HOTLINE

You can submit a dead bird report to the California Department of Public Health (CDPH) year-round using



[www.buttemosquito.com](http://www.buttemosquito.com)  
[www.westnile.ca.gov](http://www.westnile.ca.gov)  
1 - 8 7 7 - W N V - B I R D

The hotline is open from April to October, 8:00am to 4:30pm, Monday through Friday.

### 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 & Vector Control District**  
5117 Larkin Road, Oroville, CA. 95965  
Phone: (530) 533-6038, (530) 342-7350  
Fax: (530) 534-9916  
[www.buttemosquito.com](http://www.buttemosquito.com)  
"FIGHT THE BITE!"

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## EARLY MOSQUITO CONTROL MEASURES

In Butte County, grappling with early season mosquito control, managing storm drains and catch basins becomes paramount to curb mosquito breeding grounds. These drainage systems, often overlooked, can become prime breeding sites for mosquitoes due to the accumulation of stagnant water.

Regular inspections and cleanings are conducted to remove any debris or stagnant water from storm drains and catch basins. This not only prevents mosquitoes from laying eggs but also ensures smooth water flow during heavy rainfall, reducing the risk of flooding.



**"Finding mosquitoes before they become adults is vital and this program allows the specialists the ability to control early season mosquito breeding in sources that otherwise would not be seen, and effectively controlling the mosquitoes in their larval state is the most effective form of mosquito control!"**

**-Matt Ball  
District Manager**



In addition to routine maintenance, larvicide treatments are often applied to these areas. Larvicides are chemicals specifically designed to target mosquito larvae, effectively interrupting their life cycle and preventing population growth.

Furthermore, the community's involvement plays a crucial role in mosquito control efforts. Residents are encouraged to eliminate any standing water around their properties and report any drainage issues to the District promptly. By fostering a collaborative approach between local government and residents, the District can effectively mitigate the threat of mosquito-borne diseases while maintaining a clean and safe environment for all inhabitants.

The District's Mosquito and Vector Control Specialists can take these reports from the community into the field and investigate critical areas for early season mosquito breeding.

## 2024 PUBLIC EDUCATION CAMPAIGN

All of the events that the District attends have an excellent insect display, mosquitofish and mosquito larvae display, fly/mosquito swatters, tick identification cards, recyclable shopping bags, and mosquito repellent. All of which are free of charge.

The District gives classroom presentations at local schools in Butte County and include information about mosquitoes, ticks and other vector-borne public health concerns.

The District will partner with Lamar Advertising on a billboard, bus, and bus stop shelter campaign. This year's slogan is "Fight the Bite: Cover up. Repel. Eliminate". The advertisements will rotate throughout the county, May through September.

The District has contracted with Action News Now, for a 30 second mosquito awareness animated public service announcement. Also, the District will continue with its radio and print public service announcements.

Invasive *Aedes aegypti* brochures, mailers and door hangers will be distributed at public events and in the immediate vicinity of increased detections of invasive mosquitoes.



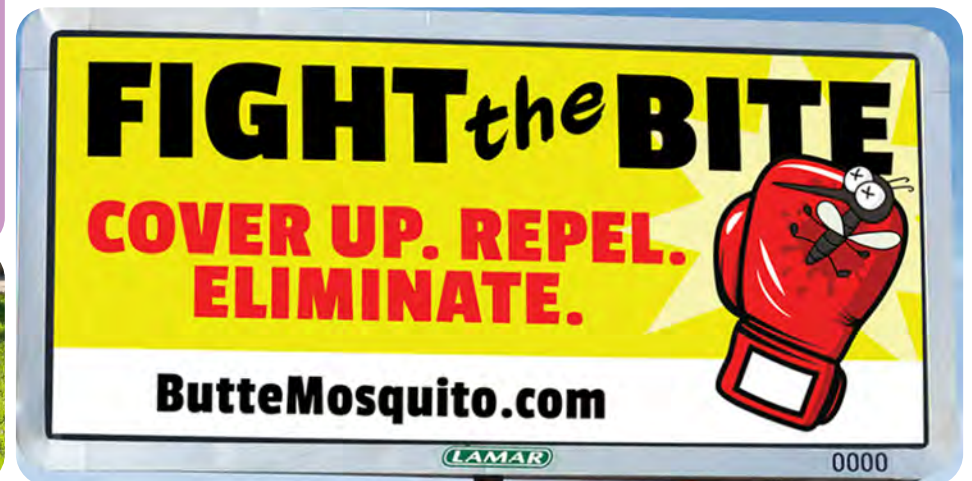
**Chico Spring Home & Garden Show** April 6<sup>th</sup> & 7<sup>th</sup>, 2024  
The largest home and garden show in the North State. Five buildings packed with vendors and outdoor displays at the Silver Dollar Fairgrounds



**Gold Nugget Craft Faire** April 27<sup>th</sup> & 28<sup>th</sup>, 2024  
Located in Terry Ashe Recreation Center in Paradise, featuring a variety of craft vendors, a parade, and an assortment of food vendors.



**Red Suspenders Day** May 18<sup>th</sup>, 2024  
A celebration of local police and firefighters held in downtown Gridley. The event includes vendors, a car show, a parade and more.



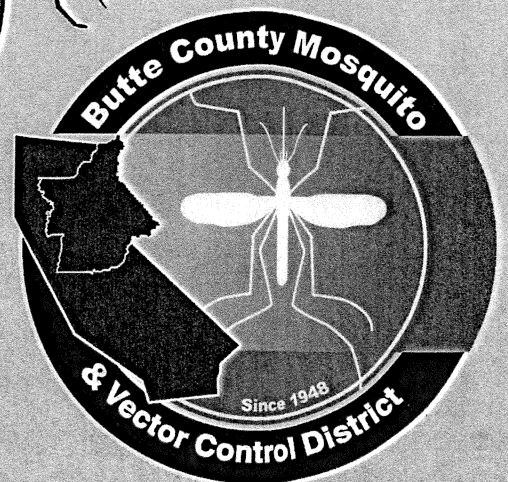
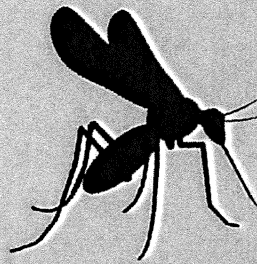
Butte County Mosquito & Vector Control District

# ANNUAL BUDGET

## FISCAL YEAR

## 2024/2025

Proposed Budget





**Butte County Mosquito and Vector Control District**  
**Proposed Budget**  
**Fiscal Year 2024/2025**  
**Combined**

	Final Budget 2019-2020	Final Budget 2020-2021	Final Budget 2021-2022	Final Budget 2022-2023	Final Budget 2023-2024	Proposed Budget 2024/2025
<b><u>SALARIES &amp; BENEFITS</u></b>						
Salaries	\$ 1,468,000	\$ 1,480,196	1,535,314	\$ 1,527,531	\$ 1,675,588	\$ 1,770,855
FICA & U I	\$ 124,000	\$ 127,429	130,471	\$ 129,111	\$ 142,122	\$ 149,358
Workers Compensation	\$ 70,000	\$ 70,000	70,000	\$ 70,000	\$ 70,000	\$ 75,000
Health Insurance	\$ 339,000	\$ 342,618	384,365	\$ 443,819	\$ 502,152	\$ 575,193
PERS	\$ 374,000	\$ 407,936	466,437	\$ 487,522	\$ 468,740	\$ 544,632
PERS- ADP	\$ -	\$ -	\$ 350,000.00	\$ 700,000.00	\$ 350,000	\$ 350,000
PERS- 115 Trust	\$ -	\$ -	\$ 150,000.00	\$ 150,000.00	\$ 150,000	\$ 150,000
<b>TOTAL</b>	<b>\$ 2,375,000</b>	<b>\$ 2,428,179</b>	<b>\$ 3,086,587</b>	<b>\$ 3,507,983</b>	<b>\$ 3,358,602</b>	<b>\$ 3,615,039</b>
<b><u>SERVICES &amp; SUPPLIES</u></b>						
Gas, Oil, & Grease	\$ 71,000	\$ 110,000	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000
Facilities Maintenance & Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Repairs & Parts-Airplane	\$ 25,000	\$ 30,000	\$ 40,500	\$ 45,000	\$ 30,000	\$ 30,000
Repairs & Parts- Vehicle & Equipm	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000	\$ 55,000	\$ 42,500
Office Supplies	\$ 20,000	\$ 20,000	\$ 20,000	\$ 25,000	\$ 15,000	\$ 20,000
Shop and PPE Supplies	\$ -	\$ -	\$ -	\$ 32,800	\$ 30,000	\$ 25,000
Education & Publicity	\$ 50,000	\$ 60,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 80,000
Pesticides	\$ 721,000	\$ 842,000	\$ 890,000	\$ 870,000	\$ 875,263	\$ 1,000,248
Tools & Equipment	\$ 20,000	\$ 40,000	\$ 40,000	\$ 70,000	\$ 40,000	\$ 42,500
Communications	\$ 30,000	\$ 35,000	\$ 35,000	\$ 34,000	\$ 35,000	\$ 25,000
Travel	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 10,000	\$ 10,000
Utilities	\$ 25,000	\$ 35,000	\$ 40,000	\$ 45,000	\$ 48,000	\$ 56,500
Rent	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,500	\$ 6,000
Special Services	\$ 137,000	\$ 140,000	\$ 150,000	\$ 160,000	\$ 170,000	\$ 150,000
Trustee Allowance	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,000	\$ 13,200	\$ 13,200
General Insurance	\$ 97,000	\$ 120,000	\$ 160,000	\$ 165,000	\$ 194,000	\$ 215,000
Employee Training, Fees, & Dues	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
District Memberships, Fees, & Due	\$ 33,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 43,000	\$ 45,000
Miscellaneous	\$ 12,500	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Laboratory Research & Supplies	\$ 40,000	\$ 50,000	\$ 60,000	\$ 60,000	\$ 50,000	\$ 53,000
IT Equipment	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	\$ 10,000
Special Discretionary	\$ 8,500	\$ 20,000	\$ 20,000	\$ 30,000	\$ 30,000	\$ 30,000
Gambusia	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 17,500
<b>TOTAL</b>	<b>\$ 1,374,200</b>	<b>\$ 1,651,200</b>	<b>\$ 1,779,700</b>	<b>\$ 1,931,000</b>	<b>\$ 1,913,963</b>	<b>\$ 2,076,448</b>
<b><u>CAPITAL OUTLAY</u></b>						
Bldg & Improvements	\$ 45,000	\$ 30,000	\$ 40,000	\$ 50,000	\$ 25,000	\$ 10,000
Vehicles	\$ 312,000	\$ 230,000	\$ 135,000	\$ 50,000	\$ 160,000	\$ 200,000
Spray Equipment	\$ 36,000	\$ 1,000	\$ 20,000	\$ 90,000	\$ -	\$ -
Aircraft	\$ 5,000	\$ 8,000	\$ 25,000	\$ 30,000	\$ 120,000	\$ 30,000
Office Equipment	\$ 1,000	\$ 6,000	\$ 2,000	\$ 2,500	\$ -	\$ 10,000
Laboratory Equipment	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500	\$ 10,000	\$ 10,000
Shop Equipment	\$ 3,000	\$ 1,000	\$ 2,000	\$ 2,500	\$ -	\$ 10,000
Education & Publicity	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500	\$ -	\$ -
Miscellaneous	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	\$ -
Communications	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 406,000</b>	<b>\$ 280,000</b>	<b>\$ 230,000</b>	<b>\$ 232,000</b>	<b>\$ 315,000</b>	<b>\$ 270,000</b>
<b>Grand Total</b>	<b>\$ 4,155,200</b>	<b>\$ 4,359,379</b>	<b>\$ 5,096,287</b>	<b>\$ 5,670,983</b>	<b>\$ 5,587,565</b>	<b>\$ 5,961,487</b>
Appropriation for Contingencies	\$ 947,550	\$ 1,089,845	\$ 1,149,072	\$ 1,317,746	\$ 1,470,641	\$ 1,469,122
Restricted - UST Fund	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Committed - Accumulated Capital O	\$ 1,900,000	\$ 2,000,000	\$ 2,000,000	\$ 2,250,000	\$ 500,000	\$ 750,000
Assigned - Accumulated Capital O	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 750,000
Committed - Aircraft Engine Fund	\$ 500,000	\$ 580,000	\$ 750,000	\$ 1,000,000	\$ 800,000	\$ 900,000
Assigned - Research Reserve	\$ 30,000	\$ 100,000	\$ 160,000	\$ 200,000	\$ 175,000	\$ 200,000
Assigned - Vector Borne Disease E	\$ 250,000	\$ 357,500	\$ 500,000	\$ 750,000	\$ 500,000	\$ 900,000
General Reserve	\$ 150,000	\$ 200,000	\$ 250,000	\$ 300,000	\$ 250,000	\$ 250,000
<b>TOTAL</b>	<b>\$ 3,782,550</b>	<b>\$ 4,332,345</b>	<b>\$ 4,814,072</b>	<b>\$ 5,822,746</b>	<b>\$ 5,200,641</b>	<b>\$ 5,224,122</b>

**Butte County Mosquito and Vector Control District**  
**Proposed Budget**  
**Fiscal Year 2024/2025**  
**Fund - 2270**

	Final Budget 2019-2020	Final Budget 2020-2021	Final Budget 2021-2022	Final Budget 2022-2023	Final Budget 2023-2024	Proposed Budget 2024/2025
<b>SALARIES &amp; BENEFITS</b>						
Salaries	\$ 1,462,500	\$ 1,474,696	\$ 1,529,814	\$ 1,522,031	\$ 1,670,088	\$ 1,765,355
Workers Compensation	\$ 124,000	\$ 127,429	\$ 130,471	\$ 129,111	\$ 142,122	\$ 149,358
FICA & U I	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 75,000
Health Insurance	\$ 339,000	\$ 342,618	\$ 384,365	\$ 443,819	\$ 502,152	\$ 575,193
PERS	\$ 374,000	\$ 407,936	\$ 466,437	\$ 487,522	\$ 468,740	\$ 544,632
PERS- ADP	\$ -	\$ -	\$ 350,000	\$ 700,000	\$ 350,000	\$ 350,000
PERS- 115 Trust	\$ -	\$ -	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000
<b>TOTAL</b>	<b>\$ 2,369,500</b>	<b>\$ 2,422,679</b>	<b>3,081,087</b>	<b>\$ 3,502,483</b>	<b>\$ 3,353,102</b>	<b>\$ 3,609,539</b>
<b>SERVICES &amp; SUPPLIES</b>						
Gas, Oil, & Grease	\$ 71,000	\$ 110,000	\$ 100,000	\$ 150,000	\$ 150,000	\$ 150,000
Facilities Maintenance & Repairs	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000
Repairs & Parts-Airplane	\$ 25,000	\$ 30,000	\$ 40,500	\$ 45,000	\$ 30,000	\$ 30,000
Repairs & Parts- Vehicle & Equipm	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000	\$ 55,000	\$ 42,500
Office Supplies	\$ 20,000	\$ 20,000	\$ 20,000	\$ 25,000	\$ 15,000	\$ 20,000
Shop and PPE Supplies	\$ -	\$ -	\$ -	\$ 32,800	\$ 30,000	\$ 25,000
Education & Publicity	\$ 50,000	\$ 60,000	\$ 70,000	\$ 70,000	\$ 75,000	\$ 80,000
Pesticides	\$ 717,500	\$ 838,500	\$ 886,500	\$ 866,000	\$ 871,163	\$ 996,148
Tools & Equipment	\$ 20,000	\$ 40,000	\$ 40,000	\$ 70,000	\$ 40,000	\$ 42,500
Communications	\$ 30,000	\$ 35,000	\$ 35,000	\$ 34,000	\$ 35,000	\$ 25,000
Travel	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000	\$ 10,000	\$ 10,000
Utilities	\$ 25,000	\$ 35,000	\$ 40,000	\$ 45,000	\$ 48,000	\$ 56,500
Rent	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,200	\$ 5,500	\$ 6,000
Special Services	\$ 137,000	\$ 140,000	\$ 150,000	\$ 160,000	\$ 170,000	\$ 150,000
Trustee Allowance	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,000	\$ 13,200	\$ 13,200
General Insurance	\$ 97,000	\$ 120,000	\$ 160,000	\$ 165,000	\$ 194,000	\$ 215,000
Employee Training, Fees, & Dues	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
District Memberships, Fees, & Dues	\$ 33,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 43,000	\$ 45,000
Miscellaneous	\$ 12,500	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000
Laboratory Research & Supplies	\$ 40,000	\$ 50,000	\$ 60,000	\$ 60,000	\$ 50,000	\$ 53,000
IT Equipment	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	\$ 10,000
Special Discretionary	\$ 8,500	\$ 20,000	\$ 20,000	\$ 30,000	\$ 30,000	\$ 30,000
Gambusia	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 15,000	\$ 17,500
<b>TOTAL</b>	<b>\$ 1,370,700</b>	<b>\$ 1,647,700</b>	<b>\$ 1,776,200</b>	<b>\$ 1,927,000</b>	<b>\$ 1,909,863</b>	<b>\$ 2,072,348</b>
<b>CAPITAL OUTLAY</b>						
Building & Improvements	\$ 45,000	\$ 30,000	\$ 40,000	\$ 50,000	\$ 25,000	\$ 10,000
Vehicles	\$ 312,000	\$ 230,000	\$ 135,000	\$ 50,000	\$ 160,000	\$ 200,000
Spray Equipment	\$ 36,000	\$ 1,000	\$ 20,000	\$ 90,000	\$ -	\$ -
Aircraft	\$ 5,000	\$ 8,000	\$ 25,000	\$ 30,000	\$ 120,000	\$ 30,000
Office Equipment	\$ 1,000	\$ 6,000	\$ 2,000	\$ 2,500	\$ -	\$ 10,000
Laboratory Equipment	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500	\$ 10,000	\$ 10,000
Shop Equipment	\$ 3,000	\$ 1,000	\$ 2,000	\$ 2,500	\$ -	\$ 10,000
Education & Publicity	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500	\$ -	\$ -
Miscellaneous	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	\$ -
Communications	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ -	\$ -
<b>TOTAL</b>	<b>\$ 406,000</b>	<b>\$ 280,000</b>	<b>\$ 230,000</b>	<b>\$ 232,000</b>	<b>\$ 315,000</b>	<b>\$ 270,000</b>
<b>Grand Total</b>	<b>\$ 4,146,200</b>	<b>\$ 4,350,379</b>	<b>\$ 5,087,287</b>	<b>\$ 5,661,483</b>	<b>\$ 5,577,965</b>	<b>\$ 5,951,887</b>
Appropriation for Contingencies	\$ 945,300	\$ 1,087,595	\$ 1,146,822	\$ 1,315,371	\$ 1,468,241	\$ 1,466,722
Restricted - UST Fund	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Committed - Accumulated Capital C	\$ 1,900,000	\$ 2,000,000	\$ 2,000,000	\$ 2,250,000	\$ 500,000	\$ 750,000
Assigned - Accumulated Capital Ou	\$ -	\$ -	\$ -	\$ -	\$ 1,500,000	\$ 750,000
Committed - Aircraft Engine Fund	\$ 500,000	\$ 580,000	\$ 750,000	\$ 1,000,000	\$ 800,000	\$ 900,000
Assigned - Research Reserve	\$ 30,000	\$ 100,000	\$ 160,000	\$ 200,000	\$ 175,000	\$ 200,000
Assigned - Vector Borne Disease E	\$ 242,500	\$ 350,000	\$ 492,500	\$ 740,000	\$ 490,000	\$ 890,000
General Reserve	\$ 150,000	\$ 200,000	\$ 250,000	\$ 300,000	\$ 250,000	\$ 250,000
<b>TOTAL</b>	<b>\$ 3,772,800</b>	<b>\$ 4,322,595</b>	<b>\$ 4,804,322</b>	<b>\$ 5,810,371</b>	<b>\$ 5,188,241</b>	<b>\$ 5,211,722</b>

**Hamilton City Benefit Assessment Area  
Proposed Budget  
Fiscal Year 2024/2025  
Fund - 2272**

	Final Budget 2019-2020	Final Budget 2020-2021	Final Budget 2021-2022	Final Budget 2022-2023	Final Budget 2023-2024	Proposed 2024/2025
Salaries & Benefits	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500
Services & Supplies	\$ 3,500	\$ 3,500	\$ 3,500	\$ 4,000	\$ 4,100	\$ 4,100
	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,500	\$ 9,600	\$ 9,600
Appropriation for Contingency	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,375	\$ 2,400	\$ 2,400
Assigned Vector Borne Disease	\$ 7,500	\$ 7,500	\$ 7,500	\$ 10,000	\$ 10,000	\$ 10,000
General Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

Date

Name

Address

City, State, Zip

***Re: Organic Crop/Field Mosquito Control***

Dear Name,

The Butte County Mosquito and Vector Control District (District) will once again be providing organic rice growers with a memorandum of understanding (M.O.U.) authorizing organically compatible mosquito control practices to organic field(s). As background, growers should understand that the arrival and spread of the mosquito transmitted West Nile virus (WNV) disease in California, as well as, other mosquito borne diseases requires that the District take all feasible steps to control mosquito breeding in all potential sources, including mosquito-breeding areas that are within organic farming operations.

The District normally uses a biological insecticide (*Bacillus thuriengensis israelensis* [BTI]) with the trade name Vectobac 12AS to control aquatic stages of mosquitoes in rice. While it is a biological agent, the District has been advised by some growers that this product may not be an approved pest control product for use on organic crops. There are mosquito control products available which are Organic Materials Review Institute (OMRI) or National Organic Program (NOP) listed for use in certified organic production, have been approved for use by California Certified Organic Farmers (CCOF), and contains the same active ingredient as the VectoBac 12AS. These products are significantly more expensive than what the District can afford with its limited budget. The District also cannot ignore its public health responsibilities to control mosquitoes, particularly as the risk of mosquito transmitted disease increases.

Some organic growers have requested the Districts cooperation in solving this problem by endorsing a M.O.U. in which the organic grower agrees to one of the following;

- Request the District treat mosquitoes in the organic field(s) with VectoBac 12AS as is routinely done in nonorganic rice production areas at no expense to the grower.
- Request the District to treat mosquitoes in the organic field(s) with VectoBac GR which is NOP listed for organic crop production, has been approved for use in organic fields by California Certified Organic Farmers (CCOF), and reimburse the District for the additional costs of using VectoBac GR over the cost of using VectoBac 12AS.

- Drain the field of all standing water to remove all larvae.
- Refuse or do not respond to the M.O.U. and be subject to the District Board of Trustees serving an abatement order against the organic farm and be subject to fines of up to \$1,000. per day.

The District will abide by an executed M.O.U. to use OMRI or NOP listed and CCOF approved materials, for organic farms. The organic grower must contact his/her certifying agent (if different than CCOF) for approval and agrees to reimburse the District for the cost difference between conventionally applied material and the OMRI / NOP listed and CCOF approved material.

Given that the use of this organic land could produce mosquitoes that must be controlled, it is highly likely that the District will have to engage in mosquito control activities on the property. As the grower, please fill out and return the enclosed M.O.U. and **a map of your organic field(s)** with the preferred mosquito control method signified. This will allow the District to make required mosquito control applications without affecting the organic farming operation(s). Failure to return the enclosed M.O.U. with the organic growers desired mosquito control method will subject the grower to the District Board of Trustees serving an abatement order against the grower and be subject to fines of up to \$1,000.00 per day should mosquitoes be present within the organic field(s). Abatement proceedings will be conducted in accordance of the California Health and Safety Code, Section 2061.

The District is also asking that ALL rice farmers not re-flood their fields for straw decomposition or other uses until the **second Saturday in October**. Growers that do not comply with this request will be billed for the full costs of mosquito control, if the fields are larger than three acres in size and produce three or more mosquito larvae per dip.

The District understands and supports the need/desire to grow organic crops. The District will continue to avoid spraying organic crops with pesticides not approved by CCOF. Organic crops are mapped, identified, and located on the District's ArcGIS mapping system. From these maps exclusion zones are created so all other applications made by the District exclude these organic commodities.

Please contact me if you have questions or require further information.

Respectfully,

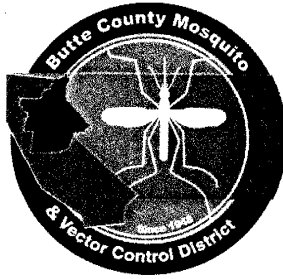
Matthew C. Ball  
District Manager

Enclosure

Cc: Danette York, M.P.H, Butte County Public Health Director  
Louie Mendoza, Butte County Agriculture Commissioner  
Dustin Harrell, California Cooperative Rice Research Foundation  
Carl Hoff, Butte County Rice Growers Association



# MOSQUITO CONTROL TO ORGANIC CROPS



Return by Hand, or Mail to:

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

## 2024 MEMORANDUM OF UNDERSTANDING

Grower(s) Name: \_\_\_\_\_ Contact Phone Number: \_\_\_\_\_

Grower(s) Mailing Address: \_\_\_\_\_

Farm / Ranch Name: \_\_\_\_\_

Description of the location of the organic field(s): \_\_\_\_\_

### This Memorandum of Understanding (MOU) is valid for 2024.

The purpose of this MOU is to promote a mutually beneficial and cooperative working relationship between Butte County Mosquito and Vector Control District and \_\_\_\_\_ Farms/Ranch (name).

This M.O.U. recognizes that organic rice farmers have restrictions regarding which materials are registered for use on organic crops and the need to use organically registered materials on those crops.

## DISTRICT RESPONSIBILITIES

### **Butte County Mosquito and Vector Control District WILL:**

1. Identify the location of the organic field(s) of the grower named above.
2. Monitor the organic field(s) consistent with other fields in that location and commodity.
3. If needed, notify the grower as to the need to make an application and then make an application to the field for mosquitoes using the "GROWERS" chosen product, either VectoBac 12AS or VectoBac GR.
4. Clean the application equipment and document the cleaning annually or as needed prior to the application of the organic field(s).
5. If VectoBac GR is chosen by the GROWER, invoice \_\_\_\_\_ Farms/Ranch/Grower  
(name)  
for the additional expense of using VectoBac GR instead of VectoBac 12AS on the organic field(s) (invoice not to exceed \$26.82 per acre for an application for the 2024 calendar year. A copy of the cleaning log can be requested and included with the invoice).
6. Continue to avoid spraying organic crops with pesticides not approved by CCOF.

## ORGANIC GROWER RESPONSIBILITIES

Grower WILL:

\_\_\_\_\_  
(grower name)

1. Notify Butte County Mosquito and Vector Control District as to the location of the organic field(s).
2. Supply the Butte County Mosquito and Vector Control District with a map(s) of the organic field(s).
3. Allow regular access to District personnel for monitoring the detection and presence of mosquitoes in the organic field(s).
4. Provide notification prior to draining the field(s) for aquatic weed control (so that Butte County Mosquito and Vector Control District avoids planting mosquitofish and/or making an application to a field unnecessarily).
5. Notify the Butte County Mosquito and Vector Control District prior to re-flooding / re-filling the field(s) after a dry down period so the District can provide surveillance and possible control of floodwater mosquitoes.
6. Choose **ONE** of the following mosquito control methods listed below: (initial the desired box)

**A.** Choose VectoBac GR, after checking with the organic grower's certifying agent (if different than CCOF) for approval for the use of NOP listed and CCOF approved VectoBac GR on the organic field(s), and reimburse the Butte County Mosquito and Vector Control District for the additional expense of using VectoBac GR instead of VectoBac 12AS on the organic field(s) larger than three acres in size and producing three or more larvae per dip. Payment not to exceed \$26.82 per acre, per application for the 2024 calendar year.

**B.** Choose VectoBac 12AS (not OMRI nor NOP listed) for the Butte County Mosquito and Vector Control District on organic field(s) at no charge as is done on non-organic rice fields.

**C.** Choose to drain all standing water from the organic field(s) when the Butte County Mosquito and Vector Control District detects the presence of immature mosquitoes (larvae) prior to the larvae emerging to adults mosquitoes.

**D.** Choose to not authorize the Butte County Mosquito and Vector Control District to make applications using VectoBac GR or VectoBac 12AS and be subject to an abatement order served against the organic grower of the field(s) by the Butte County Mosquito and Vector Control District Board of Trustees, if the field(s) breed(s) mosquitoes at three per dip on three or more acres. Abatement proceeding will be in accordance with the California Health and Safety Code, Section 2061.

**ORGANIC GROWER**

**DISTRICT MANAGER**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

Please return this signed M.O.U. by **June 3, 2024**. **FAILURE TO RETURN**

**THIS SIGNED M.O.U. WITH THE ORGANIC GROWER'S DESIRED MOSQUITO CONTROL METHOD WILL AUTOMATICALLY INVOKE OPTION "D" AS YOUR CHOICE.**

Date

Property Owner  
Street Address  
City, State, Zip

**Re: Post Harvest Rice Re-Flooding**

Dear Rice Grower / Property Owner:

The Butte County Mosquito and Vector Control District (District) again asks for your assistance in reducing the public health threat of West Nile virus (WNV) to residents of Butte County by not re-flooding harvested rice fields until after the **second Saturday in October**.

Since the arrival of WNV in Butte County in 2004, 287 county residents have become ill with the virus and 10 have lost their lives. For the past 5 years, Butte County has exhibited significantly higher WNV human infections per capita than most counties in California. Again this year, WNV has already been identified in Butte County in humans, birds, mosquitoes, and sentinel chickens. Your cooperation by not re-flooding your harvested rice fields until after the second Saturday in October will prevent an initial hatch of floodwater mosquitoes when the water is first applied and will also prevent multiple hatches of standing-water mosquitoes on the flooded fields. The standing-water mosquitoes are known as *Culex tarsalis*. This mosquito is capable of yielding a brood of offspring every seven to ten days and is one of Butte County's most efficient vectors of WNV. Past experience has demonstrated that normally by the second Saturday in October the weather has turned cool enough to reduce mosquito-breeding thereby reducing the public health threat and data suggests that WNV activity has substantially decreased by this time of the year.

The District will provide mosquito control to re-flooded rice fields for any rice grower / property owner who decides to re-flood the fields before the second Saturday in October. If a re-flooded rice field requires mosquito control prior to the second Saturday in October, the rice grower / property owner will be subject to control costs if the mosquito threshold of three or more larvae per dip is met and the field is three acres or more in size. The costs for each application to conventional rice fields will be \$7.63 to \$9.80 per acre (depending on application rate and field conditions) and for organic rice fields \$29.54 to \$37.81 per acre. Organic rice field applications are of higher costs due to the associated costs of pesticides registered for use on such fields.

The District is working hard to suppress the current public health epidemic of WNV and is hopeful that with cooperation from the agricultural community the number of human cases can be minimized.

Respectfully,

Matthew C. Ball

Cc: Danette York, M.P.H, Butte County Public Health Director  
Louie Mendoza, Butte County Agriculture Commissioner  
Dustin Harrell, California Cooperative Rice Research Foundation  
Carl Hoff, Butte County Rice Growers Association

LANDOWNER/MANAGER

Date

Name

Street Address

City, State Zip Code

**Re: Aggressive Mosquito Control Program on Lands that Exceed Three Acres**

Dear Name:

This letter is to inform you that the Butte County Mosquito and Vector Control District (District) has an aggressive mosquito abatement program on properties that are three acres or larger in size and produce three or more mosquito larvae per dip. This program was implemented by the District beginning in 2002 in order to provide relief from the extraordinary numbers of mosquitoes that have plagued residents in recent years and reduce the threat of mosquito transmitted viruses.

Large populations of mosquitoes pose a serious public health risk to people, livestock and wildlife due to their ability to transmit western equine encephalitis (WEE), St. Louis encephalitis (SLE), and West Nile virus (WNV). These diseases can cause a detrimental effect on humans, horses and birds, causing severe health effects sometimes including death.

The cooperation of property owners allows the District's abatement program to be a success by either eliminating summer and early fall repetitious flooding of managed wetlands, substituting permanent wetlands for seasonally flooded wetlands, and/or reimbursing the District for its cost of controlling extraordinary numbers of mosquitoes on the land(s) producing the mosquitoes. This was accomplished largely without the need for formal abatement proceedings.

Adult and larval mosquito control surveillance data collected during this last season and at the present continues to confirm that periodically flooded managed wetlands and/or waterfowl habitat creates conditions that are conducive to the breeding of excessive populations of floodwater mosquitoes. The numbers of larvae observed far exceed, in some cases by factors of 100 or more, the numbers of larvae existing in permanent ponds and neighboring agricultural operations.

Now that the mosquito-breeding season has commenced, the District is requesting your support and cooperation in fighting these serious public health concerns. The District encourages you to use wetland design and water management methods that prevent the production of large populations of mosquitoes on your property. District staff are available to meet with you to discuss Best Management Practices to reduce mosquitoes. The District also has a Best Management Practices to Reduce Mosquito Manual available on request and/or online at [www.buttemosquito.com](http://www.buttemosquito.com)

If control with larvicide or other materials is necessary, the District will undertake such measures but must recover the cost of mosquito control from the owners of parcels of three acres or larger that produces excessive populations of mosquitoes (three or more larvae per dip). The cost for control products and application expense will now be capped at \$47.83 per flooded acre for each flooding event (not including a surveillance fee). **A cost of \$3 per flooded acre will be added if the District is not notified at least 24 hours BEFORE the beginning of a field being flooded / irrigated.** Such notification reduces the District's cost of surveillance and this savings is passed on to the landowner. **If the District is closed during your notification call, you must leave a message with the date and time on the District's answering machine.** **Failure to do so will result in the \$3 per acre surveillance charge being added to your bill.** This cost may increase in the future should participation in the notification process not be followed.

Mosquito control applications made by the District using Vectobac G granules will be made at label application rates costing between \$28.08 to \$41.72 per acre depending on field conditions, larval populations, and the rate used. Applications made by the District using Altosid SBG II granules will be made at label application rates costing between \$36.04 to \$47.83 depending on field conditions, larval populations, and rate used. Applications made by the District using Vectobac GR granules will be made at label application rates costing between \$29.57 to \$47.83 depending on field conditions, larval populations, and rate used. Applications made by the District using VectoPrime FG granules will be made at label application rates costing between \$39.93 to \$47.83 depending on field conditions, larval populations, and rate used. The District reserves the right to use any product needed for maximum efficacy.

There are different application rates due to several factors. Application sites (flooded fields/managed wetlands) with deep water, high organic material, poor water quality, large amounts of emerging vegetation, lots of over story (canopy coverage), and high populations of mosquito larva requires higher application rates. Fields with little to no emergent and/or floating vegetation, shallow, clear waters, and lower mosquito larvae counts will result in a lower application rate. The determined rate and formulation used is on a site by site and case by case basis.

The District asks for your cooperation in helping to reduce the prevalence of this public health pest on your property, if identified. Once mosquito-breeding season begins, there is little time to control these pests and pursue the necessary legal steps required for formal abatement. Therefore, the District must confirm now that a voluntary compliance program will be in place for those lands on which abatement may be required, so the District can take immediate action to control the pests. Flooded properties will be subject to the 100% mosquito abatement costs if flooded prior to the **2<sup>nd</sup> Saturday in October**, but subject to no mosquito abatement costs after the 2<sup>nd</sup> Saturday in October and before the **1<sup>st</sup> Saturday in April** of the following year.

Therefore, your execution of enclosed Memorandum of Understanding (MOU), expressing your agreement to continue the District's voluntary/cooperative program which began in 2002 is requested. The District respectfully requests that you return an executed copy of the MOU within thirty (30) days to confirm the agreement regarding the District's control program. The District will proceed on the basis of that written agreement, without further formalities, and work cooperatively with you. Additionally, the District is available to you at any time to recommend best management practices to reduce mosquito populations.

The District prefers to work in cooperation with all landowners. If the District receives no response confirming a cooperative agreement for the 2024 year, and a public nuisance is found to exist (mosquito larvae and/or pupae), the District will have no choice but to proceed with a formal abatement action for those lands where a public nuisance has been identified. Needless to say, this is not the preferred process.

Please contact the District at (530) 533-6038 or (530) 342-7350 if you have questions or need additional information on the nature of the problem and what you can do to reduce the mosquito-breeding on your property.

Respectfully,

Matthew C. Ball  
District Manager

## REMINDER LETTER

Date

Name:

Street Address:

City, State, Zip

**Re: Aggressive Mosquito Control Program on Lands That Exceed Three Acres**

Dear Name,

The Butte County Mosquito and Vector Control District (District) will be continuing its aggressive mosquito abatement program this year on properties that are three acres or larger in size and produce three or more mosquito larvae per dip. This program was implemented by the District beginning in 2002 in order to provide relief from the extraordinary numbers of mosquitoes that had plagued residents in recent years and reduce the threat of mosquito transmitted viruses. In 2005, the larval threshold was lowered from five to three larvae per dip in order to further reduce mosquito populations in response to the elevated public health risk from West Nile virus (WNV).

Per District policy, properties that exceed the threshold of (3) larvae per dip and are at least (3) acres in size or larger are not subject to abatement reimbursement costs if the nuisance exists between the **2nd Saturday in October** and the **1st Saturday in April** of the following year.

Large populations of mosquitoes pose a serious public health risk to people, livestock and wildlife due to their ability to transmit western equine encephalitis (WEE), St. Louis encephalitis (SLE), and WNV. These diseases can cause a detrimental effect on humans, horses, and birds, causing severe health effects sometimes including death.

The cooperation of property owners allows the District's abatement program to be a success by either eliminating summer and early fall repetitious flooding of managed wetlands, substituting permanent wetlands for seasonally flooded wetlands, and/or reimbursing the District for its cost of controlling extraordinary numbers of mosquitoes on the land(s) producing the mosquitoes. This was accomplished largely without the need for formal abatement proceedings.

Adult and larval mosquito surveillance data collected during this last season and at the present continues to confirm that periodically flooded managed wetlands and/or waterfowl habitat creates conditions that are conducive to the breeding of excessive numbers of floodwater mosquitoes. The numbers of larvae observed far exceed, in some cases by factors of 100 or more, the numbers of larvae existing in permanent ponds and neighboring agricultural operations.

Now that the mosquito-breeding season has commenced, the District is again requesting your support and cooperation in fighting these serious public health concerns. The District encourages you to use wetland design and water management methods that prevent the production of large populations of mosquitoes on your property. District staff are available to meet with you to discuss Best Management Practices to reduce mosquitoes. The District also has a Best Management Practices to Reduce Mosquito Manual available on request and/or online at [www.buttemosquito.com](http://www.buttemosquito.com).

If control with larvicide or other materials is necessary, the District will undertake such measures but must recover the cost of mosquito control from the owners of parcels of three acres or larger that produces excessive populations of mosquitoes (three or more larvae per dip). The cost for control products and application expense will now be capped at \$47.83 per flooded acre for each flooding event (not including a surveillance fee). **A cost of \$3 per flooded acre will be added if the District is not notified at least 24 hours BEFORE the beginning of a field being flooded / irrigated.** Such notification reduces the District's cost of surveillance and this savings is passed on to the landowner. **If the District is closed during your notification call, you must leave a message with the date and time on the District's answering machine. Failure to do so will result in the \$3 per acre surveillance charge being added to your bill.** This cost may increase in the future should participation in the notification process not be followed.

Mosquito control applications made by the District using Vectobac G granules will be made at label application rates costing between \$28.08 to \$41.72 per acre depending on field conditions, larval populations, and the rate used. Applications made by the District using Altosid SBG II granules will be made at label application rates costing between \$36.04 to \$47.83 depending on field conditions, larval populations, and rate used. Applications made by the District using VectoPrime FG granules will be made at label application rates costing between \$39.93 and \$47.83. Applications made by the District using Vectobac GR granules will be made at label application rates costing between \$29.57 to \$47.83 depending on field conditions, larval populations, and rate used. The District reserves the right to use any product needed for maximum efficacy.

There are different application rates due to several factors. Application sites (flooded fields/managed wetlands) with deep water, high organic material, poor water quality, large amounts of emerging vegetation, lots of over story (canopy coverage), and high populations of mosquito larva requires higher application rates. Fields with little to no emergent and/or floating vegetation, shallow, clear waters, and lower mosquito larvae counts will result in a lower application rate. The determined rate and formulation used is on a site by site and case by case basis.

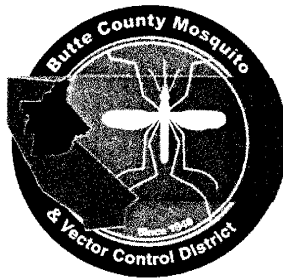
Since the arrival of WNV in 2004, 287 Butte County residents have been infected and 10 of those have died. It is more important than ever that we continue to work together to reduce this serious public health threat that could materialize on your property, and to reduce the populations of these nuisance pests.

If you have any questions or would like recommendations on best management practices to reduce mosquito-breeding please call 530-533-6038 or 530-342-7350.

Respectfully,

Matthew C. Ball  
District Manager

# AGGRESSIVE MOSQUITO CONTROL PROGRAM



Return by Hand, or Mail to:

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

## 2024 MEMORANDUM OF UNDERSTANDING

Land Owner Name: \_\_\_\_\_ Contact Phone Number: \_\_\_\_\_

Land Owner Mailing Address: \_\_\_\_\_

Property Name (if applicable): \_\_\_\_\_

Parcel Number(s) (if applicable): \_\_\_\_\_

Description of the location of the land: \_\_\_\_\_

### This Memorandum of Understanding (MOU) is valid for 2024.

The purpose of this MOU is to promote a mutually beneficial and cooperative working relationship between Butte County Mosquito and Vector Control District and \_\_\_\_\_  
(property owner name)

### Terms of MOU:

1. I/we understand that properties of three acres or larger in size and that holds water for longer than 72 hours is subject to mosquito-breeding;
2. I/we agree to allow the Butte County Mosquito and Vector Control District access to the property identified above, to conduct mosquito surveillance;
3. I/we understand that failing to notify the District at least twenty-four (24) hours prior to an irrigation and/or flood event, that I/we will be charged \$3.00 per flooded acre for surveillance (which will be added to application invoice);
4. I/we understand that the cost for control products and application expenses will be capped at \$47.83 per flooded acre for each irrigation/flood event for 2024 (if Term #3 is failed, an additional \$3.00 per acre will be added).
5. I/we agree to reimburse the District within thirty (30) days of the invoicing for control and any applicable surveillance costs.
6. I/we understand that if the District receives no response confirming agreement with this MOU for the 2024 year, and a public nuisance is found to exist (mosquito larvae and/or pupae), the District will proceed with formal abatement action for those lands where a public nuisance has been identified.



## 2024 MEMORANDUM OF UNDERSTANDING

The undersigned, Owner(s) of the land referred to above, or a party authorized to execute this MOU on behalf of the Owner, hereby consents to the Butte County Mosquito and Vector Control District (District) undertaking necessary mosquito larvae surveillance and control measures on the parcel(s) referenced above during the 2024 mosquito season, and I/we agree to reimburse the District within thirty (30) days of the invoicing for surveillance and control costs, under the terms set forth above. I/we understand that this voluntary agreement (MOU) is in lieu of the District's undertaking of formal abatement proceedings for control of a public nuisance and public health threat on the parcel(s) referenced above.

Signed: \_\_\_\_\_  
*Owner*

Signed: \_\_\_\_\_  
*Owner*

Dated: \_\_\_\_\_

Dated: \_\_\_\_\_

### District Application Rates and Costs for 2024

<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Application Rate</th> <th style="text-align: left;">Cost Per Acre</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>Vectobac G</b></td> </tr> <tr> <td>6lbs/acre</td> <td>\$28.08</td> </tr> <tr> <td>7lbs/acre</td> <td>\$30.03</td> </tr> <tr> <td>8lbs/acre</td> <td>\$31.98</td> </tr> <tr> <td>9lbs/acre</td> <td>\$33.93</td> </tr> <tr> <td>10lbs/acre</td> <td>\$35.88</td> </tr> <tr> <td>11lbs/acre</td> <td>\$37.82</td> </tr> <tr> <td>12lbs/acre</td> <td>\$39.77</td> </tr> <tr> <td>13lbs/acre</td> <td>\$41.72</td> </tr> <tr> <td colspan="2"><b>VectoPrime FG</b></td> </tr> <tr> <td>5lbs/acre</td> <td>\$39.93</td> </tr> <tr> <td>6lbs/acre</td> <td>\$44.64</td> </tr> <tr> <td>7lbs/acre</td> <td>Capped amount \$47.83</td> </tr> <tr> <td>8lbs/acre</td> <td>Capped amount \$47.83</td> </tr> </tbody> </table>	Application Rate	Cost Per Acre	<b>Vectobac G</b>		6lbs/acre	\$28.08	7lbs/acre	\$30.03	8lbs/acre	\$31.98	9lbs/acre	\$33.93	10lbs/acre	\$35.88	11lbs/acre	\$37.82	12lbs/acre	\$39.77	13lbs/acre	\$41.72	<b>VectoPrime FG</b>		5lbs/acre	\$39.93	6lbs/acre	\$44.64	7lbs/acre	Capped amount \$47.83	8lbs/acre	Capped amount \$47.83	<table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left;">Application Rate</th> <th style="text-align: left;">Cost Per Acre</th> </tr> </thead> <tbody> <tr> <td colspan="2"><b>Altosid SBG II</b></td> </tr> <tr> <td>5lbs/acre</td> <td>\$36.04</td> </tr> <tr> <td>6lbs/acre</td> <td>\$36.97</td> </tr> <tr> <td>7lbs/acre</td> <td>\$43.90</td> </tr> <tr> <td>8lbs/acre</td> <td>Capped amount \$47.83</td> </tr> <tr> <td colspan="2"><b>Vectobac GR</b></td> </tr> <tr> <td>6lbs/acre</td> <td>\$29.57</td> </tr> <tr> <td>7lbs/acre</td> <td>\$31.77</td> </tr> <tr> <td>8lbs/acre</td> <td>\$33.97</td> </tr> <tr> <td>9lbs/acre</td> <td>\$36.17</td> </tr> <tr> <td>10lbs/acre</td> <td>\$38.36</td> </tr> <tr> <td>11lbs/acre</td> <td>\$40.56</td> </tr> <tr> <td>12lbs/acre</td> <td>\$42.76</td> </tr> <tr> <td>13lbs/acre</td> <td>\$44.96</td> </tr> <tr> <td>14lbs/acre</td> <td>\$47.15</td> </tr> <tr> <td>15lbs/acre</td> <td>Capped amount \$47.83</td> </tr> </tbody> </table>	Application Rate	Cost Per Acre	<b>Altosid SBG II</b>		5lbs/acre	\$36.04	6lbs/acre	\$36.97	7lbs/acre	\$43.90	8lbs/acre	Capped amount \$47.83	<b>Vectobac GR</b>		6lbs/acre	\$29.57	7lbs/acre	\$31.77	8lbs/acre	\$33.97	9lbs/acre	\$36.17	10lbs/acre	\$38.36	11lbs/acre	\$40.56	12lbs/acre	\$42.76	13lbs/acre	\$44.96	14lbs/acre	\$47.15	15lbs/acre	Capped amount \$47.83
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# COVID-19 PREVENTION PROGRAM (CPP)

## Non-Emergency Standard



Butte County Mosquito and  
Vector Control District  
5117 Larkin Road,  
Oroville, CA 95965  
530-533-6038  
Fax 530-534-9916

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This CPP is designed to control employees' exposures to the SARS-CoV-2 virus (severe acute respiratory syndrome coronavirus 2) that causes COVID-19 (Coronavirus Disease 2019) that may occur in Butte County Mosquito and Vector Control District's (District) workplace.

**Date:** 3/27/24

### Section I. Safety Committee Members

1. Assistant Manager – Safety Committee Chair
2. Oroville Regional Supervisor – Safety Officer
3. Chico Representative – Safety Committee Member
4. Laboratory Representative – Safety Committee Secretary
5. Mosquito and Vector Control Specialist – Safety Committee Member

### Section II. Authority and Responsibility

The District's Safety Committee Members are persons who have authority and responsibility for implementing the provisions of this CPP in the workplace. In addition, all department heads, managers, and supervisors are responsible for implementing and maintaining the CPP in their assigned work areas and for ensuring employees receive answers to questions about the program in a language they understand.

All employees are responsible for using safe work practices, following all directives, policies, and procedures, and assisting in maintaining a safe work environment.

### Section III. Application of the Butte County Mosquito and Vector Control District Injury & Illness Prevention Program (IIPP)

COVID-19 is a recognized hazard in the District's workplace that is addressed through the IIPP, which will be effectively implemented and maintained through this process.

When determining measures to prevent COVID-19 transmission and identifying and correcting COVID-19 hazards in the workplace, the District will utilize the following:

1. All persons in the workplace are treated as potentially infectious, regardless of symptoms, vaccination status, or negative COVID-19 test results.
2. COVID-19 is treated as an airborne infectious disease. Applicable State of California and Butte County Health Department orders and guidance will be reviewed when determining measures to prevent transmission and identifying and correcting COVID-19 hazards. COVID-19 prevention

controls include:

- A. Remote work- if able to complete duties essential to the District from home/upon approval of management.
- B. Physical distancing.
- C. Reducing population density indoors.
- D. Moving indoor tasks outside.
- E. Implementing separate shifts and/or break times.
- F. Restricting access to work areas.
- G. Utilization of PPE.
- H. Practicing good respiratory etiquette, including covering coughs and sneezes.
- I. Frequently wash your hands with soap and water for at least 20 seconds.

#### **Section IV. COVID-19 Training and Instruction**

The District will provide effective COVID-19 training and instruction. Training and instruction on COVID-19 prevention is provided:

1. When this CPP was first established.
2. To new employees.
3. To employees given a new job assignment involving COVID-19 hazards and they have not been previously trained.
4. Whenever new COVID-19 hazards are introduced.
5. When the District is made aware of new or previously unrecognized COVID-19 hazards.
6. For supervisors to familiarize themselves with the COVID-19 hazards to which employees under their immediate direction and control may be exposed.
7. To employees on the proper reporting procedures for COVID-19 cases.

Appendix A "COVID-19 Training Roster" will be used to document this training.

#### **Section V. Investigating and Responding to COVID-19 Cases**

The District will investigate COVID-19 illness at the workplace and determine the day and time a COVID-19 case was last present and to the extent possible, the date of the positive COVID-19 test(s) and/or diagnosis, and the date the COVID-19 case first had one or more COVID-19 symptoms, if any were experienced. Appendix B "Investigating COVID-19 Cases" will be used to document this information.

Effective procedures for responding to COVID-19 cases at the workplace include:

1. "Infectious period" for the purpose of cases the Cal/OSHA COVID-19 Prevention Non-Emergency Standards, is now defined as:
  - A. For COVID-19 cases with symptoms, it is a minimum of 24 hours from the day of symptom onset:
    - a. COVID-19 cases may return if 24 hours have passed with no fever, without the use of fever-reducing medications, AND
    - b. Their symptoms are mild and improving.
  - B. For COVID-19 cases with no symptoms, there is no infectious period for the purpose of isolation or exclusion. If symptoms develop, the criteria above will apply.

Employees are encouraged to report COVID-19 symptoms and to stay home when ill. If you think you may have COVID-19 symptoms, tell your supervisor and stay home from work.

## **Section VI. Isolation/Quarantine/Exclusion Guidance**

1. If an order to isolate, quarantine, or exclude an employee is issued by a local or state health official, the employee will not return to work until the period of isolation or quarantine is completed or the order is lifted.
2. If removal of an employee would create undue risk to a community's health, the District may submit a request for a waiver to Cal/OSHA in writing to [rs@dir.ca.gov](mailto:rs@dir.ca.gov) to allow employees to return to work if it does not violate local or state health official orders for isolation, quarantine, or exclusion. In such cases, the employee will follow the above COVID-19 prevention control as necessary. If isolation is not feasible, the use of respirators will be utilized in the workplace.
3. Upon excluding an employee from the workplace based on COVID-19 or close contact, the District will provide excluded employees information regarding COVID-19-related benefits to which the employee may be entitled under applicable federal, state, or local laws. This includes any benefits available under legally mandated sick leave, workers' compensation law, local governmental requirements, and the District's leave policies and leave guaranteed by contract. Management will communicate with excluded employees to provide COVID-19 related benefits as available by leave or statute. At the time of this writing statutory, COVID-19 specific leaves have expired.

## **Section VII. Close Contacts**

The following effective policies will be developed, implemented, and maintained to prevent transmission of COVID-19 by persons who had close contacts.

1. The District will review current California Department of Public Health (CDPH) guidance for persons who had close contacts, including any guidance regarding quarantine or other measures to reduce transmission.
2. Employees who had potential COVID-19 exposure in the workplace will be:
  - A. Informed of their possible exposure to COVID-19 in the workplace while maintaining confidentiality.
  - B. Offered COVID-19 testing through their health provider or if not covered by insurance offered testing through another provider at no cost during their working hours.
  - C. Provided information on benefits as outlined in the Training and Instruction section.

## **Section VIII. Testing of Close Contacts**

COVID-19 tests are available at no cost, during paid time, to all District employees who had a close contact in the workplace.

## **Section IX. Notice of COVID-19 Cases & Close Contacts**

1. Employees and independent contractors who had a close contact, as well as any employer with an employee who had a close contact, will be notified as soon as possible, and in no case

longer than the time required to ensure that the exclusion requirements "**Effective procedures for responding to COVID-19 cases at the workplace**" above, are met.

2. The District will provide notice of a COVID-19 case in a form readily understandable to employees. Notice shall be given to all employees, employers, and independent contractors at the worksite in accordance with applicable law. Notice shall also be provided to the authorized representative, if any, of the COVID-19 case and of any employee who had a close contact. All employees on the premises at the same worksite as the COVID-19 case within the infectious period.
3. The District will provide notice of a COVID-19 case in a form readily understandable to employees. Notice shall be given to all employees, employers, and independent contractors at the worksite in accordance with the applicable law.

### **Section X. Face Coverings**

The District will provide face coverings and ensure they are worn where required by orders or regulations from the CDPH. Face coverings will be clean, undamaged, and worn over the nose and mouth.

Employees will be provided face coverings and required to wear them:

1. When required by orders from the CDPH. This includes spaces within vehicles when a CDPH regulation or order requires face coverings indoors.
2. During outbreaks and major outbreaks.
3. When employees return to work after having COVID-19 until 10 days have passed since the date that COVID-19 symptoms began or, if the person did not have COVID-19 symptoms, from the date of their first positive COVID-19 test, or after a close contact. Please refer to the section in this FAQ on CDPH's Isolation and Quarantine Guidance.

The following exceptions apply:

1. When an employee is alone in a room or vehicle.
2. While eating or drinking at the workplace, provided employees are at least six feet apart and, if indoors, the supply of outside or filtered air has been maximized to the extent feasible.
3. While employees are wearing respirators required by the employer and used in compliance with CCR, Title 8 section 5144.
4. Employees who cannot wear face coverings due to a medical or mental health condition or disability, or who are hearing-impaired or communicating with a hearing-impaired person. Such employees shall wear an effective non-restrictive alternative, such as a face shield with a drape on the bottom, if the condition or disability permits it.
5. During specific tasks which cannot feasibly be performed with a face covering. This exception is limited to the time period in which such tasks are actually being performed.

If an employee is not wearing a face covering due to exceptions (4) and (5) above, the COVID-19 hazard will be assessed, and action taken as necessary. Employees will not be prevented from wearing a face covering, including a respirator, when not required by this section, unless it creates a safety hazard.

### **Section XI. Respirators**

Upon request, respirators will be provided for voluntary use to all employees who are working indoors or in vehicles with more than one person. Whenever respirators are made available for voluntary use, their use shall be encouraged, and employees will be provided with a respirator of the correct size and employees will be trained how to properly wear the respirators provided; how to perform seal checks according to the manufacturer's instruction each time a respirator is worn; and the fact that facial hair interferes with a seal.

## **Section XII. Ventilation**

For indoor workplaces, the District will review CDPH and Cal/OSHA guidance regarding ventilation, including "Interim Guidance for Ventilation, Filtration, and Air Quality in Indoor Environments." The District will develop, implement, and maintain effective methods to prevent transmission of COVID-19 including one or more of the following actions to improve ventilation:

1. Maximize the supply of outside air to the extent feasible, except when the United States Environmental Protection Agency (EPA) Air Quality Index is greater than 100 for any pollutant or if opening windows or maximizing outdoor air by other means would cause a hazard to employees, for instance from excessive heat or cold.
2. In buildings and structures with mechanical ventilation, filter circulated air through filters at least as protective as Minimum Efficiency Reporting Value (MERV)-13, or the highest level of filtration efficiency compatible with the existing mechanical ventilation system.
3. Use High Efficiency Particulate Air (HEPA) filtration units in accordance with manufacturer's recommendations in indoor areas occupied by employees for extended periods, where ventilation is inadequate to reduce the risk of COVID-19 transmission.

In vehicles, the District will maximize the supply of outdoor air to the extent feasible, except when doing so would cause a hazard to employees or expose them to inclement weather.

## **Section XIII. Reporting and Recordkeeping**

Appendix B "Investigating COVID-19 Cases" will be used to keep a record of and track all COVID-19 cases. These records will be kept by the District Safety Officer and retained for two years beyond the period in which it is necessary.

**Matthew C. Ball, Manager**

**Approval Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_

## Appendices





## Appendix B: Investigating COVID-19 Cases

All personal identifying information of COVID-19 cases or persons with COVID-19 symptoms, and any employee required medical records will be kept confidential unless disclosure is required or permitted by law. Unredacted information on COVID-19 cases will be provided to the local health department, CDPH, Cal/OSHA, the National Institute for Occupational Safety and Health (NIOSH) immediately upon request, and when required by law.

**Date COVID-19 case (suspect or confirmed) became known:**

**Date investigation was initiated:**

**Name of person(s) conducting the investigation:**

### COVID-19 Case Summary

Name	Contact Info	Occupation	Location	Last day and time present	Date of positive test and/or diagnosis	Date of first symptoms

**Summary of employees, independent contractors, and employees of other employers that came in close contact**

Name	Contact Info	Date notified	Date offered COVID-19 testing (employees only)

**Summary notice of a COVID-19 case (employees, employers, independent contractors) – during the infectious period and regardless of a close contact occurring.**

Name	Date notified

**Summary notice of a COVID-19 case (authorized representative of the COVID-19 case and employee who had close contact).**

Name	Date notified

What were the workplace conditions that could have contributed to the risk of COVID-19 exposure?

What could be done to reduce exposure to COVID-19?

Was local health department notified? Date?



## Appendix D: Definitions

Close Contact	<p>"Close contact" means the following, unless otherwise defined by regulation or order of the California Department of Public Health (CDPH), in which case the CDPH definition shall apply:</p> <ol style="list-style-type: none"> <li>1) In indoor spaces of 400,000 or fewer cubic feet per floor, a close contact is defined as sharing the same indoor spaces as a COVID-19 case for a cumulative total of 15 minutes or more over a 24-hour period during the COVID-19 case's infectious period, as defined by this section, regardless of the use of face coverings.</li> <li>2) In indoor spaces of greater than 400,000 cubic feet per floor, a close contact is defined as being within six feet of the COVID-19 case for a cumulative total of 15 minutes or more over a 24-hour period during the COVID-19 case's infectious period, as defined by this section, regardless of the use of face coverings.</li> <li>3) Offices, suites, rooms, waiting areas, break or eating areas, bathrooms, or other spaces that are separated by floor-to-ceiling walls shall be considered distinct indoor spaces.</li> </ol>
COVID-19	Coronavirus disease, an infectious disease caused by the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2)
COVID-19 Case	<p>A person who:</p> <ol style="list-style-type: none"> <li>(1) Has a positive "COVID-19 test"; or</li> <li>(2) Has a positive COVID-19 diagnosis from a licensed health care provider; or</li> <li>(3) Is subject to COVID-19-related order to isolate issued by a local or state health official; or</li> <li>(4) Has died due to COVID-19, in determination of a local health department or per inclusion in the COVID-19 statistics of a county.</li> </ol>
COVID-19 Hazard	Exposure to potentially infectious material that may contain SARS-CoV-2, the virus that causes COVID-19. Potentially infectious materials include airborne droplets, small particle aerosols, and airborne droplet nuclei, which most commonly result from a person or persons exhaling, talking or vocalizing, coughing or sneezing, or from procedures performed on a person that may aerosolize saliva or respiratory tract fluids.
COVID-19 Symptoms	Fever of 100.4 degrees Fahrenheit or higher, chills, cough, shortness of breath or difficulty breathing, fatigue, muscle or body aches, headache, new loss of taste or smell, sore throat, congestion or runny nose, nausea or vomiting, or diarrhea, unless a licensed health care professional determines the person's symptoms were caused by a known condition other than COVID-19.

<p>COVID-19 Test</p>	<p>A test for SARS-CoV-2 that is:</p> <ol style="list-style-type: none"> <li>(1) Cleared, approved, or authorized, including in an Emergency Use Authorization (EUA), by the United States Food and Drug Administration (FDA) to detect current infection with the SARS-CoV-2 virus (e.g., a viral test); and</li> <li>(2) Administered in accordance with the authorized instructions;</li> <li>(3) To meet the return to work criteria set forth in Section 3205 subsection (c)(10), a COVID-19 test may be both self-administered and self-read only if another means of independent verification of the results can be provided (e.g., a time-stamped photograph of the results)</li> </ol>
<p>Exposed Group</p>	<p>All employees at a work location, working area, or a common area at work, within employer-provided transportation covered by Section 3205.3 or residing within housing covered by Section 3502.2 where an employee COVID-19 case was present at any time during the infectious period. A common area at work includes bathrooms, walkways, hallways, aisles, break or eating areas, and waiting areas. The following exceptions apply:</p> <ol style="list-style-type: none"> <li>A) For the purpose of determining the exposed group, a place where persons momentarily pass through without congregating, is not a work location, working area, or a common area at work.</li> <li>B) If the COVID-19 case was part of a distinct group of employees who are not present at the workplace at the same time as other employees, for instance a work crew or shift that does not overlap with another work crew or shift, only employees within that distinct group are part of the exposed group.</li> <li>C) If the COVID-19 case visited a work location, working area, or a common area at work for less than 15 minutes during the infectious period, and all persons were wearing face coverings at the time the COVID-19 case was present, other people at the work location, working area, or common area are not part of the exposed group.</li> </ol> <p>NOTE: An exposed group may include the employees of more than one employer. See Labor Code sections 6303 and 64304.1.</p>
<p>Face Covering</p>	<p>A surgical mask, a medical procedure mask, a respirator worn voluntarily, or a tightly woven fabric or non-woven material of at least two layers that completely covers the nose and mouth and is secured to the head with ties, ear loops, or elastic bands that go behind the head. If gaiters are worn, they shall have two layers of fabric or be folded to make two layers. A face covering is a solid piece of material without slits, visible holes, or punctures, and must fit snugly over the nose, mouth, and chin with no large gaps on the outside of the face. A face covering does not include a scarf, ski mask, balaclava, bandana, turtleneck, collar, or single layer of fabric.</p> <p>This definition includes clear face coverings or cloth face coverings with a clear plastic panel that otherwise meet this definition and that may be used to facilitate communication with people who are deaf or hard-of-hearing or others who need to see a speaker's mouth or facial expressions to understand speech or sign language respectively.</p>

<p>Infectious Period</p>	<p>Infectious period means the following time period, unless otherwise defined by CDPH regulation or order, in which case the CDPH definition shall apply:</p> <p>(A) For COVID-19 cases who develop symptoms, from the day of symptom onset until 24 hours have passed with no fever, without the use of fever-reducing medications, AND symptoms are mild and improving.</p> <p>(B) For COVID-19 cases who never develop symptoms, there is no infectious period for the purpose of isolation or exclusion. If symptoms develop, the criteria above will apply.</p>
<p>Respirator</p>	<p>A respiratory protection device approved by the NIOSH to protect the wearer from particulate matters, such as an N95 filtering facepiece respirator.</p>
<p>Returned Case</p>	<p>A COVID-19 case who was excluded from work but returned pursuant to Section 3205 subsection 3205(c)(5)(A) and did not develop any COVID-19 symptoms after returning. A person shall only be considered a returned case for 30 days after the initial onset of COVID-19 symptoms or, if the person never developed COVID-19 symptoms, for 30 days after the first positive test. If a period of other than 30 days is required by a CDPH regulation or order, that period shall apply.</p>
<p>Worksite</p>	<p>For the limited purposes of section 3205 and 3205.1 is a building, store, facility, agricultural field, or other location where a COVID-19 case was present during the infectious period. It does not apply to buildings, floors, or other locations of the employer that a COVID-19 case did not enter.</p>

**Nwestco LLC**  
 PO Box 82285  
 Bakersfield, CA 93380-2285  
 (661) 631-3870

# INVOICE



**Bill To:**  
 Butte Mosquito Control  
 5117 Larkin Road  
 Oroville CA 95965  
 United States

**Invoice #**            **INV490539**  
**Invoice Date**        4/4/2024  
**Due Date**            4/4/2024  
**Terms**                COD  
**PO#**  
**Work Order#**

**Ship To:**  
 Butte Mosquito Control  
 5117 Larkin Road  
 Oroville CA 95965  
 United States

**Customer**            Butte Mosquito control  


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**Amount Due**        \$9,528.99

Shipping Date: 4/3/2024

Item	Description	Qty	Rate	Amount	Tax
MISC	Air Quality Permit	1	\$551.58	\$551.58	N
MISC	Blue Prints	1	\$410.49	\$410.49	N
MISC	Engineered Plans	1	\$6,240.00	\$6,240.00	N
QuotePermit-	Building Permit	1	\$2,326.92	\$2,326.92	N

**Subtotal:**                            \$9,528.99  
**Discounts:**  
**Sales Tax:**                            \$0.00  
**Payment:**                            (\$0.00)  


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**Amount Due:**                        \$9,528.99

Problem Notes	Solution Notes
Quote #102314 states that permitting costs which included engineered plans and blueprints would be billed separately.	Invoice for all the permitting costs.



## **Butte County Mosquito and Vector Control District**

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5117 Larkin Road • Oroville, CA 95965-9250  
Phone: 530-533-6038 • Fax: 530-534-9916  
[www.BCMVCD.com](http://www.BCMVCD.com)

**Matthew C. Ball**  
Manager

March 14, 2024

The Honorable María Elena Durazo  
Chair, Senate Committee on Local Government  
1021 O Street, Suite 7530  
Sacramento, CA 95814

Re: SB 1251 (Stern) – Support

Dear Chairwoman Durazo,

On behalf of the Butte County Mosquito and Vector Control District, I am writing to request your support for SB 1251 (Stern), an important bill to help stop the spread of disease-spreading mosquitoes. SB 1251 would compel electrical corporations to enter into jointly-developed vector management agreements upon request of the mosquito control agency, for purposes of mosquito surveillance, treatment, and post-treatment inspections.

SB 1251, as proposed to be amended, would allow for these agreements to be entered into within six months of the mosquito control agency's request, a fair amount of time for such an agreement to be executed. SB 1251 provides best practice guidelines, as opposed to a one-size-fits-all mandate so electrical corporations can work collaboratively with mosquito control agencies to protect public health.

Utility vaults are enclosures above or below ground owned by the electrical corporation and water accumulation can be a byproduct of the design. Mosquito-transmitted diseases are a major threat in our state and water retention in utility vaults promotes the development of mosquitoes that can spread West Nile virus and other diseases. Unfortunately, mosquito control agencies throughout the state have inconsistent access to utility vault information which limits our ability to inspect and apply mosquito control products to the vaults.

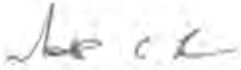
West Nile virus was first detected in California in 2003 and since then there have been over 8,000 human West Nile cases statewide. In 2023, California experienced record-breaking West Nile virus activity after experiencing heavy precipitation in the winter and spring. There were 402 human cases and 17 were fatal. Also last summer, for the first time in California, there were two cases of locally transmitted dengue in southern California. Dengue is transmitted by invasive *Aedes* mosquitoes which continue to spread throughout the state and are now in 24 counties.

West Nile virus remains extremely active within Butte County, often in the top three counties with human infections in the state per year, per capita. In addition to West Nile virus, Butte County has observed increasing and spreading populations of *Aedes aegypti* (yellow fever mosquito) which is invasive to Butte County and the state of California. Having access to all bodies of water to inspect and control mosquitoes when they are juveniles is paramount in lowering the risks of mosquito-borne disease.

Where certain sources pose a recurring nuisance, mosquito control agencies can pursue statutory abatement against property owners to recover the costs of control and to assess civil penalties. This is reflected in the long-standing Health and Safety Code (Section 2060), but has been used sparingly, given the legal and cost-sharing ramifications abatement orders can pose. Additionally, state Public Utility Code 8055 prohibits the accumulation of standing water in utility vaults and calls for such enclosures to be kept in a sanitary condition.

A streamlined process to improve communication and ensure safe access to utility vaults would remove many barriers to mosquito control operations aimed at protecting public health. For those reasons, I respectfully request your "aye" recommendation and vote. Please contact me at 530-533-6038 if you have any questions. Thank you for your consideration.

Sincerely,

A handwritten signature in black ink, appearing to read "M. C. Ball".

Matthew C. Ball  
District Manager  
Butte County Mosquito and Vector Control District

Cc: Members, Senate Committee on Local Government