



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:** August 14, 2024
2. **Call to Order** – 4:00 PM (Call Roll)
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:** July 10, 2024
5. **Persons Wishing to Address the Board Pertaining to Closed Session Matters:**
6. **Closed Session Announcement (District Legal Counsel Present):** None
7. **Reports: (7.1 – 7.2)**
- 7.1 **District Manager's Report**

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

The Assistant Manager and District staff members present, will provide reports on the business and activities of the District's departments. District departments include, Entomology, Ground Operations, Aircraft Operations, and Public Information and Outreach.
8. **Policy Matters: (8.1 – 8.3)**
- 8.1 **Consider a Capital Expenditure for an Ultra-Low Upright Freezer**

The Board will be asked to consider a capital expenditure for an ultra-low upright freezer from Across International in the amount of \$6,880.00. This item was budgeted for.

8.2 Consider a Capital Expenditure for an Electric Gate for the Chico Substation

The Board will be asked to consider a capital expenditure for an electronic gate for the Chico Substation by The Door Company in the amount of \$8,333.00. This item was budgeted for.

8.3 Consider Amendment(s) to Personnel Policy, Policy 7062, Catastrophic Leave.

The Board will be asked to consider amendment(s) to Personnel Policy, Policy 7062, Catastrophic Leave.

9. Topic of the Month:

The Board will hear a brief report on the biology of *Anopheles freeborni*.

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:

The Board will review a letter from California Special Districts Association, Special District Leadership Foundation.

13. Other Business: N/A

14. Persons Wishing to Address the Board Pertaining to Closed Session Matters: N/A

15. Closed Session Matters (District Legal Counsel Not Present): N/A

16. Adjournment: (Next Regular Meeting of the BCMVCD Board of Trustees is September 11, 2024)

Regular Minutes of the Board of Trustees of the Butte County Mosquito and Vector Control District Meeting held July 10, 2024

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

Members Excused: Darlene Fredericks and Andy Haymond.

Members Absent: None.

Also Present: District Manager Matt Ball, Assistant Manager Aaron Lumsden, Administrative Manager Maritza Sandoval, Entomologist Amanda Bradford, and Kyle Tankard of SCI.

1. The Regular Meeting of the Board of Trustees of the Butte County Mosquito and Vector Control District held on July 10, 2024, at 444 Otterson Drive, Chico, CA 95928.
2. The July 10, 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. 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 Johnson, seconded by Member Ostling, and passed unanimously with a vote of 8 ayes and 0 nays to approve the minutes of the Board of Trustees meeting held June 12, 2024, as written, with members Kirk, LaRocca, and Smith abstaining due to their absences.
5. No persons wishing to address the Board on closed session matters.
6. No closed session matters needing legal counsel.
7. Under item 7, at 4:02 PM President Sheppard opened the public hearing regarding Resolution No. 24-04, a Resolution of the Board of Trustees of the Butte County Mosquito and Vector Control District, a resolution approving the Engineer's Reports, confirming the assessment diagram and assessment, and ordering the levy of assessments for fiscal year 2024-2025 for the Mosquito, Vector and Disease Control Assessment. The District Manager and Kyle Tankard provided a report and explained the process of Proposition 218. After the public hearing was closed at 4:07 PM, it was then moved by Member Johnson, seconded by Member Kirk, and passed unanimously with a vote of 8 ayes and 0 nays to adopt Resolution No. 24-04 a Resolution of the Board of Trustees of the Butte County Mosquito and Vector Control District approving the Engineer's report, confirming diagram and assessment, and ordering levy of the Mosquito, Vector and Disease Control Assessment for fiscal year 2024-2025.
8. Reports (8.1 – 8.4)
 - 8.1 Under item 8.1 of reports, District Manager's Report, the District Manager reported that on June 13, 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 June 17, 2024, District management attended the monthly West Nile Virus Task Force Meeting with Butte County Department of Public Health. The monthly meeting discusses mosquito abundance surveillance, mosquito-borne disease surveillance, mosquito surveillance, and public education and outreach efforts.

On June 19, 2024, District management attended a webinar to review and discuss SB 553, Workplace Violence Prevention Program(s). The webinar was extremely informative and educational. The District is compliant with the new law.

On June 21, 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 June 25, 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. District management also attended this same meeting on July 9.

On June 26, 2024, the Administrative Manager made an advanced discretionary payment to CalPERS towards the District's unfunded liability as budgeted.

The District was closed on July 4, 2024, in observance of Independence Day.

On July 9, 2024, District management attended the Sac Valley Region meeting. The Regional meeting reviews MVCAC Board action items, business of the MVCAC, receive reports from MVCAC committees, reports from CDPH, vendors, and attending districts.

- 8.2 Under item 8.2 of reports, the Assistant Manager reported that the District's New Jersey light traps have continued catching mosquitoes. *Culex pipiens* populations are much higher than the previous year. *Culex tarsalis* populations are much lower than this time last year. Most mosquito species populations have increased over the past month. Sentinel chickens sera samples are continuing to be taken biweekly. CO2 trapping has continued and traps are being deployed routinely. Mosquito pools are being submitted for mosquito-borne disease. As of July 2nd, 90 pools have been submitted; with none of the pools being positive. Also, *Aedes aegypti* has been detected a total of 14 times in Chico, 19 times in Oroville, and 1 time in Hamilton City.

As of July 2nd, West Nile Virus (WNV) activity has not been detected within the District's service area. WNV has been identified in 203 mosquito pools, and 61 dead bird in California to date.

The District's four indoor fish tanks are still offline, undergoing annual maintenance. The District's outdoor fish ponds are continuing to produce high amounts of fish.

Mosquito and Vector Control Specialists (Specialists) have continued with mosquito surveillance and treatments in rock pits, dredger pits, flood water areas, agricultural, ditches, drains and urban sources. Service requests for inspections, fish, and treatments have increased over the past month, with 341 requests taken in the month of June. The District has also commenced night-time ground adulticiding operations on a regular basis.

As of July 2nd, the District has treated 3,319 acres of wetlands; compared to 3,905 acres at this time last year. The District has treated 4,149 acres of rice this year, compared to 18,712 acres at this time last year. The District has made 0 ULV adulticide treatments thus far, compared to 5 ULV adulticide treatments at this time last year.

The Public Relations (PR) Department is reviewing and updating (if needed) the District's website, brochures, photo and video files, and other informational documents. The District public service announcements continue to run on newspapers, radio, television, and digital advertising.

- 8.3 Under item 8.3 of reports, 2023/2024 4th Quarter Fiscal Reports, the Administrative Manager reported that salaries and benefits category is 97.6% expended, services and supplies category is 98.8% expended, capital outlay category is 98.6% expended. It was then stated that overall expenditures are currently at 98.1% expended and current revenues are at 116.4% received.

- 8.4 Under item 8.4 of reports, 2nd Quarter Newsletter, the Assistant Manager reviewed the 2nd Quarter Newsletter with the Board.

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

9. Policy matters (9.1 – 9.11)

- 9.1 Under item 9.1 of policy matters, the Board was asked to consider adopting the 2024/2025 fiscal budgets as final as well as Resolution No. 24-05. The District Manager and Administrative Manager reviewed and explained the budgets and reported the proposed changes made to the preliminary budgets. A typo was discovered, and it was then moved by Member Kirk, seconded by Member LaRocca, and passed unanimously with a vote of 8 ayes and 0 nays to approve and adopt Resolution No. 24-05 and the 2024/2025 fiscal budgets as final as amended at the Board meeting.
- 9.2 Under item 9.2 of policy matters, the Board was asked to consider renewing membership with the AMCA. The District Manager informed the Board of the benefits of belonging to the association. The cost for a sustaining membership is \$2,700.00. It was then moved by Member LaRocca, seconded by Member Schuster, and passed unanimously with a vote of 8 ayes and 0 nays to renew membership with the AMCA in the amount of \$2,700.00.
- 9.3 Under item 9.3 of policy matters, per the direction of the Board at the June 12, 2024, Regular Meeting of the Board of Trustees, the Board was asked to consider adopting Resolution No. 24-06, Appreciation for Meritorious Service to the District Employees of the Butte County Mosquito and Vector Control District's Safety Committee. It was then moved by Member Schuster, seconded by Member Ostling and passed unanimously with a vote of 8 ayes and 0 nays to approve and adopt Resolution No. 24-06.

- 9.4 Under item 9.4 of policy matters, the Board was asked to consider approving a transfer of \$33,500.00 from Accumulated Capital Outlay Reserve to Capital Outlay- Buildings and Improvements budget to cover the progress payments made throughout the fiscal year for the new 2,500 gallon above ground storage tank approved by the Board during the April 12, 2023, Board of Trustees meeting. It was then moved by Member Schuster, seconded by Member Starkey, and passed unanimously with a vote of 8 ayes and 0 nays to approve the transfer of \$33,500.00 from Accumulated Capital Outlay Reserve to Capital Outlay- Buildings.
- 9.5 Under item 9.5 of policy matters, the Board was asked to consider a capital expenditure for a Falcon 9" Satloc Pro System for the District's aircraft. The District Manager reported that this expenditure had been budgeted for. It was then moved by Member Johnson, seconded by Member Ostling, and approved unanimously with a vote of 8 ayes and 0 nays to approve the capital expenditure for a Falcon 9" Satloc Pro System.
- 9.6 Under item 9.6 of policy matters, the Board was asked to consider a capital expenditure for the rebuild of the District's R-985-AN14B aircraft engine. The Board originally approved a quote of \$22,900.00 plus tax and fees at the November 9, 2022, Board meeting. The engine has finally been diagnosed and the quote for all the work that needs to be completed is \$25,000.00 plus freight, taxes, and applicable fees. It was then moved by President Sheppard, seconded by Member Smith and approved unanimously with a vote of 8 ayes and 0 nays to approve the capital expenditure for the rebuild of the District's R-985-AN14B aircraft engine in the amount of \$25,000.00, plus an additional 20% to cover any unanticipated and unforeseen costs, plus any applicable fees (taxes, customs, freight, shipping, etc.).
- 9.7 Under item 9.7 of policy matters, the Board was asked to declare various items on the District's asset list surplus to need and authorize the pieces to be disposed of. It was then moved by Member LaRocca, seconded by Member Schuster, and passed unanimously with a vote of 8 ayes and 0 nays to declare the various items surplus to need as presented to the Board.
- 9.8 Under item 9.8 of policy matters, the Board was asked to consider adopting Operations Policies, Policy 3027, Fund Balance. This policy is to create enhanced transparency and is a new requirement for the District's Certificate of Transparency. It was then moved by Member Starkey, seconded by Member Kirk, and passed unanimously with a vote of 8 ayes and 0 nays to adopt Operations Policies, Policy 3027, Fund Balance.
- 9.9 Under item 9.9 of policy matters, the Board was asked to consider amendment(s) to Personnel Policies, Policy 7120, Expenses, Travel Costs, Education Costs, and Certification Costs. The amendment to this policy is to be in accordance with Government Code 53065.5. It was then moved by Member Schuster, seconded by Member Ostling, and passed unanimously with a vote of 8 ayes and 0 nays to approve the amendment(s) to Personnel Policies, Policy 7120, Expenses, Travel Costs, Education Costs, and Certification Costs.
- 9.10 Under item 9.10 of policy matters, the Board was asked to consider amendments to General Policies, Policy 3025, Budget Preparation. It was the moved by Member Ostling, seconded by Member Johnson, and passed unanimously with a vote of 8 ayes and 0 nays to approve the amendments to General Policies, Policy 3025, Budget Preparation.
- 9.11 Under item 9.11 of policy matters, the Board was asked to consider amendments to Operations Policies, Policy 3035, Fixed Asset Capitalization. It was then moved by Member Schuster, seconded by Member Kirk, and passed unanimously with a vote of 8 ayes and 0 nays to approve the amendments to Operations Policies, Policy 3035, Fixed Asset Capitalization.
10. Under topic of the month, the District's Entomologist gave a presentation on biology of *Culex tarsalis*.
11. 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 8 ayes 0 nays to authorize checks numbered 54035 through 54190 be signed and distributed. Expenditures for the month totaled \$734,923.82.
12. No items of personnel to report.
13. No items of correspondence to report.
13. Under other business to report, President Sheppard queried the Board if they would like to personally donate funds to a memorial tree for past President, Dr. Albert Beck.
14. No persons wishing to address the Board pertaining to closed session matters.
15. No closed session matters warranting legal counsel.

16. 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 August 14, 2024, at the Chico Substation's Board Room at 444 Otterson Drive, Chico, CA 95928.

Respectfully submitted,

Melissa Schuster,
Secretary

On July 11, 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. The District Manager attended the MVCAC Summer Board meeting remotely via Zoom.

On July 15, 2024, the District's air compressor was tested and passed all inspections. This was the second test for the year as the first test was not submitted due to the contractor.

On July 17, 2024, the District Manager attended a meeting with Cal Rice, the Audubon Society, the Nature Conservancy, and Point Blue to review a Migratory Bird Conservation Partnership program where local property owners, including wetland owners and rice growers, will participate in a program to flood properties for shorebird habitat.

On July 18, 2024, the District Manager met with a representative of Central Life Sciences to discuss products, pricing, and product availability.

On July 23, 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 July 25, 2024, the District Manager met with a representative of Azelis to discuss products, pricing, and product availability.

On July 31, 2024, the District Manager met with the AB 896 working group to discuss wetlands, mosquito surveillance and control practices on wetlands, and reviewed several projects.

On August 1, 2024, the District had final inspections of the new above ground storage tank. The tank passed all inspections and tests, then finally received a successful delivery of avgas 100II. The new tank is now operational.

On August 6, 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 August 12, 2024, District management attended the monthly West Nile Virus Task Force Meeting with Butte County Department of Public Health. The monthly meeting discusses mosquito abundance surveillance, mosquito-borne disease surveillance, mosquito surveillance, and public education and outreach efforts.

LAB / VECTOR SURVEILLANCE: The District's New Jersey light traps have continued catching mosquitoes (Attachment 1). According to the graph, *Culex pipiens* and *Culex tarsalis* populations are higher than the previous year at this time, but are lower than past years. *Anopheles freeborni* has began to increase over the past month. Sentinel chickens sera samples are continuing to be taken biweekly. CO2 trapping has continued and traps are being deployed routinely. Mosquito pools are being submitted for mosquito-borne disease. As of August 6th, 244 pools have been submitted; with 17 of those pools being positive . Also, *Aedes aegypti* has been detected a total of 42 times in Oroville, 41 times in Chico, 5 times in Thermalito, 3 times in Hamilton City, and 1 time in Biggs.

VIRUS SURVEILLANCE: West Nile virus (WNV) activity has increased within the District's service area with a total of 1 positive human, 4 dead birds 17 positive pools and 1 positive chicken coop. WNV has been identified in 5 human cases, 184 dead birds, 732 mosquito pools, 20 chickens, and 2 horse in California to date (Attachment 2).

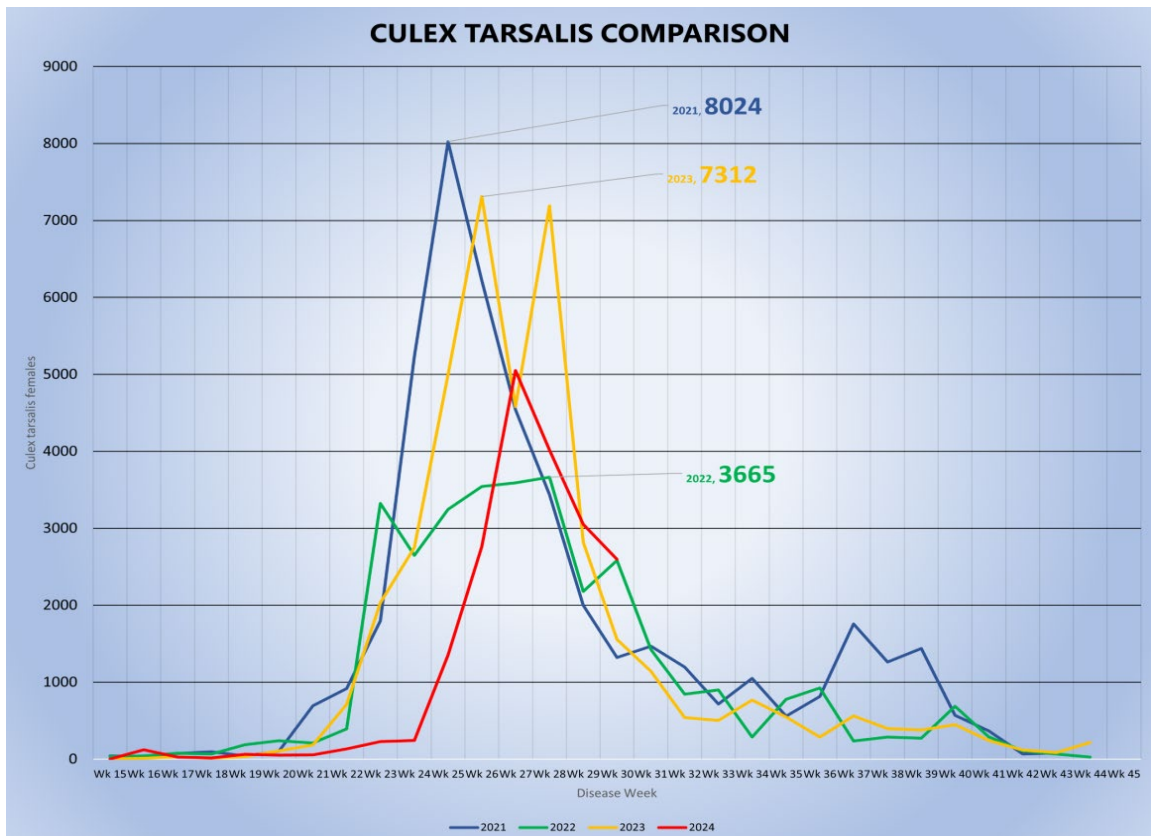
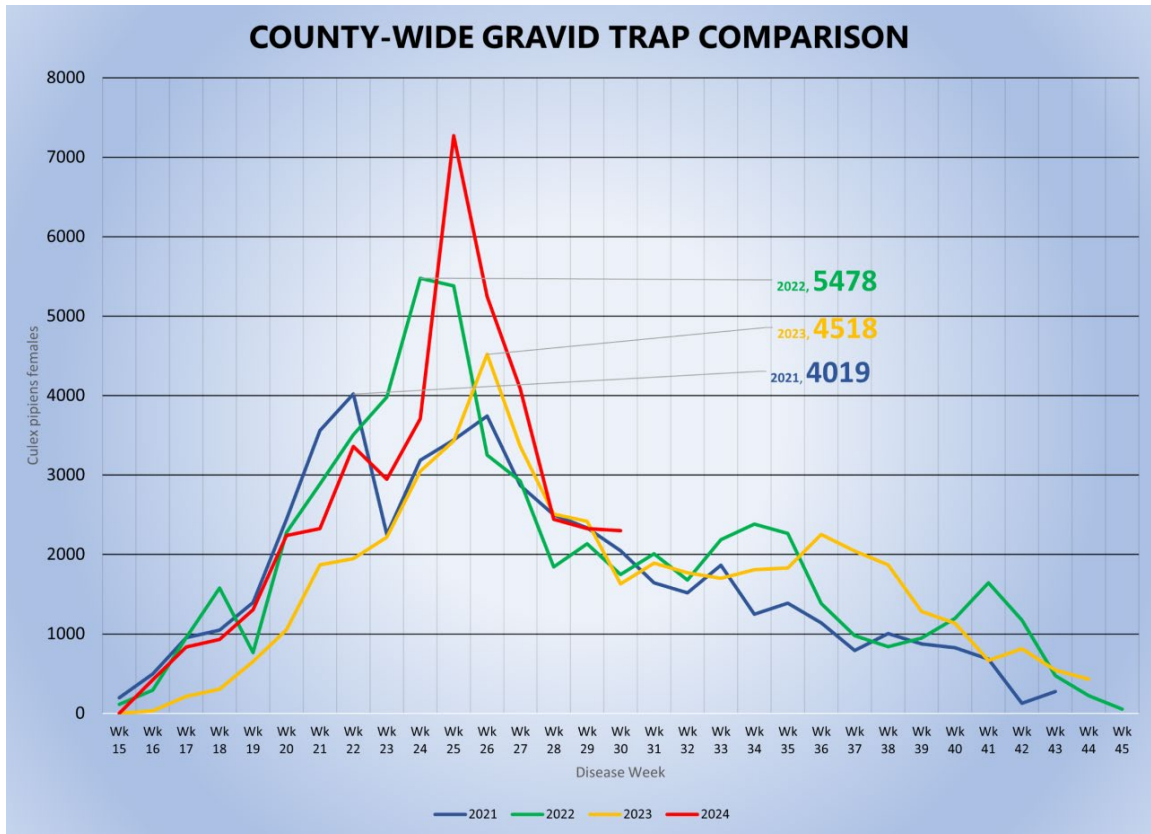
MOSQUITOFISH OPERATIONS: The District's four indoor fish tanks have undergone annual maintenance and are being prepared to be loaded with fish. The District's outdoor fish ponds continue to produce high amounts of fish.

CONTROL OPERATIONS: Mosquito and Vector Control Specialists (Specialists) have continued with mosquito surveillance and treatments in rock pits, dredger pits, flood water areas, agricultural, ditches, drains and urban sources. Service requests for inspections, fish, and treatments have increased over the past month with a total of 304 taken.

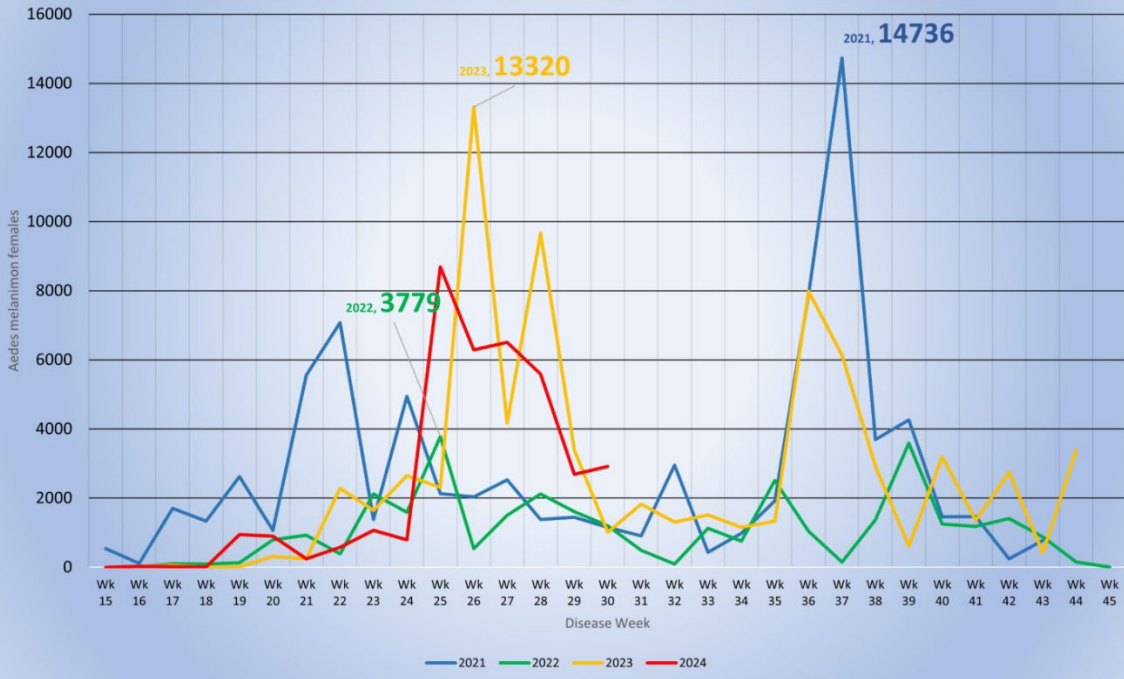
AIRCRAFT OPERATIONS: As of August 5th, the District has treated 6,083 acres of wetlands; compared to 6,149 acres at this time last year. The District has treated 27,015 acres of rice this year, compared to 36,496 acres at this time last year. The District has made 0 ULV adulticide treatments thus far, compared to 8 ULV adulticide treatments at this time last year.

PUBLIC INFORMATION & OUTREACH: The Public Relations (PR) Department is reviewing and updating (if needed) the District's website, brochures, photo and video files, and other informational documents. The District public service announcements continue to run on newspapers, radio, television, digital advertising, billboards, bus stop shelters, and on buses. On August 2, 2024, the District did a presentation for the Rotary Club in Chico.

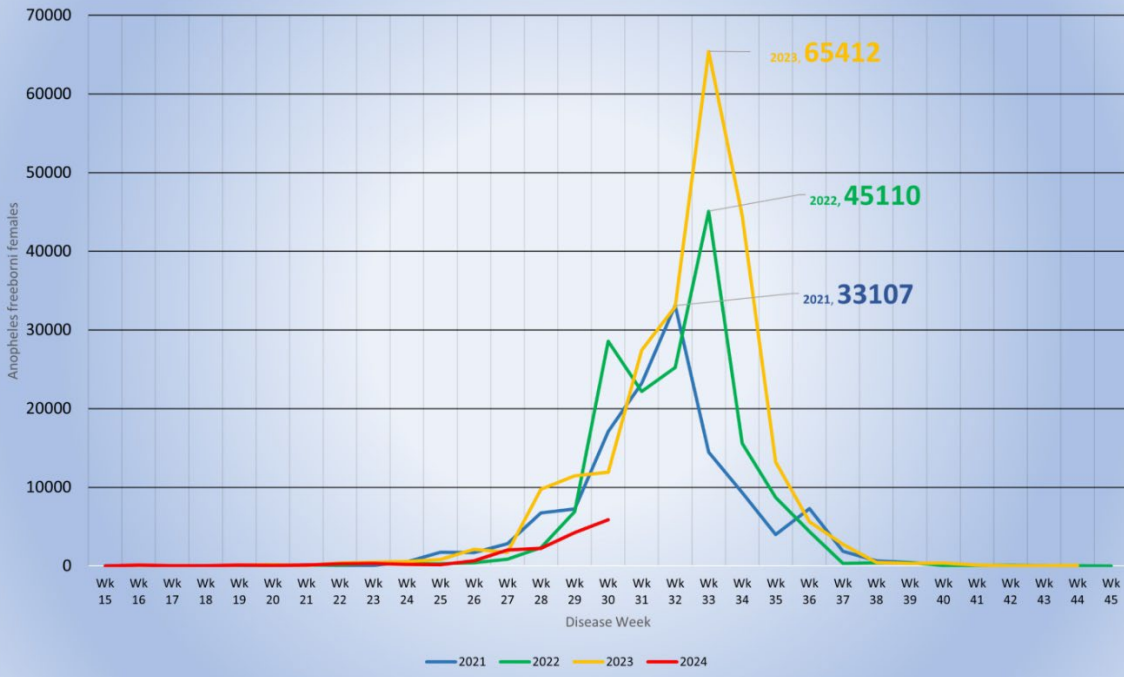
Attachment #1



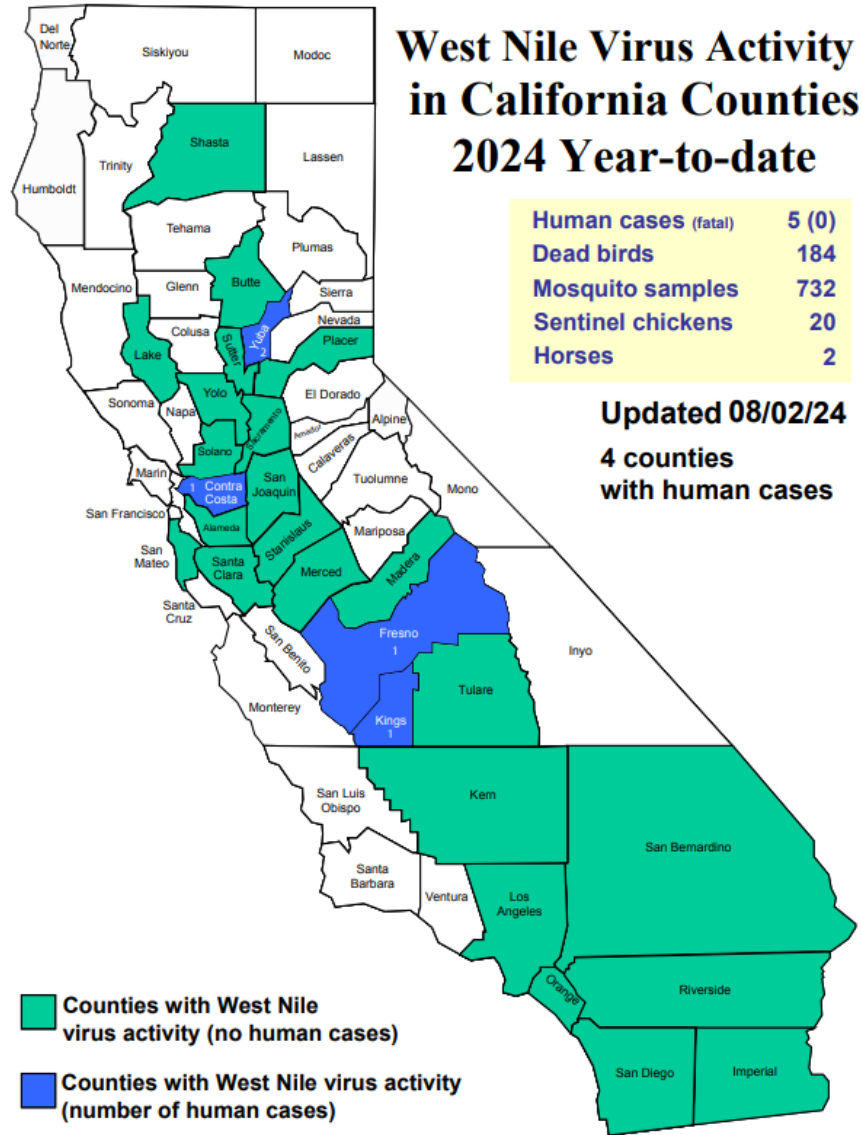
AEDES MELANIMON COMPARISON



ANOPHELES FREEBORNI COMPARISON



Attachment # 2



	Humans	Horses	Dead Birds	Dead Squirrels	Mosquito Pools	Sentinel Chickens
2004	7	18	118	0	1	50
2005	25	7	79	0	4	15
2006	34	0	40	1	1	49
2007	16	0	27	0	5	32
2008	6	0	38	0	5	31
2009	2	0	13	0	5	36
2010	1	1	6	1	7	7
2011	3	0	0	0	1	20
2012	10	2	53	2	27	43
2013	24	0	42	1	38	57
2014	25	0	22	0	43	37
2015	55	0	38	0	101	37
2016	21	0	22	0	48	38
2017	3	0	5	0	49	31
2018	12	0	4	0	49	37
2019	5	0	1	0	45	34
2020	4	1	4	0	31	23
2021	12	0	2	0	80	26
2022	3	0	2	0	39	26
2023	18	1	2	0	70	31
2024	1	0	4	0	17	1
Totals	286	30	518	5	649	661



Material Processing Equipment
ISO 9001:2015

111 Dorsa Ave
Livingston NJ 07039-1002
USA

SALES QUOTATION

Quotation No.: 31009
Quotation Date: 06/20/24
Valid Until: 09/20/24
Customer No.: C149706
Page No.: Page 1 of 1

BILL TO	SHIP TO	TOTAL DUE
Butte County Mosquito and Vector Control District 5117 Larkin Road Oroville CA 95965 USA	Butte County Mosquito and Vector Control District 5117 Larkin Road Oroville CA 95965 USA	\$ 6,880.00

Sales Employee: Matt Grazko
Contact Name: Amanda Bradford
Terms: Credit Card

Item No.	Description	Availability	Quantity	MSRP	Discount %	Unit Price	Total
G04h.110	Ai RapidChill 4 Cu Ft -86°C Ultra-Low Upright Freezer UL - 110V	In Stock	1	\$ 7,490.00	18%	\$ 6,141.80	\$ 6,141.80
FedEx LTL Eco	Shipping-FedEx Freight Economy		1	\$ 231.50		\$ 231.50	\$ 231.50
Shipping FedEx ECONOMY Freight from NV - \$231.50 Estimated transit time 2-4 business days							
Shipping FedEx PRIORITY Freight - \$241.50 Estimated transit time 1-3 business days							
***Lift-gate NOT INCLUDED in shipping please specify if needed (+\$50.00) ***							

PAYMENT

-Make credit card payment, please call 888-988-0899, option 1 to remit payment
 -Make checks payable to Across International LLC, 111 Dorsa Ave, Livingston NJ 07039
 -For bank wire transfer: Payable to Across International LLC Bank: Chase Bank
 Bank Address: 56 W Mount Pleasant Ave, Livingston, NJ 07039 USA
 Routing# ACH/TT: 021202337, wire transfer 021 000 021
 Account# 83152 7895 Swift# CHASUS33

Subtotal	\$ 6,373.30
Tax	\$ 506.70
Total	\$ 6,880.00

**For wire transfer within U.S, please include \$20.00 bank charge with your remittance.
 For wire transfer outside U.S, please include \$40.00 bank charges with your remittance**

WARRANTY & RETURNS:

Please refer to specific product webpage for warranty information. 15% restocking fee applies to returns accepted within 30 days of purchase. Items must be unused with original parts and packaging materials. Shipping, handling, and customized items are non-refundable. For more information, please visit www.acrossinternational.com



Ai RapidChill 4 CF -86°C Stackable Ultra Low Freezer UL 110V

\$6,741.00 \$7,490.00

Finance with
32" **APPROVE**

As low as
\$158/mo

Apply in 60 seconds | Lenders compete

- Description
- Specifications
- Standard Packages

Description

Specifications

Model	G04h
Electrical requirements	110V (+/-10%) 60Hz 1-Phase 680W 6A
Power consumption	5.5 kW/day
Performance	Temperature range: -40°C to -86°C Time from ambient to -86°C: 4 hours Uniformity: ±4°C Time from -86°C to -50°C with door close (ambient 25°C): 2 hours
Controller	<ul style="list-style-type: none"> - Style: microcomputer controlled with analog display - Range -40°C to -86°C - Step: 1°C - Thermo sensor: PT100 - Displays: internal temperature, ambient temperature, input voltage, error code - Indicators: Locked, running, power, alarm, door open, over temperature

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Allow Cookies

battery low, condenser clean

Compressor	<p>Make: SECOP (formerly known as Danfoss), Germany</p> <p>Style: direct cooling</p> <p>Power: 115V 60Hz 1-PHASE, 0.54HP</p> <p>Number of compressors: one</p> <p>HC refrigerants: R600A, R1150 and R50</p>
Chamber	<p>Dimensions: 13 x 19.5 x 24.5" (WxDxH)</p> <p>Material: powder coated steel</p> <p>Effective capacity: 3.5 Cu Ft</p> <p>Insulation: VIP (Vacuum Insulated Panel)</p> <p>5x5x2" cryo box capacity: 60</p>
Shelf	<p>Come with unit: one adjustable shelf (2 compartments)</p> <p>Material: 304 stainless steel</p>
Door and gasket	<p>Inner door: two, stainless steel</p> <p>External door: one, with four layers of silicone sealing gaskets, lock-able</p>
Access port	One
Noise level	46 dBA
Communication	<p>Standard: RS-485, USB (stores 15 years of data for compliance purpose)</p> <p>Optional: 4-20mA transmitter</p>
Working environment	<ul style="list-style-type: none"> - Temperature: 10°C to 32°C (humidity <57% Rh required at 32°C) - Humidity: <80% Rh - Altitude: < 2000 m / 6561 Ft - Stable, well-ventilated platform with no excessive dust - Keep freezer at least 12 inches from any walls or ceiling - Use dedicated power, do not share outlet - Extension power cable should be less than 10 feet is required - Freezer and power outlet should be grounded properly - Avoid direct sunlight, water spill and do NOT use freezer outdoor - Clean condenser fins and remove frost inside chamber at least once a month
Battery backup system	48 hours (for controller display and alarms only)

We use cookies to make your experience better. To comply with the new e-Privacy directive, we need to ask for your consent to set the cookies. [Learn more.](#)

- Important! Do not plug in your unit. Leave your Ai refrigerator or freezer for 24 hours before turning the unit on for the first time.

Unit/shipping weight & dimensions

240 Lbs / 300 Lbs
30 x 26 x 32" / 33 x 29 x 35" (WxDxH)

Safety

Compressor over-temp protection
Ambient over-temp protection
Compressor power surge delay protection
Password protection
Sensor failure protection
Over-temperature and low-temperature protection
Power failure protection
Low battery, door open, condenser clogging, system failure alarms
External door with lock
Ground protection

Compliance

UL 61010-1
CSA C22.2

Warranty

2-year full service, 3-year parts, 5-year compressor

FAQ

Related Posts

Overview



We use cookies to make your experience better. To comply with the new e-Privacy directive, we need to ask for your consent to set the cookies. [Learn more.](#)

Butte Mosquito - K203ULT

Amanda Bradford
 a Bradford@buttemosquito.com
 5305336038

K2 Scientific
 3029 Horseshoe Lane
 Suite D
 Charlotte, NC 28208
 US

Reference: 20240228-150434562

Bill to: Amanda Bradford Butte County Mosquito and Vector Control District 5117 Larkin Road
 Oroville, CA 95965-9250

Prepared by: Mackenzie Austin

Ship to: ,

Inside Sales
 Representative
 mackenzie@k2sci.com
 800-218-7613 ext 1014

If any of the information above is incorrect, [please click here to update billing and/or shipping information.](#)

Quote created: February 28, 2024

Quote expires: August 31, 2024

Total **\$6,318.00**

SKU	PRODUCTS & SERVICES	UNIT PRICE	QUANTITY	TOTAL
K203ULT	3 Cu. Ft. Ultra Low Temperature Freezer	\$5,895.00	1	\$5,895.00
VL-VPLS3-US120	Vital Power Log (VPL)	\$99.00	1	\$0.00 after \$99.00 discount
VL-VPLP-6	VPL Premium Subscription - 6 Mos. Free Monitoring	\$30.00	1	\$0.00 after \$30.00 discount

SUMMARY

One-time subtotal	\$5,895.00 after \$129.00 discount
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Flat Rate Shipping - Includes Liftgate + Inside Delivery	\$423.00
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Total

\$6,318.00

Comments:

In stock and readily available to ship, as of 01/28/2024.

7KwH Battery Backup Run Time: 10 Hours

Cost After Tax Rebate: \$4,616.50

Contact your sales representative now to include this in your quote!

Additional item to consider:

[Battery Backup](#) - to ensure consistent conditioned power and power backup during brown and blackouts. Qualifies for a 30% energy tax credit.

[Request Battery Backup Quote](#)

Policies you may find helpful:

- [Receipt of Goods Policy](#) ~ to ensure you are covered in the unlikely event of freight damage.
- [Freight Damage Policy](#) ~ in the unlikely event of freight damage, the steps to follow.
- [Return Policy](#) ~ if the unit(s) received need to be returned to K2 Scientific.
- [Warranty Policy](#) ~ K2 offers a limited warranty.
- [Refund Policy](#) ~ if a return is received and a refund is applicable.

Purchase terms:

Credit Card for Online Checkout:

If purchasing by Purchase Order (PO) please email your PO to Mackenzie at mackenzie@k2sci.com.

Please note the following:

1. If you're purchasing via a PO, **taxes** (if applicable) are currently not included in this quote. To make sure it's accurate, please make sure taxes are prepaid and added.
2. Additionally, purchasing via a PO, shipping should be listed as a separate item on the PO or listed as "best way - pre-pay and add." Alternatively, if shipping via a shipping your companyaccount number, please list your carrier number on the PO.
3. New customers who want to purchase on terms require a credit application. Please don't hesitate to reach out if I can assist you during the process.

Thank you for your patience as our team is working diligently to resolve these issues in the very near future.

Warranty Registration Required:

To ensure your warranty coverage, please register your unit within 30 days of receiving it. This registration is mandatory for both the standard 2-year warranty and the extended 2+3-year warranty, applicable to all K2 units featuring our Monoblock technology. All K2 units purchased after November 6, 2023, require an ongoing connection to the VPL that is shipped complimentary with the unit for the full warranty to be in effect. Connection to the VPL and Vital Log Cloud is required throughout the warranty period to improve the speed of service and ensure an accurate diagnosis of any warranty claim. Preventive maintenance is also required.

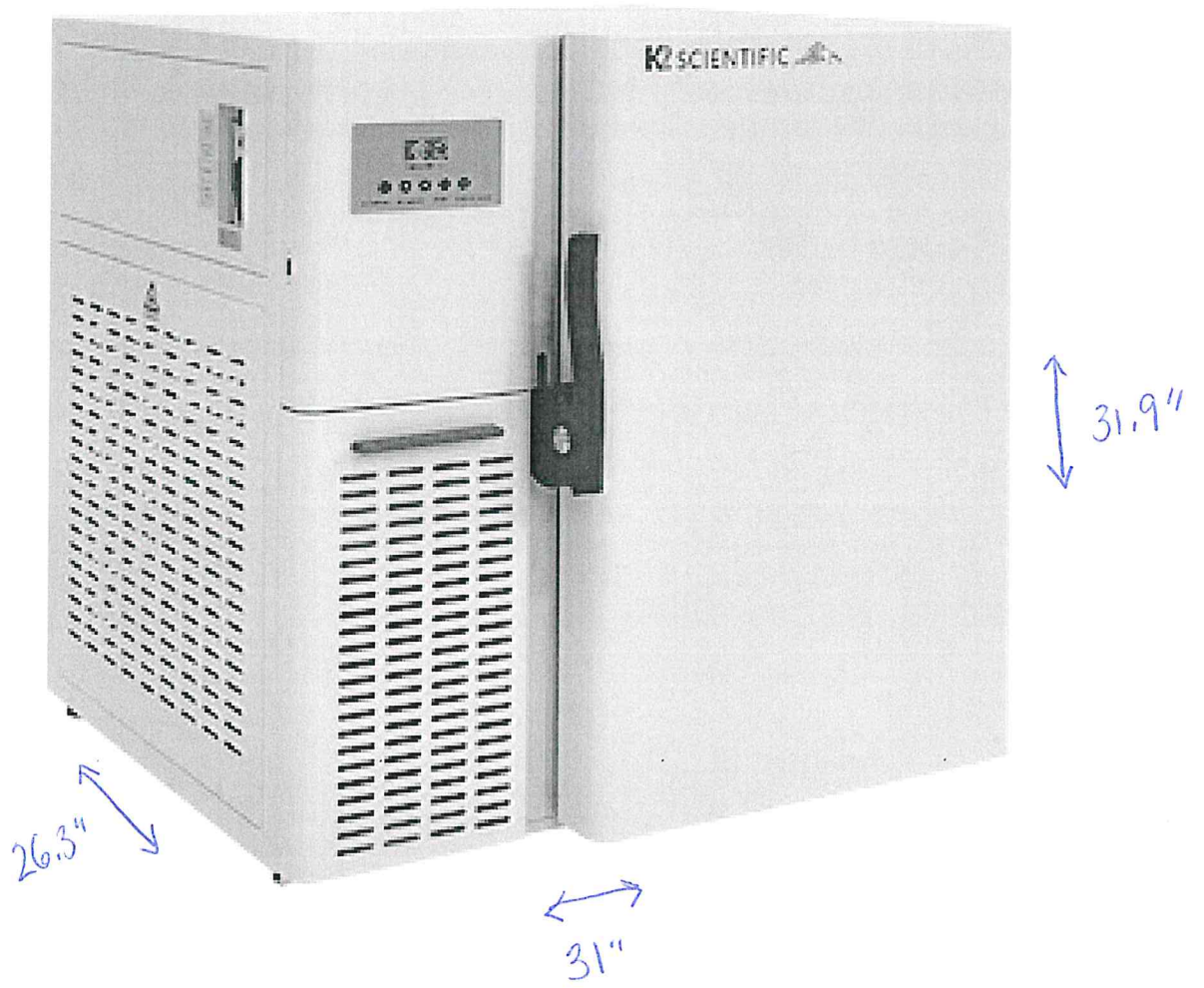
Signature

Before you sign this quote, an email must be sent to you to verify your identity. Find your profile below to request a verification email.

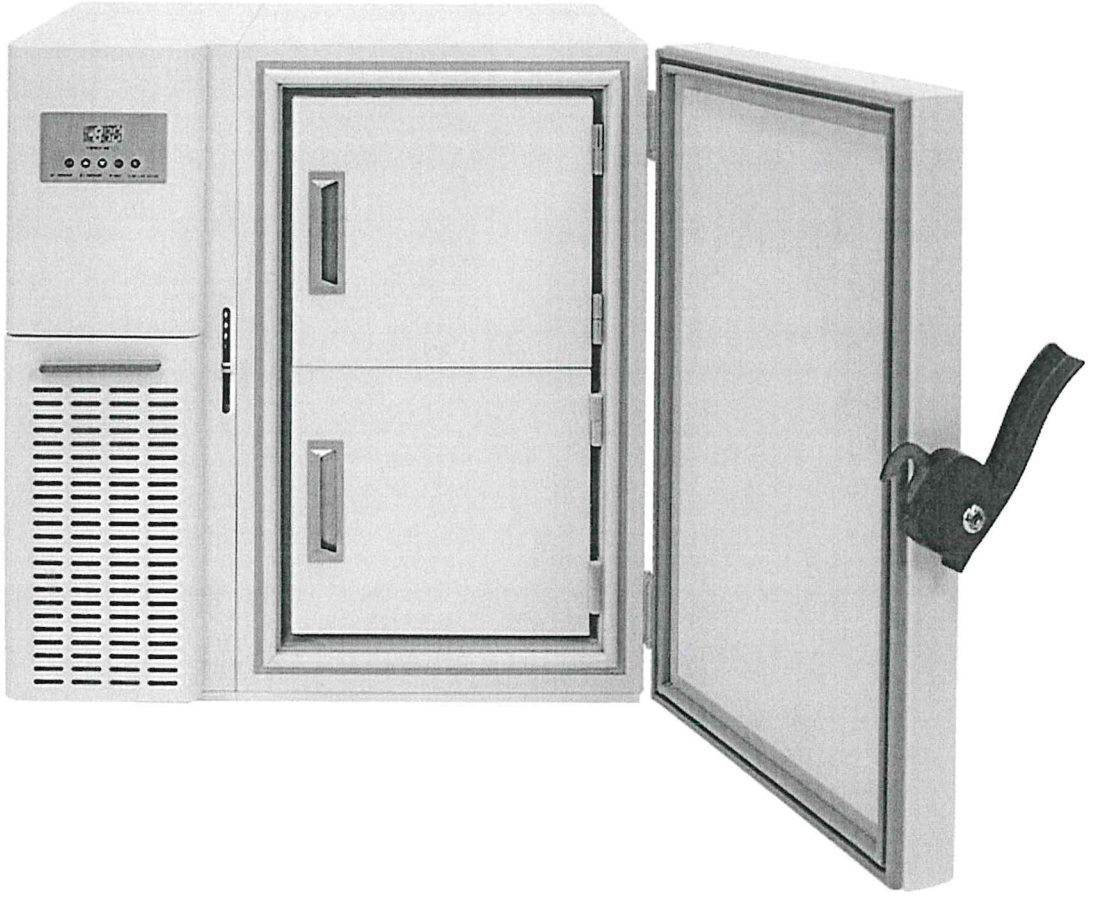
Amanda Bradford
abradford@buttemosquito.com

Verify to sign

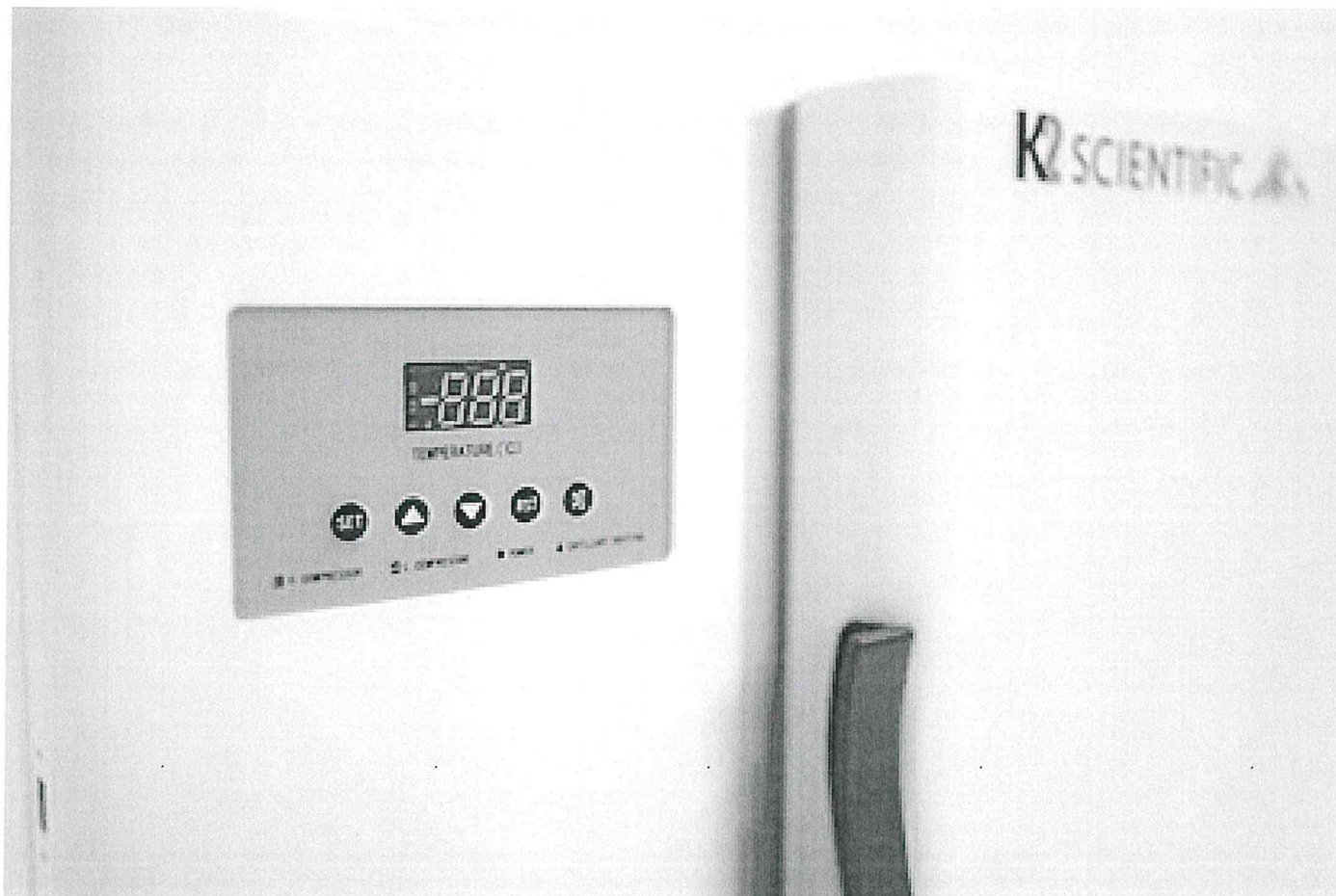
Request a Quote

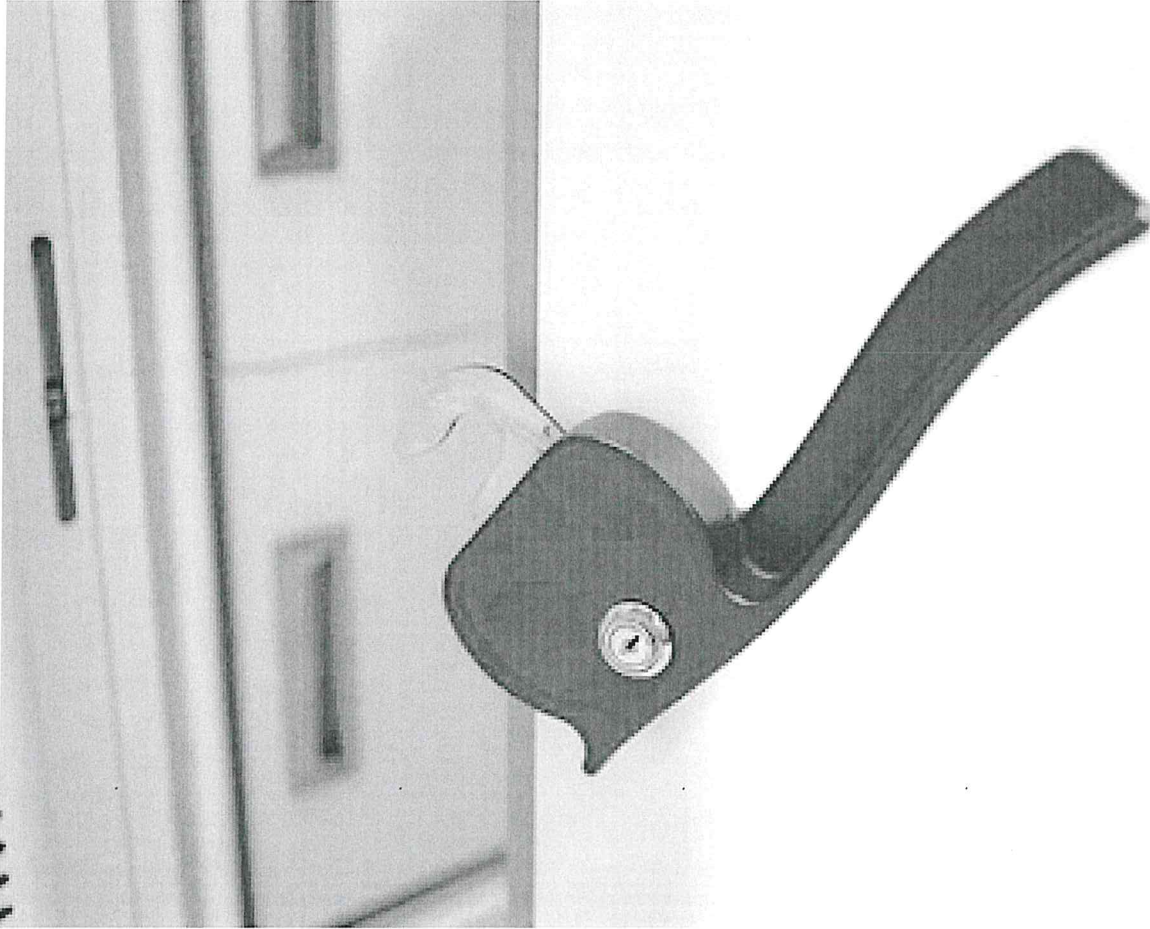


Request a Quote



Request a Quote





Request a Quote



3 Cu. Ft. Ultra Low Temperature Freezer

Shipping calculated at checkout.

K203ULT

Quantity

- 1 +

Add to Quote

K2 Scientific's ultra-low temp (-25°C to -86°C) freezer is one of the most reliable and affordable ULTs on the market. The compact size makes it perfect for laboratory use, while its programmable controls are easy to use. Their flexibility makes them well-suited to store the Moderna and Pfizer COVID-19 vaccines.

- One shelf adjustable by 1" increments
- Dual gaskets for an air-tight seal
- Warranty: two-year parts, labor, or full replacement

Download the [specifications sheet](#) or [manual](#).

Specifications

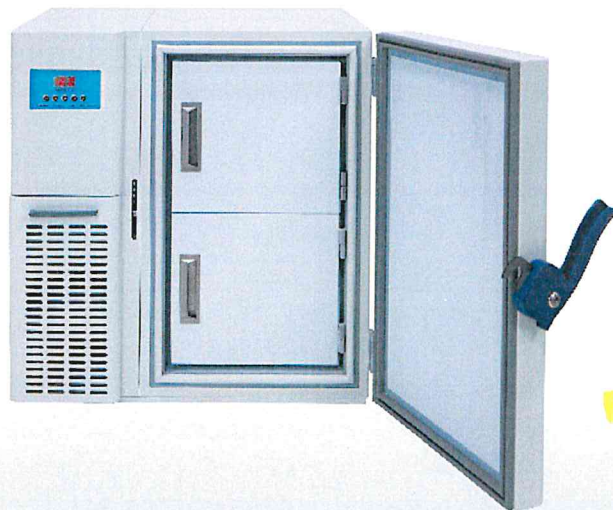
Request a Quote

Model	K203ULT
Interior Volume	3.39 cubic foot
Temp Range	-25°C to -86°C
Dimensions D x W x H	Exterior: 26.38" x 31.3" x 31.9" Interior: 19.29" x 12.6" x 24.02"
Shelves	1
Doors	1 right hand swing external 2 right hand swing internal
Electrical	120v 60Hz 15 Amp
Shipping Weight	232 lbs

K203ULT Ultra low Temp Freezer

USES: / CLINICAL APPLICATIONS / VACCINES & MEDICATIONS / BIOLOGICS / DIAGNOSTICS KITS / MOLECULAR BIOLOGY / INDUSTRIAL TESTING

K2 Scientific's K203ULT -86°C freezer is designed for the most rigorous commercial applications. It has a single-compressor system built to run efficiently providing rapid cool down after door opening. The controls are easy to operate and feature temperature alarms.



- Intelligent microprocessor digital display, password protected
- Cabinet and ambient air temperature displays
- Adjustable temperature control
- Audible and visual high or low temperature alarms
- Power failure audible alarm
- Low-battery audible alarm
- Sensor failure alarm
- Key lock
- Interior cabinet constructed of stainless steel
- PUF-VIP, high density insulation
- Leveling legs
- Remote, plug-in dry alarm contacts
- Built and shipped from ISO 9001:2008 manufacturing and distribution facilities
- Each cabinet undergoes three quality control checks prior to shipping
- Warranty: two-year parts, labor, or full replacement

MODEL NUMBER	CAPACITY Cu. Ft.	EXTERIOR Depth x Width x Height	INTERIOR Depth x Width x Height	TEMP RANGE (SETPOINT)	DOORS	SHELVES	DEFROST	SHIPPING WT. LBS.
K203ULT	3	26.38" x 31.3" x 31.9"	19.29" x 12.6" x 24.02"	-25°C to -86°C (-80°C)	1 external 2 internal	1	Manual	232 lbs

Model #	K203ULT
Storage Volume	3 cubic feet
Specifications	
Exterior (D x W x H)	26.38" x 31.3" x 31.9"
Interior (D x W x H)	19.29" x 12.6" x 24.02"
Product Capacity	44 boxes (2")
Insulation	CFC-free, high density insulation
Doors	1 external, 2 internal
Shelves	1
Access Port	0.5" Probe port
Leveling Legs	Standard
Shipping Weight	232 lbs
Certifications & Compliances	ISO: 9001:2015, CDC and VFC Compliant, EPA and SNAP Compliant
Performance	
Adjustable Set Point Range	-25°C to -86°C
Factory Set Point	-80°C
Electrical Power/Current	120v 60 Hz 15 Amp
Power Plug	NEMA 5-15
Indoor/Outdoor Use	Indoor use only
Application Environment	Non-corrosive, non-flammable, non-explosive
Ambient Operating Temp	20°C to 32°C
Refrigeration	
Refrigeration System	Vapor compression system
Compressor	Hermetically sealed compressor
Condenser Type	Foamed in
Expansion Device	Capillary tube
Evaporator Type	Cold wall evaporator
Defrost	Manual
Refrigerant	Mix (Isobutane)
Controller/System Configuration	
User Interface	Microprocessor with digital display
Power Switch	On/Off
Controller Type	Digital Controller
Security	Keyed Lockable Door
Control Sensor	NTC probe
Remote Alarm Terminals	Standard
High/Low Alarms	Standard
Power Failure Alarm	Standard
Door Ajar Alarm	Standard
Warranty	Two-year parts, labor, or full replacement

Re: Butte Mosquito - K203ULT + K205ULT

Mackenzie Austin <mackenzie@k2sci.com>

Wed 2/21/2024 7:08 AM

To:Amanda Bradford <abradford@buttemosquito.com>

You don't often get email from mackenzie@k2sci.com. [Learn why this is important](#)

Hi Amanda,

I hope you are doing well. I wanted to follow up to ensure you received the quote and to see if you have any questions. I would be happy to provide more information on our temperature monitoring or battery backup options if you are interested.

I look forward to hearing from you!

Thank you,

Mackenzie Austin | Inside Sales & Digital Marketing Specialist

[Book a Meeting](#) | [Defrost your unit](#) | [Maintain your unit](#)

800-218-7613 ext 1014

On Tue, Feb 20, 2024 at 4:55 PM, Mackenzie Austin <mackenzie@k2sci.com> wrote:

Good afternoon,

[Butte Mosquito - K203ULT + K205ULT](#)

The above link is your quote, valid for 30 days.

Please be sure to review the "Warranty Registration Required" on the quote. The activation of the VPL, (hardware free to you), is required to fully warranty your unit. [Watch the video overview here!](#)

Benefits of working with K2 Scientific:

- Our direct-from-the-manufacturer pricing makes the K2 brand a value proposition without compromising performance or certification
- **Warranty: Two-year full replacement including parts and labor**
- **Warranty Match: Most competitive warranty in the marketplace**
- **Customer Service/ Technical Support: An agent will be available from 8:00 am to 6:00 pm EST via phone, email, or chat. Emergency service available via text**
- Dedicated sales representative
- Online shopping, chat feature, and online sales and service assistance
- If you are receiving multiple quotes, K2 has a price match guarantee available for comparable models

Please let me know if you have any questions. I look forward to working with you!

Thank you,

Mackenzie Austin | Inside Sales & Digital Marketing Specialist

[Book a Meeting](#) | [Defrost your unit](#) | [Maintain your unit](#)

800-218-7613 ext 1014

Fw: Butte Mosquito - K203ULT + K205ULTAmanda Bradford <abradford@buttemosquito.com>

Tue 2/27/2024 8:19 AM

To: Ryan Rothenwander <rrothenwander@buttemosquito.com>**Amanda Bradford**

Entomologist

Butte County Mosquito & Vector Control District

Phone: 530-533-6038 | Fax: 530-534-9916

5117 Larkin Road, Oroville, CA 95965

www.buttemosquito.com

From: Mackenzie Austin <mackenzie@k2sci.com>**Sent:** Tuesday, February 27, 2024 8:16 AM**To:** Amanda Bradford <abradford@buttemosquito.com>**Subject:** RE: Butte Mosquito - K203ULT + K205ULTYou don't often get email from mackenzie@k2sci.com. [Learn why this is important](#)

Hi Amanda,

The K203ULT is roughly 50-60 decibels.

If you decide to not purchase the subscription after 6 months, you will still receive the full warranty as long as you keep the unit plugged into the VPL. The requirements of receiving the full warranty are to complete the set up of the VPL upon receipt of the unit and to keep the unit plugged into the VPL for the life of the unit. This full warranty includes two years for parts, labor, or full replacement.

You can view our warranty policy here: <https://knowledge.k2sci.com/knowledge/does-k2-scientific-offer-a-warranty>

Thank you,

Mackenzie Austin | Inside Sales & Digital Marketing Specialist

[Book a Meeting](#) | [Defrost your unit](#) | [Maintain your unit](#)

800-218-7613 ext 1014

From: Amanda Bradford <abradford@buttemosquito.com>**Sent:** Tuesday, February 27, 2024 10:56 AM**To:** Mackenzie Austin <mackenzie@k2sci.com>**Subject:** Re: Butte Mosquito - K203ULT + K205ULTYou don't often get email from abradford@buttemosquito.com. [Learn why this is important](#)

The above link is your quote, valid for 30 days.

Please be sure to review the "Warranty Registration Required" on the quote. The activation of the VPL, (hardware free to you), is required to fully warranty your unit. [Watch the video overview here!](#)

Benefits of working with K2 Scientific:

- Our direct-from-the-manufacturer pricing makes the K2 brand a value proposition without compromising performance or certification
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- Online shopping, chat feature, and online sales and service assistance
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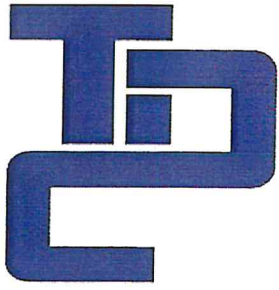
Please let me know if you have any questions. I look forward to working with you!

Thank you,

Mackenzie Austin | Inside Sales & Digital Marketing Specialist

[Book a Meeting](#) | [Defrost your unit](#) | [Maintain your unit](#)

800-218-7613 ext 1014



The Door Company

GATE AUTOMATION & ACCESS SYSTEMS DIVISION

Northern CA Office
Gate and Access Div.
CA Lic. # 496225

JULY 15, 2023

BUTTE COUNTY MOSQUITO & VECTOR CONTROL DISTRICT
VIA EMAIL: cfavilla@buttemosquito.com
CHICO, CA

Contacts:

Jesse Morris
Ph. 530-345-5555
Cell 530-514-5506
Fax 530-345-3242

Revised 7-23-2024

- Automatic Gate Systems
- Access Controls and Telephone Entry Systems
- Folding Gate and Door Systems
- Crash Rated Barriers and Gates
- Commercial Doors
- Dock Equipment
- Residential Garage Doors
- Turnstiles

Dear Charlie,

We are pleased to have the opportunity to submit our proposal for your review and consideration. TDC is proposing to install one automation system on your existing chain link swing gates or new wrought iron swing gates.

Gate automation:

- (2) LA400 Actuator arms
- (1) Control box
- (1) Set of reversing eyes
- (6) Remote controls
- (1) Basic keypad to allow access by entering a code
- (1) Maglock
- (1) Knox key switch for fire department access

Price is furnished & installed; lump sum \$8,333.00 based on prevailing wages

Quality Door and Gate Systems since 1986

Excluding electrical!

Design Installation Service Sales

Wrought iron swing gate option:

- (1) Pair of adjustable hinges
- (1) Pair of 9'x6' wrought iron swing gates with a 2"x2" frame, 3/4" pinch top pickets and a black powder coated finish

Price is furnished & installed; lump sum \$6,438.00 based on prevailing wages

Industrial Commercial Residential

Thank you for the opportunity to quote you this project!

If you have any questions or changes on quote feel free to give me a call.

Sincerely,

Jesse Morris

Jesse Morris
Sales Manager

www.thedorco.net



2251 IVY ST. • P.O. BOX 3313 • CHICO, CA 95927-3313 • PHONE (530) 345-5555 • FAX (530) 345-3242
 1623 BELTLINE RD. • P.O. BOX 994452 • REDDING, CA 96099-4452 • PHONE (530) 222-5555 • FAX (530) 243-5556
 301-C BURNS DR. UNIT 1 • YUBA CITY, CA 95991 • PHONE (530) 673-7778 • FAX (530) 673-7779
 Door System Design, Inc. dba The Door Company CCL #496225

Proposal

Page No. _____ of _____ Pages

40 Years in the North Valley

When accepted a contract

6276 Graham Road
Paradise, CA 95969
(530) 877-8507
(530) 893-3344

Licensed & Insured
Lic. #3566563

STRATTON & SON FENCE CONSTRUCTION

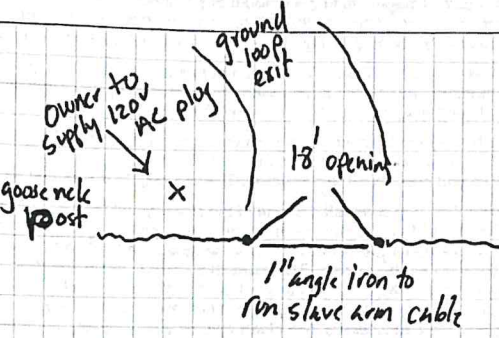
PROPOSAL SUBMITTED TO <u>Butte County Mosquito and Vector Control District</u>	PHONE <u>Charlie 530 990 5149 cell</u>	DATE <u>7/23/24</u>
STREET <u>5117 Larkin Rd</u>	JOB LOCATION <u>530 533 6038</u>	JOB # <u>1</u>
CITY, STATE, ZIP <u>Orville, CA</u>	<u>444 Otterson Dr. Chico</u>	

Install

Linear 4000 Dual gate operator
w/ magnetic lock, wireless digital keypad w/
ground loop exit, safety photo beams for
open and closed position, hold open receiver to
override auto close

2 remotes
2 hold open remotes } extra remotes Add 40 each

* Option for new ornamental iron gate Add 6000.00



All accounts are due and payable within 30 days of Invoice date. A finance charge of 1 1/4% per month (or a minimum charge of 50¢ for balance under \$50.00) which is an annual percentage rate of 18%, will be applied to unpaid invoices after 30 days.

- NOTE:
- (1) Once posts are set, they become property of owner.
 - (2) Property lines are the owner's responsibility.
 - (3) Stratton & Son assumes no responsibility for underground pipes, wires, or sewer lines. Repairs are to be made at owner's expense.
 - (4) Any changes on specifications must be in writing and signed by both Stratton & Son and Owner.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, vandalism, and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

We Propose hereby to furnish material and labor — complete in accordance with above specifications for the sum of:

	dollars (\$ <u>14,600.00</u>)
Payment to be made as follows:	
<u>On completion</u>	Material \$ _____
	Sales Tax \$ _____
	Labor \$ _____
	TOTAL \$ _____

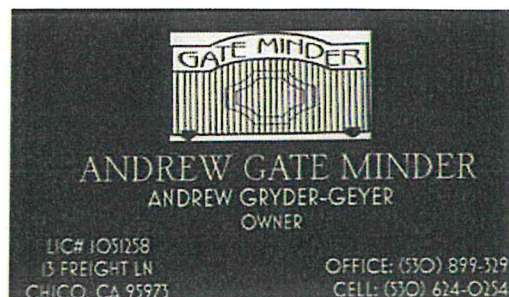
Authorized Signature [Signature]
NOTE: This proposal may be withdrawn by us if not accepted within _____ days.

Acceptance of Proposal — The price, specifications, and conditions noted above, and on the reverse side of this document are satisfactory and are hereby accepted.

Date of Acceptance _____ Signature _____

Contractors are required by law to be licensed and regulated by the Contractor's State License Board. Any questions concerning a contractor may be referred to the board whose address is: Contractor's State License Board, P.O. Box 26000, Sacramento, California 95826

Andrew GateMinder
PO Box 7714
Chico, CA 95927 US
15gminder51@gmail.com
www.gateminder.net



Estimate

ADDRESS
BUTTE COUNTY MASQUETO
44 OTTERSON

SHIP TO
BUTTE COUNTY
MASQUETO
44 OTTERSON

ESTIMATE # 1534
DATE 06/04/2024

DATE	SERVICE	DESCRIPTION	QTY	RATE	AMOUNT
	LA400 Dual- Solar Package		1	3,600.00	3,600.00T
	black swing gate		1	2,500.00	2,500.00T
				SUBTOTAL	6,100.00
				TAX	442.25
				TOTAL	\$6,542.25

Accepted By

Accepted Date

Proposale #70724
Robert Farley Construction

2195 Elmer Ave.
Yuba city Ca. 95993
Contractors Lic #449029
530-701-0898
rjfinyc@juno.com

Date: July 7, 2024

To: Charlie Favilla
Butte County Mosquito and Vector Control District 530-342-7350 office
5117 Larkin Rd 530-534-9916 Fax #
Oroville Ca. 95965

Subject: Proposasl for providing new electrical power for the proposed automatic gate openers for the existing parking gates at 444 Osterman Dr. Chico Ca. 95928

Invoice Includes :

1. Provide conduit, wire, boxes, and breaks to provide a new 110v, 20amp dedicated circuit for the new gate operators.
2. Install conduit on the out side of the building, bore under the existing side walk with PVC conduit, remove the existing rock, dig the trench for the conduit, back fill and replace the existitng rock as if it had not been damaged.

Total this Proposal

\$1,353.30

Sincerely

Robert Farley

Robert Farley Owner
Robert Farley Construction
Chico electric gateoperator.pro.doc

Thank you for the opportunity to bid on your project

Butte County Mosquito and Vector Control District

POLICY MANUAL

POLICY TITLE: Catastrophic Leave
POLICY NUMBER: 7062

7062.1 A Catastrophic leave provides up to 80 hours of District paid leave to an eligible employee who miss work due to a natural or tragic disaster.

7062.2 A natural disaster is an event that has had an effect on the employee's principal residence, the Governor has declared a state of emergency in the county where the employee resides, and includes the following:

7062.2.1 An act of nature; such as a flood, an earthquake, or fire.

7062.2.2 Effect on the employee's principal residence means the residence is the primary residence of the employee and due to the nature of the natural disaster has caused complete destruction or damages that means the principal/primary residence is not habitable.

7062.3 A tragic disaster is an event that has had an effect on the employee's principal residence such as a flood or fire.

7062.4 Eligibility: In order to be eligible for this leave, the following shall apply:

7062.4.1 Catastrophic leave may be granted for an employee who faces financial hardship and is unable to work due to the natural or tragic disaster effect on the employee's principal residence resulting in displacement from residence.

7062.4.1.1 Effect on the employee's principal residence means the residence is the primary residence of the employee and due to the nature of the tragic disaster has caused complete destruction or damages that means the principal/primary residence is not habitable.

7062.4.2 The employee must provide appropriate verification.

~~**7062.4.3** The employee must be employed full time by the District and have been so employed by the District for at least one year prior to the request of Catastrophic leave.~~

7062.4.4 The employee must not be receiving compensation from Worker's Compensation or Disability Insurance.

7062.5 Duration: Catastrophic Leave may be taken up to 80 hours per qualifying event and to be exhausted within one year from date of event.

7062.6 The ~~Office-Administrative~~ Manager is responsible for administering the Catastrophic Leave benefit.

7062.7 Application To request Catastrophic Leave, the prospective recipient submits a request to the District Manager (or designee), along with appropriate verification of the occurrence for the requested

leave. In cases where the potential recipient is unable to initiate the process, a family member or the District Manager (or designee) may act on the employee's behalf. The paid leave may be used upon approval by the District Manager (or designee).

~~7062.8~~ **7062.8 Evacuation Leave:** All employees are eligible for paid evacuation leave, up to 25 hours to be exhausted within three days of evacuation order, if the employee's principal and primary residence has been ordered to evacuate due to a natural or tragic disaster. Evacuation orders must be administered by law enforcement, county, state and/or federal government, fire agencies or the Governor of California. Employees are not on paid evacuation leave if the employee(s) leaves work prior to the evacuation order, which includes evacuation warnings. Evacuation leave is not catastrophic leave.

7062.8.1 Employee who is on paid evacuation leave shall notify District management as early as practicable on each day of such absence by calling the office no later than at the beginning of shift, unless a previous understanding is agreed upon by District management.

SDLF



SPECIAL DISTRICT
LEADERSHIP FOUNDATION

July 5, 2024

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

RE: District Transparency Certificate of Excellence Approval

Congratulations Butte County Mosquito and Vector Control District has successfully completed the District Transparency Certificate of Excellence program through the Special District Leadership Foundation (SDLF).

On behalf of the SDLF Board of Directors, I would like to congratulate your district on achieving this important certificate. By completing the District Transparency Certificate of Excellence Program, Butte County Mosquito and Vector Control District has proven its dedication to being fully transparent as well as open and accessible to the public and other stakeholders.

Congratulations and thank you for your dedication to excellence in local government.

Most sincerely,

Sandy Raffelson
SDLF Board President