



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

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 accommodations 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 13, 2022*
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 9, 2022*
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 *2021 / 2022 Third Quarter Fiscal Report*

The District Manager and Administrative Manager will review the 2021/2022 3rd quarter fiscal report.

- 7.3 *2022 BCMVCD 1st Quarter Newsletter*

The Assistant Manager will review the District's 2022 1st Quarter Newsletter.

8. *Policy Matters: (8.1 – 8.4)*

8.1 *Consider the 2022/2023 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 2022/2023 preliminary budgets. The District Manager and Administrative Manager will review and explain the proposed budgets.

8.2 *Consider a Special Service Agreement **between Ron O’Hanlon and Associates and the District***

The Board will be asked to consider a **special service agreement between Ron O’Hanlon and Associates** and the District.

8.3 *Consider Approving Amendments to Multiple Board Policies*

The Board will be asked to consider amendments to General Policies, Policy 2140 Employee Files and Policy 2150, Board of Trustees Implementation of Employer-Employee Rules and Regulations. District management is reviewing the District’s Policy Manual in sections in their efforts to correct typos, make updates to match current processes, and make recommended updates as needed.

8.4 *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.

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: N/A*

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 11, 2022)*

Regular Minutes of the Board of Trustees of the Butte County Mosquito and Vector Control District Meeting held March 9, 2022

Members Present: President Dr. Albert Beck, Michael Barth, Darlene Fredericks, Vice President Dr. Larry Kirk, Philip LaRocca, Chuck Reynolds, Assistant Secretary Melissa Schuster, Secretary Bo Sheppard, and Carl Starkey.

Members Excused: Bruce Johnson.

Members Absent: None.

Also Present: District Manager Matt Ball, Assistant Manager Aaron Lumsden, Office Manager Maritza Sandoval, Vector Ecologist/Fish Biologist Ryan Rothenwander, and District legal counsel Tony Soares.

1. The Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District held on March 9, 2022, at 444 Otterson Drive, Chico, CA 95928.
2. The March 9, 2022, Butte County Mosquito and Vector Control District regular meeting of the Board of Trustees was called to order at 4:05 PM by Vice President Kirk.
3. Seeing and hearing no persons wishing to address the Board on items not on the agenda, Vice President Kirk proceeded to request approval of the minutes.
4. After review, it was then moved by Member Sheppard, seconded by Member Starkey, and passed unanimously with a vote of 8 ayes 0 nays with Member LaRocca abstaining due to his excused absence to approve the minutes of the Board of Trustees meeting held February 9, 2022, as written.
5. No persons wishing to address the Board on closed session matters.
6. Closed session with District legal counsel present (6.1)
- 6.1 The Board went into closed session and off the record at 4:07 pm with the Board Vice President stating the Board was going into closed session for (Existing Litigation – CONFERENCE WITH LEGAL COUNSEL Gov't. Code (Paragraph (1) of subdivision (d) of Section 54956.9). Name of case: In re PG&E Corporation, et al. (US Bankruptcy Court, Northern District of California No. 19-30088)). The Board came out of closed session and back on the record at 5:14 pm where the President of the Board announced that the District's legal counsel was given direction. No action taken, nor needed.
7. The District Manager introduced the District's newly appointed Trustee, Chuck Reynolds.
8. Reports (8.1)
- 8.1 Under item 8.1 of reports, District Manager's Report, the District Manager reported that on February 10, 2022, the District completed the monthly staff meeting and all vehicle inspections. The District's Safety Committee also met on this date.

The District was closed on February 14, 2022, in observance of President Lincoln's Birthday.

On February 15, 2022, District management met with representatives of M&I to discuss the completion of the server migration project, evaluated projects and timeframes, and discussed future projects.

On February 17 and 18, the District Manager and Office Manager attended the VCJPA Annual Conference remotely. The conference was informative, educational, and free to attend. Also on February 18, the District Manager attended the MVCAC Legislative Committee monthly call.

The District was closed on February 21, 2022, in observance of Presidents' Day.

On February 23, 2022, the District Manager attended the MVCAC Legislative Committee meeting to review 2022 legislative bills, take a position, and plan for a remote Legislative Day.

On February 24, 2022, M&I was onsite to separate the District's server from the network. The District server migration project is now complete.

On March 2, 2022, the District Manager provided a tour for the District's newest Trustee. The tour was of the Oroville facility and a recap of how the District operates.

Over the past month, all licensed staff have continued to attend virtual continuing education courses.

9. Policy Matters (9.1 – 9.5)
 - 9.1 Under item 9.1 of policy matters, the Board was asked to consider approving and adopting the District's amended Invasive Aedes Response Plan. The Board approved and adopted the original plan on October 14, 2020, but based on the number of detections in 2021, District staff is recommending the amended plan. It was then moved by Member LaRocca, seconded by Member Barth, and passed unanimously with a vote of 9 ayes 0 nays to approve and adopt the District's amended Invasive Aedes Response Plan
 - 9.2 Under item 9.2 of policy matters, the Board was asked to consider a capital expenditure to overhaul 714Y (Horse) propeller. The Board was asked to consider one of two options. The first option is an overhaul of the propeller using good "used" overhauled blades. The second option is an overhaul of the propeller using "new" blades. The quote is for \$20,635.98 not including tax for the used or \$40,635.98 not including tax for the new. After some discussion it was then moved by Member Barth, seconded by Member Schuster, and passed with a vote of 5 ayes (Barth, Fredericks, Reynolds, Schuster, and Starkey) 4 nays (Beck, Kirk, LaRocca, and Sheppard) to approve option one, a capital expenditure of \$20,635.98 not including tax for the "used" overhauled blades.
 - 9.3 Under item 9.3 of policy matters, the Board was asked to consider the creation of a new position and adopting Job Description, Policy 6015, Administrative Manager. After some discussion it was then moved by Member Sheppard, seconded by Member Kirk, and passed unanimously with a vote of 9 ayes 0 nays to adopt the creation of a new position and adopting Job Description, Policy 6015, Administrative Manager.
 - 9.4 Under item 9.4 of policy matters, 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.
 - 9.5 Under item 9.5 of policy matters, 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.
10. Under topic of the month, the District's Vector Ecologist/ Fish Biologist gave a presentation on traps used by the District for mosquito and virus surveillance.
11. After reviewing the demands made upon the District for the past month, it was then moved by Member Starkey, seconded by Member Fredericks, and passed unanimously with a vote of 9 ayes 0 nays to authorize checks numbered 50527 through 50633 be signed and distributed. Expenditures for the month totaled \$428,823.12.
12. Under personnel, the District Manager reported that on February 28, 2022, Frank Lopez commenced employment with the District as Mosquito Vector Control Specialist.
13. Under correspondence, the Board reviewed a letter written by the District Manager Matthew C. Ball to the Board of Trustees and a letter received from the City of Oroville.
14. Under other business to report, the Board was asked to return the state mandated ethics training packets and their completed Form 700 Statement of Economic Interest as required by the Fair Political Practice Commission.
15. No persons wishing to address the Board pertaining to closed session matters.
16. No closed session matters not warranting legal counsel.
17. President Beck announced adjournment at 5:57 PM and concluded by stating that the next regular meeting of the BCMVCD Board of Trustees would meet at 4:00 PM on April 13, 2022, at the Chico Substation's Board Room at 444 Otterson Drive, Chico, CA 95928.

Respectfully submitted,

James "Bo" Sheppard,
Secretary

On March 10, 2022, the District completed the monthly staff meeting and all vehicle inspections. The District's Safety Committee also met on this date.

On March 15, 2022, District management met with representatives of M&I to discuss the completion of the server migration project, evaluated projects and timeframes, and discussed future projects.

On March 18, 2022, the District Manager attended the MVCAC Legislative Committee biweekly call. The meeting consisted of legislative bill reviews, legislative projects, and regulatory issues.

On March 22, 2022, District management met with representatives of M&I to discuss the completion of the server migration project, evaluated projects and timeframes, and discussed future projects. Also on this date, representatives of Clarke Mosquito Control were at the District to perform annual droplet testing on the District's foggers.

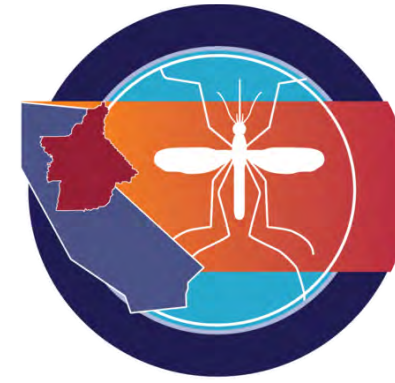
On March 23, 2022, District management met with representatives of Leading Edge and Associates to discuss MapVision, new projects and products, UAS services (drones), and other services provided by Leading Edge.

On March 29, 2022, the District Manager attended MVCAC's Legislative Day and met with Joe Zanze, Legislative Director of Assemblyman James Gallagher cabinet.

The District was closed on March 31, 2022, in observance of Cesar Chavez Day.

On April 5, 2022, District management met with representatives of M&I to conduct the monthly executive business review. Also on this date, the District Manager attended the MVCAC's monthly business meeting. The association recapped Leg Day, reviewed the upcoming spring meeting, and discussed other topics related to the industry.

Over the past month, all licensed staff have continued to attend virtual continuing education courses.



Butte County Mosquito & Vector Control District

Since 1948

1st Quarter, 2022

Newsletter

2022 MOSQUITO SURVEILLANCE

The 2022 mosquito season has started and the District's surveillance program is now underway. The District's 54 sentinel chickens will arrive on April 21st, and 42 of the chickens will be evenly distributed to one of the seven flocks located throughout the District. Blood samples are taken from the chickens bi-weekly and tested for mosquito-borne viruses. The District's 31 gravid traps and 28 New Jersey light traps will be in place in mid-April. The District utilizes the trap counts 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.



2021/2022 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 available to the public at the District office and the District's website at ButteMosquito.com.



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. Mosquitofish tanks will be deployed at a number of locations in May. Visit our website or call for location details.



DEAD BIRD HOTLINE

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



www.BUTTEMOSQUITO.com
www.westnile.ca.gov
1-877-WNV-BIRD

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

This institution is an equal opportunity provider and employer.

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

Website: www.BUTTEMOSQUITO.com

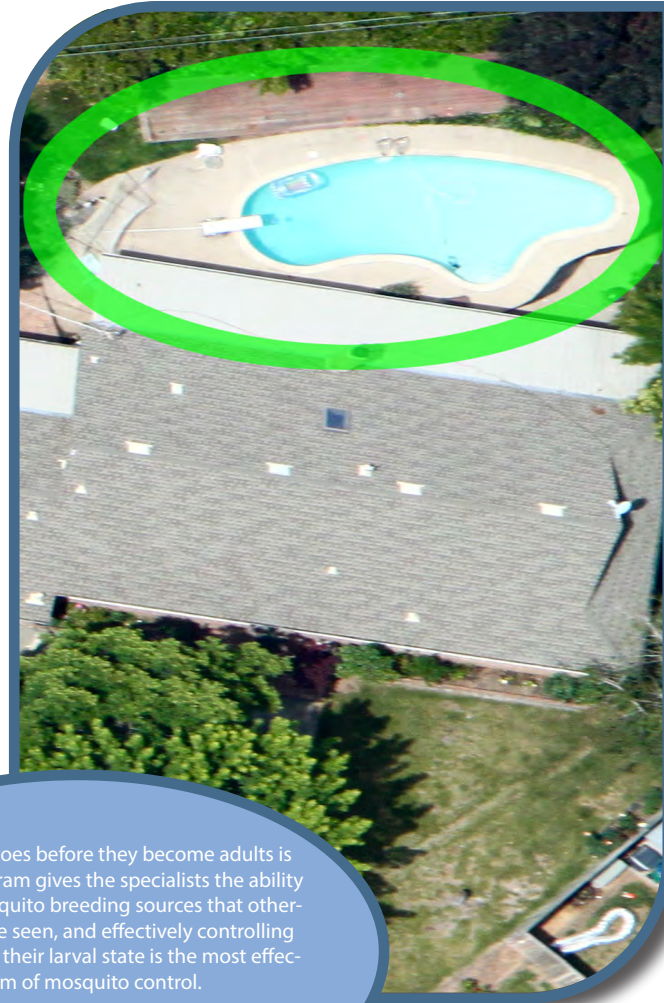
"FIGHT THE BITE!"

AERIAL SURVEILLANCE

For the 17th year in a row, the District has contracted with an aerial surveillance service to survey un-maintained swimming pools and other possible mosquito breeding sources (target areas) in the District. This year, the District has again contracted with Ron O’Hanlon and Associates.

Ron O’Hanlon has an extensive background in geographic imaging having spent many years creating maps for the United States Forest Service. O’Hanlon and Associates can effectively snap photos from a helicopter or a fixed wing aircraft over “suspected un-maintained swimming pools” and record the location using global positioning systems (GPS).

A report is then constructed from this data and the report containing maps, aerial photographs, and GPS fixed positions of possible mosquito breeding sources is then submitted to the District. The District’s Mosquito and Vector Control Specialists can take these reports into the field and investigate all of the targeted areas.



“Finding mosquitoes before they become adults is vital and this program gives the specialists the ability to see a lot of mosquito breeding 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
Butte County Mosquito and Vector Control District

Additionally, the District will again commence the “fixed” wing aerial surveillance program. This program focuses on the surveillance of large properties such as duck clubs, artificial wetlands, and periodic flooding of large areas such as wildlife areas. The District utilizes a Cessna aircraft that can hold up to four individuals (three Mosquito Control Specialists and the pilot). From the air the Mosquito Control Specialists can take aerial photographs and plot the movement of floodwater and fix a location using a GPS unit. This information is then taken to the field and the appropriate action is taken if mosquito larvae are found.



2022 PUBLIC EDUCATION CAMPAIGN

All of the events that the District attends have an excellent insect display, as well as a mosquito-fish and mosquito larvae display. At these events the District hands out, free of charge, fly/mosquito swatters, tick identification cards, recyclable shopping bags, and mosquito repellent.

The District gives classroom presentations at local schools in Butte County. The classroom presentations include “Trouble with Ticks” and “Fight the Bite”.

The District will again partner with Stott Advertising on a billboard campaign. This year’s slogan is “Prevent Mosquitoes and West Nile Virus”. The eight billboards will rotate throughout the county from May through September. The new billboard uses the District’s new website address: www.ButteMosquito.com

The District has 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 events and in the immediate

Gold Nugget Craft Faire April 23rd & 24th, 2022

This annual event will be held at the Terry Ashe Recreation Center, Paradise, featuring a variety of crafts created by artisans from all over Northern California, Oregon, and Nevada. An assortment of food vendors will also be available.



Red Suspender Days May 21st, 2022

This all-day annual event begins at 7am with the Little League Pancake breakfast, vendors/food trucks 8am to 3pm, classic car show 8am to 1pm, 9:30 bed races, 11am parade, noon to 3pm live music, noon to 3pm princesses & pony rides, 1pm firemens games, 4 to 7pm Museum tri tip dinner.



Prevent Mosquitoes and West Nile Virus

ButteMosquito.com

STOTT



**Butte County Mosquito and Vector Control District
Proposed Budget
Fiscal Year 2022/2023
Combined**

	Final Budget 2017/2018	Final Budget 2018/2019	Final Budget 2019/2020	Final Budget 2020/2021	Final Budget 2021/2022	Proposed Budget 2022/2023
<u>SALARIES & BENEFITS</u>						
Salaries	\$ 1,427,432	\$ 1,418,500	1,468,000	\$ 1,480,196	\$ 1,535,314	\$ 1,527,531
FICA & U I	\$ 125,000	\$ 127,000	124,000	\$ 127,429	\$ 130,471	\$ 129,111
Workers Compensation	\$ 60,000	\$ 70,000	70,000	\$ 70,000	\$ 70,000	\$ 70,000
Health Insurance	\$ 350,000	\$ 353,000	339,000	\$ 342,618	\$ 384,365	\$ 443,819
PERS	\$ 323,000	\$ 340,000	374,000	\$ 407,936	\$ 466,437	\$ 487,522
PERS- ADP	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
PERS- 115 Trust	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
TOTAL	\$ 2,285,432	\$ 2,308,500	2,375,000	\$ 2,428,179	\$ 3,086,587	\$ 3,157,983
<u>SERVICES & SUPPLIES</u>						
Gas & Oil	\$ 95,000	\$ 100,000	\$ 71,000	\$ 110,000	\$ 100,000	\$ 125,000
Repairs & Parts-Airplane	\$ 20,000	\$ 25,000	\$ 25,000	\$ 30,000	\$ 40,500	\$ 45,000
Repairs & Parts	\$ 30,000	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000
Office Supplies	\$ 15,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 19,800
Shop and PPE Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000
Education & Publicity	\$ 45,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 70,000	\$ 70,000
Insecticides	\$ 593,000	\$ 824,500	\$ 721,000	\$ 842,000	\$ 890,000	\$ 870,000
Expendable Equipment	\$ 40,000	\$ 40,000	\$ 20,000	\$ 40,000	\$ 40,000	\$ 65,000
Communications	\$ 40,000	\$ 45,000	\$ 30,000	\$ 35,000	\$ 35,000	\$ 30,000
Travel	\$ 15,000	\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000
Utilities	\$ 45,000	\$ 45,000	\$ 25,000	\$ 35,000	\$ 40,000	\$ 45,000
Rent	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Special Services	\$ 100,000	\$ 100,000	\$ 137,000	\$ 140,000	\$ 150,000	\$ 155,000
Trustee Allowance	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200
General Insurance	\$ 90,000	\$ 85,000	\$ 97,000	\$ 120,000	\$ 160,000	\$ 165,000
Employee Trng & Dues	\$ 15,000	\$ 15,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000
District Fees and Permits	\$ 30,000	\$ 33,000	\$ 33,000	\$ 35,000	\$ 40,000	\$ 40,000
Miscellaneous	\$ 14,000	\$ 15,000	\$ 12,500	\$ 15,000	\$ 15,000	\$ 15,000
Research Supplies	\$ 45,000	\$ 50,000	\$ 40,000	\$ 50,000	\$ 60,000	\$ 60,000
Alternate Technology	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Special Discretionary	\$ 13,000	\$ 15,000	\$ 8,500	\$ 20,000	\$ 20,000	\$ 25,000
Gambusia	\$ 13,000	\$ 13,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000
TOTAL	\$ 1,277,200	\$ 1,539,700	\$ 1,374,200	\$ 1,651,200	\$ 1,779,700	\$ 1,881,000
<u>CAPITAL OUTLAY</u>						
Bldg & Improvements	\$ 153,000	\$ 20,000	\$ 45,000	\$ 30,000	\$ 40,000	\$ 50,000
Vehicles	\$ 110,000	\$ 105,000	\$ 312,000	\$ 230,000	\$ 135,000	\$ 50,000
Spray Equipment	\$ 45,000	\$ 100,000	\$ 36,000	\$ 1,000	\$ 20,000	\$ 90,000
Aircraft	\$ 5,000	\$ 10,000	\$ 5,000	\$ 8,000	\$ 25,000	\$ 30,000
Office Equipment	\$ 1,000	\$ 5,000	\$ 1,000	\$ 6,000	\$ 2,000	\$ 2,500
Laboratory Equipment	\$ 7,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500
Shop Equipment	\$ 1,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 2,000	\$ 2,500
Education & Publicity	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500
Miscellaneous	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Communications	\$ 129,650	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
TOTAL	\$ 453,650	\$ 245,000	\$ 406,000	\$ 280,000	\$ 230,000	\$ 232,000
Grand Total	\$ 4,016,282	\$ 4,093,200	\$ 4,155,200	\$ 4,359,379	\$ 5,096,287	\$ 5,270,983
Appropriation for Contingencies	\$ 931,800	\$ 1,210,500	\$ 947,550	\$ 1,089,845	\$ 1,149,072	\$ 1,317,746
Restricted - UST Fund	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Committed - Accumulated Capital C	\$ 1,300,000	\$ 1,700,000	\$ 1,900,000	\$ 2,000,000	\$ 2,000,000	\$ 2,250,000
Committed - Aircraft Engine Fund	\$ 450,000	\$ 500,000	\$ 500,000	\$ 580,000	\$ 750,000	\$ 800,000
Assigned - Research Reserve	\$ 30,000	\$ 30,000	\$ 30,000	\$ 100,000	\$ 160,000	\$ 150,000
Assigned - Vector Borne Disease E	\$ 250,000	\$ 250,000	\$ 250,000	\$ 357,500	\$ 500,000	\$ 550,000
General Reserve	\$ 610,000	\$ 160,000	\$ 150,000	\$ 200,000	\$ 250,000	\$ 250,000
TOTAL	\$ 3,576,800	\$ 3,855,500	\$ 3,782,550	\$ 4,332,345	\$ 4,814,072	\$ 5,322,746

Butte County Mosquito and Vector Control District
Proposed Budget
Fiscal Year 2022/2023
Fund - 2270

	Final Budget 2017/2018	Final Budget 2018/2019	Final Budget 2019/2020	Final Budget 2020/2021	Final Budget 2021/2022	Proposed Budget 2022/2023
<u>SALARIES & BENEFITS</u>						
Salaries	\$ 1,422,432	\$ 1,413,500	\$ 1,462,500	\$ 1,474,696	\$ 1,529,814	\$ 1,522,031
Workers Compensation	\$ 125,000	\$ 127,000	\$ 124,000	\$ 127,429	\$ 130,471	\$ 129,111
FICA & U I	\$ 60,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000	\$ 70,000
Health Insurance	\$ 350,000	\$ 353,000	\$ 339,000	\$ 342,618	\$ 384,365	\$ 443,819
PERS	\$ 323,000	\$ 340,000	\$ 374,000	\$ 407,936	\$ 466,437	\$ 487,522
PERS- ADP	\$ -	\$ -	\$ -	\$ -	\$ 350,000	\$ 350,000
PERS- 115 Trust	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 150,000
TOTAL	\$ 2,280,432	\$ 2,303,500	\$ 2,369,500	\$ 2,422,679	\$ 3,081,087	\$ 3,152,483
<u>SERVICES & SUPPLIES</u>						
Gas & Oil	\$ 95,000	\$ 100,000	\$ 71,000	\$ 110,000	\$ 100,000	\$ 125,000
Repairs & Parts-Airplane	\$ 20,000	\$ 25,000	\$ 25,000	\$ 30,000	\$ 40,500	\$ 45,000
Repairs & Parts	\$ 30,000	\$ 35,000	\$ 35,000	\$ 40,000	\$ 40,000	\$ 45,000
Office Supplies	\$ 15,000	\$ 15,000	\$ 20,000	\$ 20,000	\$ 20,000	\$ 19,800
Shop and PPE Supplies	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 32,000
Education & Publicity	\$ 45,000	\$ 50,000	\$ 50,000	\$ 60,000	\$ 70,000	\$ 70,000
Insecticides	\$ 590,000	\$ 821,068	\$ 717,500	\$ 838,500	\$ 886,500	\$ 866,000
Expendable Equipment	\$ 40,000	\$ 40,000	\$ 20,000	\$ 40,000	\$ 40,000	\$ 65,000
Communications	\$ 40,000	\$ 45,000	\$ 30,000	\$ 35,000	\$ 35,000	\$ 30,000
Travel	\$ 15,000	\$ 15,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 25,000
Utilities	\$ 45,000	\$ 45,000	\$ 25,000	\$ 35,000	\$ 40,000	\$ 45,000
Rent	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Special Services	\$ 100,000	\$ 100,000	\$ 137,000	\$ 140,000	\$ 150,000	\$ 155,000
Trustee Allowance	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200	\$ 13,200
General Insurance	\$ 90,000	\$ 85,000	\$ 97,000	\$ 120,000	\$ 160,000	\$ 165,000
Employee Trng & Dues	\$ 15,000	\$ 15,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000
District Fees and Permits	\$ 30,000	\$ 33,000	\$ 33,000	\$ 35,000	\$ 40,000	\$ 40,000
Miscellaneous	\$ 14,000	\$ 15,000	\$ 12,500	\$ 15,000	\$ 15,000	\$ 15,000
Research Supplies	\$ 45,000	\$ 50,000	\$ 40,000	\$ 50,000	\$ 60,000	\$ 60,000
Alternate Technology	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Special Discretionary	\$ 13,000	\$ 15,000	\$ 8,500	\$ 20,000	\$ 20,000	\$ 25,000
Gambusia	\$ 13,000	\$ 13,000	\$ 10,000	\$ 15,000	\$ 15,000	\$ 15,000
TOTAL	\$ 1,274,200	\$ 1,536,268	\$ 1,370,700	\$ 1,647,700	\$ 1,776,200	\$ 1,877,000
<u>CAPITAL OUTLAY</u>						
Bldg & Improvements	\$ 153,000	\$ 20,000	\$ 45,000	\$ 30,000	\$ 40,000	\$ 50,000
Vehicles	\$ 110,000	\$ 105,000	\$ 312,000	\$ 230,000	\$ 135,000	\$ 50,000
Spray Equipment	\$ 45,000	\$ 100,000	\$ 36,000	\$ 1,000	\$ 20,000	\$ 90,000
Aircraft	\$ 5,000	\$ 10,000	\$ 5,000	\$ 8,000	\$ 25,000	\$ 30,000
Office Equipment	\$ 1,000	\$ 5,000	\$ 1,000	\$ 6,000	\$ 2,000	\$ 2,500
Laboratory Equipment	\$ 7,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500
Shop Equipment	\$ 1,000	\$ 1,000	\$ 3,000	\$ 1,000	\$ 2,000	\$ 2,500
Education & Publicity	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 2,000	\$ 2,500
Miscellaneous	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
Communications	\$ 129,650	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000	\$ 1,000
TOTAL	\$ 453,650	\$ 245,000	\$ 406,000	\$ 280,000	\$ 230,000	\$ 232,000
Grand Total	\$ 4,008,282	\$ 4,084,768	\$ 4,146,200	\$ 4,350,379	\$ 5,087,287	\$ 5,261,483
Appropriation for Contingencies	\$ 929,800	\$ 1,208,392	\$ 945,300	\$ 1,087,595	\$ 1,146,822	\$ 1,315,371
Restricted - UST Fund	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000
Committed - Accumulated Capital C	\$ 1,300,000	\$ 1,700,000	\$ 1,900,000	\$ 2,000,000	\$ 2,000,000	\$ 2,250,000
Committed - Aircraft Engine Fund	\$ 450,000	\$ 500,000	\$ 500,000	\$ 580,000	\$ 750,000	\$ 800,000
Assigned - Research Reserve	\$ 30,000	\$ 30,000	\$ 30,000	\$ 100,000	\$ 160,000	\$ 150,000
Assigned - Vector Borne Disease E	\$ 245,000	\$ 245,000	\$ 242,500	\$ 350,000	\$ 492,500	\$ 540,000
General Reserve	\$ 610,000	\$ 160,000	\$ 150,000	\$ 200,000	\$ 250,000	\$ 250,000
TOTAL	\$ 3,569,800	\$ 3,848,392	\$ 3,772,800	\$ 4,322,595	\$ 4,804,322	\$ 5,310,371

**Hamilton City Benefit Assessment Area
Proposed Budget
Fiscal Year 2022/2023
Fund - 2272**

	Final Budget	Final Budget	Final Budget	Final Budget	Final Budget	Proposed
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	2022/2023
Salaries & Benefits	\$ 5,000	\$ 5,000	\$ 5,500	\$ 5,500	\$ 5,500	\$ 5,500
Services & Supplies	\$ 3,000	\$ 3,432	\$ 3,500	\$ 3,500	\$ 3,500	\$ 4,000
	\$ 8,000	\$ 8,432	\$ 9,000	\$ 9,000	\$ 9,000	\$ 9,500
Appropriation for Contingency	\$ 2,000	\$ 2,108	\$ 2,250	\$ 2,250	\$ 2,250	\$ 2,375
Assigned Vector Borne Disease	\$ 5,000	\$ 5,000	\$ 7,500	\$ 7,500	\$ 7,500	\$ 10,000
General Reserve	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

**Butte County Mosquito and Vector Control District
Proposed Revenue Budget
Combined
Fiscal Year 2022-2023**

Benefit Assessment at \$10.87
4/5/2022

Income	Received					Received	Apr-June 2022	County/ District	Proposed
	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	3/31/2022	Projections	Projections	2022/2023
4110 · Current Secured Property Taxes	\$ 2,107,829	\$ 2,070,675	\$ 2,050,276	\$ 2,151,856	\$ 1,316,068	\$ 1,019,379	\$ 2,335,447	\$ 2,358,801	
4111 · Current Unsecured	\$ 131,437	\$ 143,460	\$ 150,676	\$ 152,499	\$ 147,720	\$ 6,668	\$ 154,389	\$ 155,932	
4113 · Prior Unsecured	\$ 4,666	\$ 3,796	\$ 4,164	\$ 3,962	\$ 2,913	\$ 364	\$ 3,277	\$ 3,500	
4114 · Supplemental Current Secured	\$ 38,841	\$ 37,022	\$ 39,180	\$ 52,389	\$ 25,593	\$ -	\$ 25,593	\$ 25,000	
4116 · RDA Residual	\$ 239,165	\$ 331,302	\$ 368,580	\$ 410,229	\$ 235,444	\$ 64,556	\$ 300,000	\$ 350,000	
4117 · RDA Pass-Thru	\$ 497,751	\$ 540,056	\$ 604,128	\$ 643,271	\$ 330,448	\$ 401,722	\$ 732,171	\$ 650,000	
4130 · Miscellaneous Taxes	\$ 9,296	\$ 9,094	\$ 4,497	\$ 6,919	\$ 10,856	\$ -	\$ 10,856	\$ 6,832	
4410 · Interest Income	\$ 36,991	\$ 58,610	\$ 72,592	\$ 57,334	\$ 23,892	\$ 14,108	\$ 38,000	\$ 38,000	
4501 · State Back Fill Secured	\$ -	\$ 140,296	\$ 170,693	\$ 177,067	\$ -	\$ -	\$ -	\$ -	
4502 · State Back Fill Unsecured	\$ -	\$ 875	\$ 1,858	\$ 2,320	\$ -	\$ -	\$ -	\$ -	
4512 · Other State	\$ -	\$ -	\$ -	\$ -	\$ 38,169	\$ -	\$ 38,169	\$ -	
4516 · HOPTR - Homeowner's Exemption	\$ 36,803	\$ 36,582	\$ 35,033	\$ 33,716	\$ 4,708	\$ 31,137	\$ 35,845	\$ 35,000	
4613 · Benefit Assessment	\$ 748,525	\$ 848,762	\$ 741,375	\$ 755,657	\$ 434,930	\$ 355,070	\$ 790,000	\$ 879,000	
4620 · Special Household Assessments	\$ 2,943	\$ 2,872	\$ 2,871	\$ 2,813	\$ 1,987	\$ 533	\$ 2,500	\$ 2,500	
4621 · Benefit Assessment Hamilton City	\$ 6,139	\$ 6,857	\$ 6,929	\$ 6,848	\$ 4,581	\$ 1,919	\$ 6,500	\$ 6,500	
4625 · Charges for Current Services	\$ 325,517	\$ 411,996	\$ 415,907	\$ 446,683	\$ 204,357	\$ 36,000	\$ 240,357	\$ 240,000	
4730 · Miscellaneous Revenues	\$ 45,776	\$ 65,340	\$ 121,228	\$ 228,745	\$ 145,766	\$ 76,710	\$ 222,476	\$ 20,000	
4736 · Grants Other Agencies	\$ -	\$ -	\$ 310,434	\$ 79,600	\$ -	\$ -	\$ -	\$ -	
Total Income	\$ 4,231,679	\$ 4,707,594	\$ 5,100,420	\$ 5,211,907	\$ 2,927,413	\$ 2,008,166	\$ 4,935,579	\$ 4,771,065	
							H.C. Budget	\$ 9,000.00	
Benefit Assessment Projection								\$ 4,762,065	
No County projections									

1%

Ron O'Hanlon and Associates

3724 Hildale Ave.
Oroville, CA 95966

March 14, 2022

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

Dear Matt:

Thank you for the opportunity to submit a proposal for the West Nile Virus Green Pool Survey Program for the 2022 season.

My proposal for the 2022 contract reflects surveying approximately 131,000 acres in the BCMVCD and 6,600 acres in the OMAD and finding an estimated 450 green pools in BCMVCD and 35 green pools in OMAD. This is a round number estimate as there were 507 BCMVCD and 42 OMAD green pools found in 2021. This year's proposal also includes updates to the GIS layer of known pools within the district and updates to assessor parcel data.

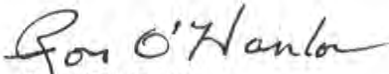
The remainder of the 2022 proposal is the same as last year –

- aerial surveys will follow pre-designated routes coordinated with the pool GIS layer
- GPS tracking will capture the camera location for each photo
- Deliverables will include hard copy mapsheets and a GIS layer of target pool/ponds to be inspected.

Please review the attached proposal to provide aerial surveillance of the pools and ponds within the jurisdiction of the Butte County Mosquito and Vector Control District.

I look forward to working with you and your staff on this important program to control the spread of West Nile Virus and other mosquito borne pathogens. Please let me know if you need any additional information or desire any enhancements that would help you in the success of this project.

Sincerely,


Ron O'Hanlon

Ron O'Hanlon and Associates
 3724 Hildale Ave
 Oroville, CA 95966
 (530)534-6787, Cell: (530)588-5859

Work Order Agreement

Customer:
 Butte County Mosquito and Vector Control District
 Attn. Matthew Ball
 5117 Larkin Road
 Oroville, CA 95965

Date:	3/14/2022
Work Order	WN22-01

**Project: 2022 Butte County West Nile Green Pool Aerial Surveillance
 Including Oroville Mosquito Abatement District (OMAD)**

Schedule of Items

Item	Description	Quantity	Unit	Amount
BCMVCD				
1	Update Existing Pools GIS Point Layer Add new points and update Parcel Data	1	each	\$550.00
2	Conduct Aerial Surveys Estimated 131,000 acres BCMVCD provides aircraft & pilot	1	each	\$3,200.00
3	Develop Target Pools Reports Estimated 450 targets	1	each	\$8,550.00
SubTotal	BCMVCD			\$12,300.00
OMAD				
1	Update Existing Pools GIS Point Layer Add new points and update Parcel Data	1	each	\$50.00
2	Conduct Aerial Surveys Estimated 6,600 acres BCMVCD provides aircraft & pilot	1	each	\$210.00
3	Develop Target Pools Reports Estimated 35 targets	1	each	\$570.00
SubTotal	OMAD			\$830.00
Total				\$13,130.00

See Technical Proposal for descriptions of listed tasks. Other survey areas may be added at a price of \$95.00 per hour plus aircraft expenses. The total project cost shall not exceed \$16,000.00 without amendment of this agreement.

Signed:
 Butte County Mosquito and Vector Control District

Ron O'Hanlon and Associates

Ron O'Hanlon 3/14/22

Matthew Ball, Project Manager

Date

Ron O'Hanlon, Owner

Date

**Butte County Mosquito and Vector Control District
2022 West Nile Virus Green Pool Survey Program**

**Proposed Work Order
By
Ron O'Hanlon and Associates**

Introduction

Scope of Project: Conduct aerial surveillance of pools and ponds within the Butte County Mosquito and Vector Control District (BCMVCDD) and Oroville Mosquito Abatement District (OMAD). Ron O'Hanlon and Associates (OHANDA) will coordinate with BCMVCDD to designate the boundaries of surveillance areas; the selection criteria for target pools and ponds; the priority of the areas to be surveyed; and the schedule of work. OHANDA shall provide all labor, transportation, tools, and materials (except Government-furnished Property) necessary to perform the requirements of the work.

Government Furnished Property: BCMVCDD will provide the following GIS base layers: BCMVCDD boundaries; and Assessors parcels within the project area. BCMVCDD has provided aircraft and pilot for the aerial surveys in the past and provides a project budget that continues that practice.

Preliminary Work Findings: OHANDA performed the BCMVCDD West Nile Virus Green Pool Survey in 2021. The following is a summary of that work:

- a. Past aerial surveillance for green pools has been centered on valley and foothill communities below 3000 ft in elevation within the BCMVCDD and OMAD.
- b. The areas of 2021's surveillance covered approximately 131,000 acres in BCMVCDD and 6,600 in OMAD.
- c. The 2021 survey was conducted between May 6 and June 1, 2021.
- d. The 2021 survey identified 507 BCMVCDD and 42 OMAD target pools.
- e. Deliverables for 2021 included hardcopy maps and two GIS layers - a) a layer showing the location of existing pool/ponds and b) a layer showing the target pool/ponds including GPS coordinates, Assessor Parcel Number, and physical address.

Statement of Work:

The 2022 West Nile Virus Green Pool Surveillance program is proposed to be conducted in three phases: 1. Update the 2021 GIS layer of existing pools and ponds within BCMVCDD and OMAD; 2. Conduct aerial surveys taking photos of target pools and documenting their location; and 3. Prepare reports of findings. The details of each phase are described below. Before commencing field work, OHANDA will provide a Certificate of Insurance to indemnify BCMVCDD of claims arising from OHANDA's performance of this work.

Phase 1. Update the 2021 GIS Layer of existing pools/ponds.

The 2021 GIS layer of points that shows the location of pools and ponds will be updated as needed to reflect the latest information obtained from aerial surveys and parcel data. The update will include a fresh intersection with the

latest Butte County Assessors Parcel GIS layer to obtain the corresponding AP numbers and physical addresses for each point. The geographic coordinate system and datum will match existing GIS layers used by BCMVCD.

Phase 2, Conduct Aerial surveys.

The proposed price of aerial surveys is based on utilizing the Butte County Sherriff Dept Bell 206B N488BC helicopter.

OHANDA will meet with BCMVCD staff to designate the survey extent, order of work progress, and schedule of the 2022 aerial survey program. A tentative map of the areas to be surveyed is based on the Butte County Mosquito and Vector Control District 2021 Aerial Green Pool Survey Results Map and is included as Exhibit 1. The total area of the tentative survey blocks is approximately 131,000 acres in BCMVCD and 6,600 acres in OMAD.

This proposal is based on flight operations is planned to start the week of May 30,2022. The aerial surveys will consist of six days spaced out over a three-week period, weather permitting, to allow sufficient time to process target data within 3-5 business days to allow BCMVCD staff to make follow-up visits as soon as possible after each block is surveyed.

Preliminary flight lines maps will be prepared that will cover each survey block. Flight lines and existing pools will be loaded into GPS to aide the aircraft operations. Flight lines are proposed to be spaced 600 feet apart and will have an overlap of 150 feet. Flights will be conducted at approximately 2,000 feet above the terrain. Flight line spacing and altitudes are designed to provide a view of entire swath with a viewing angle no greater than 40 degrees from vertical. Flight lines will be tracked via GPS logging positions every second.

Target pools/ponds meeting the selection criteria will be photographed with camera settings that provide a minimum resolution of 0.17 feet per pixel. The camera will be synchronized to the GPS device to facilitate geo-referencing of the photos. Photos and GPS data will be downloaded and backed up at the end of each day's flight operations.

Phase 3. Develop reports.

The reports associated with the 2022 BCMVCD West Nile Virus Green Pool Survey Program will include maps of the routes flown and target pools/ponds identified; a GIS layer of the target pools; and datasheets for each target pool/pond that show photos and location data for each identified target. More specifics for each of these items are provided in the Deliverables section below.

Deliverables:

All hard copy deliverables will be provided 3-5 business days after flight operations for up to 100 targets. When a more than 100 targets are mapped on any survey flight, an addition day will be allowed per 40 targets.

1. **Maps:**
 - a. Flight lines maps displaying routes flown while conducting green pool surveillance.
 - b. Target Pool location maps.
2. **Field visit data sheets:** one hardcopy data sheet will be prepared for each green pool identified in the aerial surveillance. Each field visit data sheet will include two photos of the target pool – an overview and a zoomed in view with a resolution of 0.17 ft per pixel or finer. The data sheets will display the Target Pool ID, the Assessor's Parcel Number, and physical address of the target pool. A 2" by 4" blank text box will provide space for field notes. An example from 2017 is provided as Exhibit 2.
3. **GIS layers:**

- a. Inventory of existing pools and ponds: An updated point layer will be provided that shows the locations of the pools and ponds. The attributes stored on this layer will consist of a unique ID, the Assessors Parcel Number, and the physical address of each point.
- b. Target pools for 2022: A point layer will be provided that shows the locations of the pools and ponds identified as target pools meeting the BCMVCD selection criteria. The attributes stored on this layer will consist of a unique ID, the Assessors Parcel Number, physical address, the 2022 Target Pool ID, the date of the survey, photo2022fid1, photo2022id2, and type of pool/pond for each point.

Project Work Schedule

The following schedule is based on acceptance and award of this proposal by April 15, 2022.

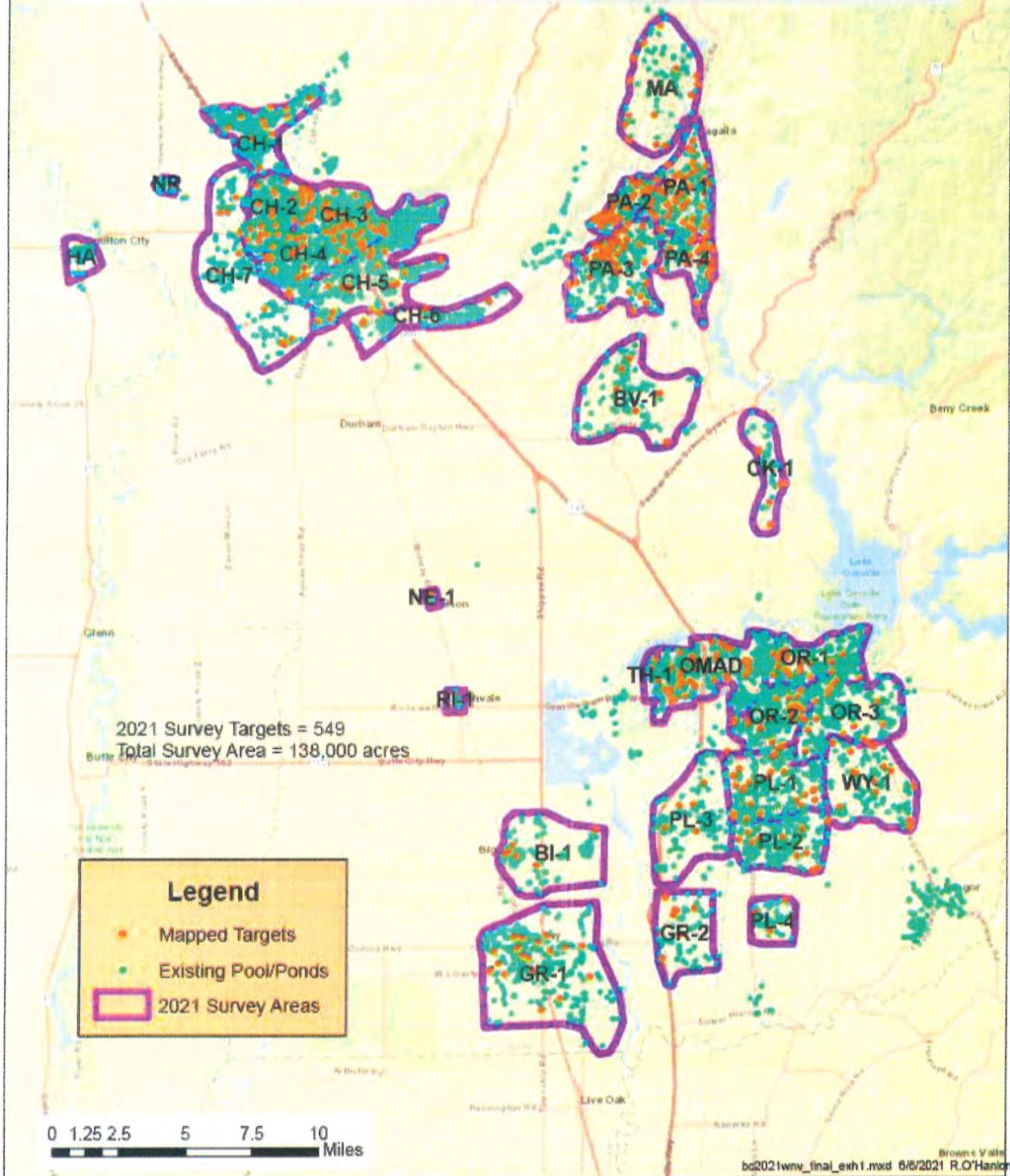
Phase 1. Update of GIS Layer of existing pools/ponds. This updated GIS layer will be completed by May 26, 2022.

Phase 2. Conduct Aerial surveys. Approximately on May 16, 2022 schedule a planning meeting with BCMVCD to finalize work plans and coordinate aircraft operations to be scheduled seven (7) days before aerial operations begin. This meeting will also be used to determine if any other agencies require notification of over flights.

Flight operations commence on approximately May 31, 2022, weather permitting, and will be completed by approximately June 16, 2022.

Phase 3. Develop reports. Reports will be delivered approximately five (5) business days after each flight. The first reports will be delivered approximately June 7 and the final reports on approximately June 23, 2022.

Butte County Mosquito & Vector Control District 2021 Aerial Green Pool Survey Results



Butte County Mosquito and Vector Control District

POLICY MANUAL

POLICY TITLE: Employee Files
POLICY NUMBER: 2140

2140.1 Contents of each employee's file shall be confidential with access limited to the following confidential employees, the District Manager, Assistant Manager, Administrative Manager, or Office Manager. The contents will only be disclosed upon verbal request of the employee to ~~the District M~~anagement~~r or Office Manager~~, to any District insurance carrier who has a legitimate right to such access, to legal counsel of the District, to hearing officers or other court officers who appropriately order disclosure, or to any person who by law has a right to access.

2140.2 Employees are only to examine their verbally requested file in the District office. Employee/Personnel files are to not leave the office unless requested by the District's Manager, the District insurance carrier who has a legitimate right to such access, to legal counsel of the District, to hearing officers or other court officers who appropriately order disclosure, or to any person who by law has a right to access.

Butte County Mosquito and Vector Control District

POLICY MANUAL

POLICY TITLE: Board of Trustees Implementation of Employer-Employee Rules and Regulations
POLICY NUMBER: 2150

2150.1 The following procedures will be followed in implementing the District Employer-Employee Rules and Regulations:

2150.1.1 Any annual negotiations on salary and/or working conditions should be conducted with the aim of completion prior to the January meeting of the Board of Trustees. This provision is intended to implement salary and working condition agreements on a calendar year basis.

2150.1.2 Salary adjustments, if any, for the District Manager, ~~and~~ Assistant Manager, and Administrative Manager will be adopted by the Board of Trustees during the same time or before deciding on the need for salary adjustments or cost of living adjustments for the other employees. This provision is intended to eliminate the possibility of management personnel negotiating on their own during the remaining consideration of salary adjustments.

2150.1.2.1 Whenever the agreement of employment established between the District Manager and the Board of Trustees is in conflict with any District policy, said agreement of employment shall prevail.

2150.1.3 On any issue, other than for cost of living salary adjustment, (or annual salary comparability review) the Board of Trustees will take no action, nor give instructions to its negotiators, unless and until some formal, detailed, written request for change is made by one or more employee(s) or an employee organization. Any formal request for change should be written and posted (in each briefing room), and a time established for all other requests for change to be submitted, so that all the proposed changes can be considered as a group.

2150.1.4 The Board of Trustees in executive session should review all proposed changes including cost of living adjustments, if appropriate and timely, and provide negotiating limits which would be acceptable to the Board of Trustees.

2150.1.5 Negotiating instructions as given or amended in executive sessions should be decisions which will be clearly supported by a majority of the Board of Trustees members.

2150.1.6 The meet and confer process should encourage the full understanding of the issues being negotiated. It is always the intent of the Board of Trustees to complete a reasonable negotiated settlement, taking into consideration the views of all the employees.

2150.1.7 If the parties are not able to reach agreement within the Board of Trustees instructions, a last, best and final offer of the District will be reviewed in executive session. Once concurrence by the Board of Trustees is reached, the offer will be sustained by the Board of Trustees.

2150.1.8 In case of impasse, where the last, best and final offer is not agreed to by any party to the negotiation, the Board of Trustees will use a formal hearing procedure, where statements will be heard, the hearing closed, and discussion then limited to the Board of Trustees. Only in cases of

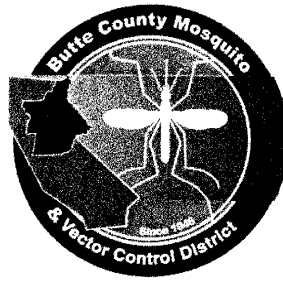
extreme or compelling circumstances not previously disclosed and considered in meet and confer will the Board of Trustees order the issue reconsidered in meet and confer. In all other circumstances, the issue will be openly decided by the Board of Trustees following the formal hearing, using a rebuttal presumption that the last, best and final offer should be adopted.

2150.1.9 The Board of Trustees in open session will hear arguments on issues in dispute in the negotiation process only when an impasse is declared. They will not publicly or privately discuss issues which are under active negotiation in the meet and confer process.

2150.1.10 In making any determination on impasse, following a last, best and final offer, any benefits granted to any employee as a result of the hearing process will be granted to all eligible employees.

2150.1.11 The "equal benefits for all employees" policy previously adopted by the Board of Trustees shall not preclude the need for or propriety of separate agreements with different bargaining units, consistent with good labor management practice.

AGGRESSIVE MOSQUITO CONTROL PROGRAM



Return by Hand, or Mail to:

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

2022 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 2022.

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 \$43.51 per flooded acre for each irrigation/flood event for 2022 (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 2022 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.

2022 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 2022 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 2022

<p>Application Rate</p> <p>6lbs/acre</p> <p>7lbs/acre</p> <p>8lbs/acre</p> <p>9lbs/acre</p> <p>10lbs/acre</p> <p>11lbs/acre</p> <p>12lbs/acre</p> <p>13lbs/acre</p>	<p>Cost Per Acre Vectobac G</p> <p>\$25.22</p> <p>\$27.05</p> <p>\$28.88</p> <p>\$30.70</p> <p>\$32.53</p> <p>\$34.36</p> <p>\$36.19</p> <p>\$38.02</p>	<p>Application Rate</p> <p>5lbs/acre</p> <p>6lbs/acre</p> <p>7lbs/acre</p> <p>8lbs/acre</p>	<p>Cost Per Acre Altosid SBG II</p> <p>\$32.53</p> <p>\$36.19</p> <p>\$39.85</p> <p>Capped amount \$43.51</p>
<p>Application Rate</p> <p>5lbs/acre</p> <p>6lbs/acre</p> <p>7lbs/acre</p> <p>8lbs/acre</p>	<p>Cost Per Acre VectoPrime FG</p> <p>\$35.62</p> <p>\$38.81</p> <p>\$43.09</p> <p>\$47.36</p>	<p>Application Rate</p> <p>8lbs/acre</p> <p>9lbs/acre</p> <p>10lbs/acre</p> <p>11lbs/acres</p>	<p>Cost Per Acre Aquabac 200G</p> <p>\$30.61</p> <p>\$32.65</p> <p>\$34.70</p> <p>\$36.75</p>

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.

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 \$43.51 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 \$25.22 to \$38.02 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 \$32.53 to \$43.51 depending on field conditions, larval populations, and rate used. Applications made by the District using Aquabac 200G granules will be made at label application rates costing between \$30.61 to \$36.75 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 \$35.62 to \$47.36 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, 266 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

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

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 \$43.51 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.

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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 **2nd Saturday in October**, but subject to no mosquito abatement costs after the 2nd Saturday in October and before the **1st 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.

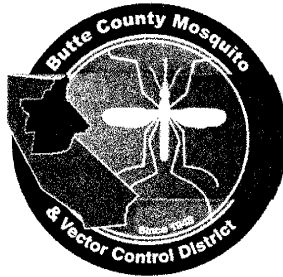
The District prefers to work in cooperation with all landowners. If the District receives no response confirming a cooperative agreement for the 2021 year, and a public nuisance is found to exist (mosquito larvae and/or pupae), the District will have no choice but to proceed with a formal abatement action 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

MOSQUITO CONTROL TO ORGANIC CROPS



Return by Hand, or Mail to:

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

2022 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 2022.

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 Aquabac 200G.
4. Clean the application equipment and document the cleaning annually or as needed prior to the application of the organic field(s).
5. If Aquabac 200G is chosen and three or more larva per dip are present by the GROWER, invoice _____ Farms/Ranch/Grower for the additional expense of using Aquabac 200G instead of VectoBac 12AS on the organic field(s) (invoice not to exceed \$17.96 per acre for an application for the 2022 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 Aquabac 200G, after checking with the organic grower's certifying agent (if different than CCOF) for approval for the use of NOP listed and CCOF approved Aquabac 200G on the organic field(s), and reimburse the Butte County Mosquito and Vector Control District for the additional expense of using Aquabac 200G instead of VectoBac 12AS on the organic field(s), if the field(s) breed(s) mosquitoes at three per dip on three or more acres (payment not to exceed \$17.96 per acre, per application for the 2022 calendar year).
 - B.** Choose VectoBac 12AS (not OMRI nor NOP listed) for the Butte County Mosquito and Vector Control District to use on organic field(s) at no charge as it 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 Aquabac 200G 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

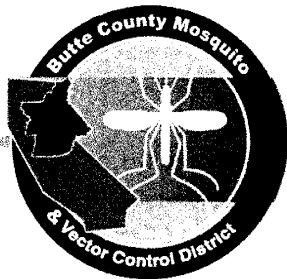
Signature

Signature

Date

Date

Please return this signed M.O.U. by **June 9, 2022**. **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.**



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

Matthew C. Ball
Manager

Date

Name

Street Address

City, State Zip Code

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 thuringiensis 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 non organic rice production areas at no expense to the grower.
- Request the District to treat mosquitoes in the organic field(s) with Aquabac 200G 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 Aquabac 200G 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, Ph.D., California Cooperative Rice Research Foundation Director
Carl Hoff, Butte County Rice Growers Association President

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, 266 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 \$7.49 to \$9.66 per acre (depending on application rate and field conditions) and for organic rice fields \$31.62 to \$37.77 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, Ph.D., California Cooperative Rice Research Foundation Director
Carl Hoff, Butte County Rice Growers Association President