

# DELTA MOSQUITO & VECTOR CONTROL DISTRICT

Dr. Mustapha Debboun  
*General Manager*

1737 West Houston Avenue, Visalia, California, 93291  
Phone: (559) 732-8606 Toll Free: (877) 732-8606 Fax: (559) 732-7441

Rick Alvarez  
*Vector Control Supervisor*

Paul Harlien  
*Operations Program Manager*

Bryan Ruiz  
*Supervisor Assistant*

Mary Ellen Gomez  
*Administrative Assistant*

Bryan Ferguson  
*Foreman*

Erick Arriaga  
*Community Education &  
Outreach Coordinator*

Andrea Troupin  
*Scientific Program Manager*



**DATE:** Friday, March 8, 2024

**TO:** Board of Trustees, Delta Mosquito and Vector Control District (DMVCD)

**FROM:** Dr. Mustapha Debboun, General Manager

**SUBJECT:** Regular Meeting of the District's Board of Trustees

**TIME:** Wednesday, March 13, 2024, at 4:30 p.m.

**PLACE:** District Boardroom, 1737 West Houston Avenue, Visalia CA, 93291

**AGENDA:**

**1. Roll Call**

**2. Employee of the Quarter**

The General Manager and the members of the Board of Trustees will present the Employee of the Quarter Certificate to Vector Control Technician II, Carlos Rodriguez.

**3. Public Forum (Limited to three minutes per speaker)**

- a) Members of the public may comment on any item not on the agenda that is within the jurisdiction of the Board of Trustees (Board). Under state law, matters presented during public comment cannot be discussed or acted upon by the Board in this meeting.
- b) For items on the agenda, the public is invited to make comments during the public comment period.
- c) Any person addressing the Board will be limited to a maximum of three (3) minutes. Public comments will be limited to a total of 15 minutes during the public comment period.
- d) If there are more than five (5) people wishing to comment, then time will be divided equally between all people wishing to speak, so that everyone has an opportunity to address the Board.
- e) Public comments may be submitted via email to [publiccomments@deltamvcd.gov](mailto:publiccomments@deltamvcd.gov)

**ACTION 4. Consent Calendar**

- f) February Minutes
- g) February Bills (Board Order #'s 29 & 30)
- h) March Payroll & Bills (Board Order # 31)

**5. Manager's Report**

The General Manager will report on items of Delta Mosquito and Vector Control District (DMVCD) operational interest.

**ACTION 6. Solar and Backup Generator System**

The General Manager will provide an update to the Board on the Sol-Tek Solar System with Generac Standby Generator from Westech Systems LLC and request the Board to approve resolution # 2024-01.

**7. Federal Emergency Management Assistance (FEMA) Funding Update**

The General Manager will provide an update on FEMA's funding process for mosquito abatement during California severe winter storms and flooding.

**8. California Special Districts Association (CSDA) District of Distinction**

The General Manager will provide an update to the Board of Trustees on our District's CSDA District of Distinction application for accreditation.

**ACTION 9. Collaboration with Synvect on Next Generation Sterile Insect Technique**

The General Manager will request from the Board of Trustees approval of a collaborative agreement between DMVCD and Synvect Company to pilot Synvect's next generation Sterile Insect Technique in our District.

**ACTION 10. General Manager Farewell Luncheon**

The Board of Trustees will discuss and approve a Farewell Luncheon for the departing General Manager of DMVCD.

**11. Closed Session:**

**Personnel Matter, Appointment of Interim Manager §54957 of the Government Code**

**12. Open Session**

**ACTION 13. Board Decision on the Appointment of an Interim Manager and Terms and Conditions of His/ Her Employment**

**14. Board of Trustees Member Comments**

The Board of Trustees members will have a chance to make any additional comments regarding items within the jurisdiction of the District.

**15. Future Agenda Items**

The Board of Trustees members will have a chance to add to the future Agenda items if they choose to.

**ACTION 16. Adjournment**

Adjourn Meeting of the Board of Trustees to reconvene on Wednesday, April 10, 2024, at 4:30 p.m. in the Delta Mosquito and Vector Control District Boardroom, 1737 W. Houston Ave., Visalia, CA.

**Note:** Items designated for information are appropriate for Board action if the Board wishes to act.

## **1. Roll Call**

## **2. Employee of the Quarter**

### **3. Public Forum**

## **4. Consent Calendar**

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Minutes of the Board of Trustees – Wednesday, February 14, 2024, Start: 4:30 p.m.

## 1. **Roll Call:**

Present: Greg Gomez, President; Linda Guttierrez, Secretary, Rosemary Hellwig, Larry Roberts, Kevin Caskey, Lori Berger, and Mike Burchett.

Absent: None

Staff: Dr. Mustapha Debboun, General Manager; Mary Ellen Gomez, Administrative Assistant

## 2. **25-Year Work Service Anniversary Milestone:**

The General Manager and the members of the Board of Trustees (BOT) recognized and presented Bryan Ruiz with the Delta Mosquito and Vector Control District (DMVCD) Certificate of appreciation for his 25 Years of work service and dedication to the District.

## 3. **Election:**

Following discussion, it was moved by Larry Roberts, seconded by Rosemary Hellwig to nominate Greg Gomez as the President of the BOT and Linda Guttierrez as the Secretary of the BOT and the Board members unanimously approved both of their nominations.

## 4. **Oath:**

The BOT members Greg Gomez, Linda Guttierrez and Rosemary Hellwig signed their oaths of office for reappointment and Mike Burchett signed his new appointment to the DMVCD Board of Trustees.

## 5. **Public Forum:**

Two emails were presented to the Board of Trustees, one regarding a request for clarification on District Manager Position and Recruitment Process and the other regarding Action Item #17: Policy 2125.



Leslie Caviglia, City Manager with the City of Visalia was in attendance and requested from the Board of Trustees to be thoughtful and judicious over the next few months to ensure quality of life for the residents of the City of Visalia. She also commented on her experience with the City of Visalia, her current role, the way the positions were filled, and thanked the Board of Trustees for their time.

#### **6. Consent Calendar:**

Following discussion, it was moved by Rosemary Hellwig, seconded by Kevin Caskey and the members of the Board of Trustees unanimously approved the consent calendar as presented.

#### **7. Manager's Report:**

Dr. Debboun provided an update on Delta Mosquito and Vector Control District (DMVCD) December's 2023 and January's 2024 field and laboratory operations. Field operations received two mosquito service requests in December 2023 and five in January 2024. The carpet and laminate flooring projects were completed in December and the Auto and Equipment Shop staff conducted winter maintenance on the vehicles and pesticide equipment along with District repairs to the buildings and grounds. The laboratory staff set traps in December once a week when the weather was sunny and optimal for setting them in the District. Mosquito abundance for 2023 was 313,502 mosquitoes collected across 9,330 trap nights for an average of 33.6 mosquitoes per trap night for the mosquito season. Ticks were found at the rock plant in Woodlake and were sent to the California department of Public Health for rickettsial testing.

In January 2024, the Auto and Equipment Shop continued working on winter maintenance on District vehicles and on landscaping by the front fence and front gate by pouring concrete, placing rock in the yard, and ornate bark in the flower beds. Four members of the Staff attended the Mosquito and Vector Control Association of California Annual Conference in Monterey and our District poster on In2Care Mosquito Traps against the dangerous and invasive yellow fever mosquito, *Aedes aegypti* won Third Place among all the Districts in California. Routine laboratory maintenance continued in January and mosquito trapping was only performed in the last week of January 2024 due to the cold weather and rain. In February 2024, the mosquitoes collected in December and January will be tested for West Nile virus (WNV), St. Louis Encephalitis virus (SLEV), and Western equine encephalitis virus (WEEV).

The DMVCD Community Education and Outreach participated in December 2023 and January 2024 in the Science, Technology, Engineering, and Math (STEM) event series at Conyer Elementary School and Annie R. Mitchell Elementary School in Visalia with about 60 students and parents attending the events.

#### **8. Disposition of Miscellaneous Old Surplus Items:**

Following discussion, it was moved by Mike Burchett, seconded by Larry Roberts and the members of the Board of Trustees unanimously approved the disposition of miscellaneous old surplus items.

**9. Sick Leave Policy Revision:**

Following discussion, it was moved by Lori Berger, seconded by Linda Guttierrez and the members of the Board of Trustees unanimously approved the requested revisions to the Sick Leave Policy #3003.

**10. Solar and Backup Generator System Bids:**

Following discussion, it was moved by Larry Roberts, seconded by Linda Guttierrez and the members of the Board of Trustees unanimously approved the contract bid with the Sol-Tek PV System and Generac Standby Generator from Westech Systems, LLC.

**11. Financial Audit 2022/2023:**

Following discussion, it was moved by Kevin Caskey, seconded by Lori Berger and the members of the Board of Trustees unanimously approved the Financial Audit of 2022/2023.

**12. Quarterly Expense/Revenue Report:**

A brief discussion regarding the Expense Report where the Administrative Assistant notified the Board of Trustees regarding a few budget items that are being watched closely regarding purchasing for the remainder of the Fiscal Year. Lori Berger inquired on the life of the Assessment Benefit and the General Manager informed her that it is continuous. The Board President inquired if the Assessment funds were received in December 2023 and the Administrative Assistant notified him they were received and it is reflected in the Revenue Report.

**13. COLA Increase:**

Following discussion, it was moved by Lori Berger, seconded by Linda Guttierrez, and the members of the Board of Trustees unanimously approved the COLA increase based on the newly released data.

**14. Inspection Warrant:**

The General Manager gave a brief description of the Inspection Warrant and how it is used and issued to non-compliant residents of the District.

**15. Arbovirus Testing for Tulare Mosquito Abatement District:**

Following discussion, it was moved by Rosemary Hellwig, seconded by Kevin Caskey and the members of the Board of Trustees unanimously approved testing mosquito samples and birds for Tulare Mosquito Abatement District during the 2024 mosquito season.

**16. Closed Session:**

The members of the Board of Trustees Adjourned to a closed session pursuant to Government

Code Section 54957.

**17. Employment of Relatives:**

The Board of Trustees tabled this item.

**18. Board of Trustees Member Comments:**

The General Manager briefly discussed to the Board of Trustees a potential future expansion idea of the DMVCD campus.

**19. Future Agenda Items:**

The Board President mentioned that he and the rest of the Board members would like to give a farewell luncheon to the General Manager prior to leaving the District at the end of March 2024.

**20. Adjournment:**

It was moved by Mike Burchett and seconded by Lori Roberts, and the Board of Trustees unanimously approved to adjourn the meeting of the DMVCD's Board of Trustees at 6:01p.m.

Dr. Mustapha Debboun, Recording Secretary

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CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
38676	ALEJANDRA GILL	Laboratory Tech II		1,804.99
38677	THEODORE MCGILL	Vector Control Tech II		1,804.12
38678	CARLOS RODRIGUEZ	Vector Control Tech II		2,025.45
38679	DELTA VECTOR CONTROL DIST - EFTPS	Quarterly UI Payment- additional payment		615.19
38680	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		1,641.92
38681	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		199.26
38682	DELTA VECTOR CONTROL DIST - EFTPS	CaPERS Retirement		1,154.66
		<i>Total Seasonal Payroll</i>		<b>\$9,245.59</b>
38683	CITY OF VISALIA	Utilities	Utilities	120.35
38684	EMD NETWORKING			5364.88
		Total Care - February	3,457.48 Maintenance Contract	
		VOIP Phone Systems	430.00 Telephone/Cellphones	
		Re-cabling project additional invoice	1,477.40 Building Improvements	
		<b>TOTAL BILLS</b>		<b>\$5,485.23</b>
		<b>TOTAL BOARD ORDER #29</b>		<b>\$14,730.82</b>

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
38685	LOZANO SMITH	Email Message Review- District Manager Recruitment process, Sick leave law update		
		2024 Inspection Warrant, Teleconference re: PRA request, Advise on payroll matter	Professional Services	900.00
38686	SCI CONSULTING GROUP	Levy Administration 2023-2024	Professional Services	11,820.00
38687	SO CAL GAS	Utilities	Utilities	683.65
38688	VALLEY FIRE EXTINGUISHER CO.	Annual Servicing of (22) Extinguishers	Safety Supplies	524.45
38689	VALLEY PACIFIC	Fuel	Fuel	100.70
		<b>TOTAL BOARD ORDER #30</b>		<b>\$14,028.80</b>

VOUCHER	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
38690	MUSTAPHA DEBBOUN	GENERAL MANAGER		9,026.17
38691	MUSTAPHA DEBBOUN	VACATION PAYOUT		38,411.16
38692	MUSTAPHA DEBBOUN	SICK PAYOUT		4,108.13
38693	RICK ALVAREZ	VECTOR CONTROL SUPERVISOR		6,763.73
38694	ERICK ARRIAGA	COMMUNITY EDUCATION & OUTREACH COORDINATOR		5,354.87
38695	BRYAN FERGUSON	FOREMAN		6,694.92
38696	MARY ELLEN GOMEZ	ADMINISTRATIVE ASSISTANT		5,906.25
38697	PAUL HARLIEN	OPERATIONS PROGRAM MANAGER		6,547.86
38698	REBECCA HARLIEN	ADMINISTRATIVE ANALYST		6,125.35
38699	LANDON MCGILL	VECTOR CONTROL TECHNICIAN III/MECHANIC		4,229.45
38700	MARK NAKATA	BIOLOGIST		6,257.16
38701	JUAN PABLO ORTEGA	BIOLOGIST		5,618.57
38702	BRYAN RUIZ	VECTOR CONTROL TECHNICIAN III		5,283.81
38703	MARIO SANCHEZ	VECTOR CONTROL TECHNICIAN III/MECHANIC		5,273.53
38704	ANDREA TROUPIN	SCIENTIFIC PROGRAM MANAGER		6,481.02
		<i>Sub-Total for Full-Time Payroll</i>		\$122,081.98
38705	VSP	Vision Plan Premium		344.28
38706	DELTA DENTAL PLAN	Dental Plan Premium		1,285.58
38707	LINCOLN FINANCIAL GROUP	Life/STD & LTD Insurance		1,169.77
38708	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Health Insurance Premium		27,469.81
38709	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax	Employee 71% - District 29%	41,888.46
38710	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax	Employee 100%	6,157.77
38711	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement	Employee 40% - District 60%	20,955.23
38712	DELTA VECT CONT DIST	Flex Benefit Plan	Employee 100%	1,083.29
38713	MISSION SQUARE	Deferred Retirement Trust	Employee 77% - District 23%	1,023.95
		<i>Sub-Total for Full-Time Payroll, Taxes &amp; Benefits</i>		\$223,460.12
38714	ALEJANDRA GILL	Laboratory Tech II		1,891.31
38715	THEODORE MCGILL	Vector Control Tech II		1,864.33
38716	CARLOS RODRIGUEZ	Vector Control Tech II		2,092.41
38717	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		1,725.54
38718	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		219.41
38719	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		1,203.66
		<i>Sub-Total for Seasonal Payroll, Taxes &amp; Benefits</i>		8,996.66
		<b>Total Full-Time and Seasonal Payroll</b>		<b>232,456.78</b>
38720	CAL WATER SERVICE	Utilities	Utilities	103.93
38721	CLARKE	3 ULV Disp. Sleeves	Spray Equipment	139.96
38722	CLINE'S BUSINESS EQUIPMENT	Monthly Contract	Maint. Contract	87.35
38723	EMD NETWORKING			4,001.41
		Total Care Plan	3457.48	Maint. Contract
		VOIP Phone System	430.00	Telephone/Cellphones
		500GB SSD Drive - Replacement for Mark Nakata	113.93	Office Supplies
38724	ENTERPRISE	Leased Vehicles - double payment	Capital-Vehicle	3,848.00
38725	LINUXUP	GPS	GPS	859.57
38726	PACIFIC WEST	Monthly Service Contract	Maint. Contract	250.00
38727	US BANK			11,788.73
		Amazon- 3 Carlisle radial tires for the trailer	270.87	Vehicle Supplies
		Amazon- 1 Trailer wheel (rim)	68.36	Vehicle Supplies

	Lowe's Return Primo Dispenser	-223.34	Building Maintenance
	Lowe's - Double J hk ratchet	380.51	Building Maintenance
	Lowe's Primo Dispenser, 5 Gal water bottle	203.96	Building Maintenance
	Amazon- 5 Under cabinet paper towel holders	43.30	Building Maintenance
	Lowe's Self Drl 8x1/2,Teks #10, 5 Cans spray paint	61.14	Building Maintenance
	Portola Hotel and Spa- Mark Nakata, Juan Pablo room for MVCAC Conference	583.60	Travel Expense
	Harbor Freight- impact socket, contact tips, 4 Flap disk, ring wire,trailer box, Mig 170 welder	803.89	Vehicle Supplies
	Harbor Freight- Blue 56in top chest	260.38	Vehicle Supplies
	Amazon- 5pack of Sandisk flash drives for office	26.80	Office Supplies
	Mid Valley Pipe-2 Hr flat bar 1/8x4 20ftx2= 40ft	103.49	Building Maintenance
	Amazon-2 paper towel holders	28.68	Building Maintenance
	Amazon- 6 solo spray wands, 2 4gal backpack sprayers	313.67	Sprayer Supplies
	Amazon- 300A Bus bar	68.00	Building Maintenance
	Filter Buy- Filters for the Lab	109.63	Lab Supplies
	Pedregal Building Material- 4 yards 3/4 rock plus delivery	385.01	Yard Maintenance
	Lowe's- 6 Black spray paint	50.88	Building Maintenance
	Lowe's- 2 landscape fabric, 3 asphalt sealer, 1 commercial edging	175.28	Yard Maintenance
	Office Depot- 10 pack of Form 1096 for filing taxes	14.96	Office Supplies
	Pedregal Building Material - 2 Yd 3/4 rock	156.46	Yard Maintenance
	Google Suites Subscription- Monthly Contract	259.20	Subscriptions
	Sip Trunk- E-Fax	115.09	Telephone/Cellphones
	Harbor Freight- High performance wrap	32.54	Building Maintenance
	Walmart- 3 twin packs of mosquito spray	30.94	Safety Supplies
	Walmart- 4 LHS soap, 4 hand soap	9.16	Janitorial Supplies
	Lowe's- 2 10 ft5/16 tube, 25ft poly tube 3/8	23.05	Shop Supplies
	Uline- 4 Hang n stor banker boxes	79.71	Office Supplies
	Amazon- plastic cement, business card pockets, rubber bands, alligator clips, lactic acid	162.98	Lab Supplies
	Amazon- usb chargers- wall & car, usb lightening cables, safety glasses	77.89	Lab- Assessment
	Amazon- 2-6 gauge copper flex cable wire,	125.80	Shop Supplies
	Amazon- 1 phone chargers, epoxy and cement applicator, pocket holders,safety glasses,clips	179.25	Lab Supplies
	Office Depot- 9 Index dividers for Board Room binders	71.54	Office Supplies
	Sanders Motorsports- Oil filter, Air filter for T-25	92.44	Vehicle Supplies
	Zira Tech- Teambridge Timekeeping App	32.00	Subscriptions
	Amazon- 2 Dual battery isolator, 2 battery terminal connectors	71.70	Vehicle Supplies
	Pedregal Building Material - 4-4 yards of bark, 2 Pro plus 4x50	346.86	Yard Maintenance
	Pedregal Building Material- 2 small deco bark, pro plus 4x50	173.43	Yard Maintenance
	Lowe's- Zone marking paint, CA paint care recovery fee	38.66	Building Maintenance
	California Special Districts Association (CSDA) fees for Greg/Lori Governance Training	460.00	Misc Expense
	USPS- Express mailpiece to the IRS	30.45	Misc Expense
	Portola Hotel and Spa-Paul Harlien and Bryan Ruiz room for MVCAC Conference	646.33	Travel Expense
	Chevron - Fuel for the MVCAC Conference	45.71	Travel Expense
	Portola Hotel and Spa- Dr. Debboun room for the MVCAC Conference	579.10	Travel Expense
	Velascos Mexican Food- Dr. Debboun lunch with Greg	30.63	Travel Expense
	La Esperanza- Dr. Debboun lunch with Bryan Ruiz (25 year Anniversary lunch)	33.30	Travel Expense
	Panda Express- Dr. Debboun lunch with Bryan Ferguson	24.52	Travel Expense
	USPS- 1 mailpiece for 1099MISC Docs, 1 mailpiece for 1099NEC Docs	3.02	Misc Expense
	CVS Pharmacy- Gift Card and activation fee for Bryan Ruiz's 25th Anniversary Award	255.95	Misc Expense
	Comcast- Internet bill	350.61	Telephone/Cellphones
	Avila Fence- Install metal mesh on front fence/gate	700.00	Building/Yard Improvements
	Dreamhost- Monthly Contract	3.00	Subscriptions
	Costco- Birthday treats Jan/Feb	27.98	Misc Expense





## **5. Manager's Report**

# DELTA MOSQUITO & VECTOR CONTROL DISTRICT

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## REPORT OF THE MANAGER FEBRUARY 2024

### I. Water and Weather

The Delta Mosquito and Vector Control District (DMVCD) Weather Station reported an average high temperature of 63.8°F with an average low of 44.7°F and 3.71 inches of rainfall as of February 28, 2024. The National Oceanic and Atmospheric Administration 1991-2020 seasonal averages for high and low temperatures in January were 61.3°F and 41.6°F respectively, with average rainfall of 1.64 inches.

Water storage at Pine Flat Reservoir decreased to 1,919 acres-feet as of February 28, 2024. Pine Flat Reservoir's water inflow rate is 1,319 cubic feet per second (CFS) while its release increased to 334.2 CFS. The Lake Kaweah Reservoir storage increased to 35,095 acres-feet. Lake Kaweah's inflow also increased to 656 CFS and its release increased to 656 CFS as of February 29, 2024.

### II. Narrative

Field operations received 18 mosquito service requests and 3 fish requests in February 2024. The service request inspection consisted of a Vector Control Technician inspecting the reported property for any standing water that mosquito larvae could breed in. During this time, the technician used an integrated vector management strategy to reduce any mosquito-breeding found. In addition, technicians used this opportunity to educate residents on mosquito-breeding prevention and how to protect themselves from mosquito bites and mosquito-borne diseases.

### **Operations**

The Auto and Equipment Shop Staff have been working on winter maintenance on District vehicles and equipment which consist of oil changes, brake inspections, lights, tire rotation, checking all hoses, belts, and calibrations of all backpacks, pesticide applicators, hand cans, truck mounted foggers and application tanks in the vehicles.

The landscaping by the front fence and front gate has been finished placing rock in the yard and placing ornate bark in the flower beds as seen in Figure1.



*Figure 1 Image of of the area in the front gate and fence with rock and ornate bark.*

We auctioned three of the old Chevy S10 trucks in the Govdeals Auction and they were all sold for \$8,278.00 to the same person. The three trucks have been paid for and have been picked up.

In addition, we have recently auctioned a concrete mixer, Honda outboard motor, old 4-ton floor jack, and three pallets of miscellaneous items such as old chicken wire, chicken cages, nonworking hand-foggers, old weed edgers, and some old laboratory supplies.

The Operations Team has been compiling the 2024/2025 budget for vehicles, pesticide equipment, planning the pesticide inventory, and working on Cyber Security updates with District grounds updates.

We are working on the solar system and backup generator project. Rebecca Harlien, the Administrative Analyst is working on the application for the 1% government loan and solar tax rebate.

All the full-time staff have completed their sexual harassment training and workplace violence online seminar, along with several continuing Education trainings. Paul Harlien, the Operations Program Manager and Erick Arriaga, the Education and Outreach Coordinator completed and submitted the annual Statewide National Pollutant Discharge Elimination System (NPDES) annual report.

In February, the DMVCD participated in the 4th Science, Technology, Engineering, and Math (STEM) event series at Goshen Elementary School on Thursday, February 15. The new Service Request form has successfully been implemented for the 2024 season, which is operating smoothly and has been integrated with the green pool list to minimize missed or duplicate inspections. The Visalia Rawhide Baseball Team has confirmed outreach dates for the 2024 season, generously providing 5 free games. These games will draw higher booth traffic due to an added raffle event. Updates were made to the District website, including the addition of annual reports, the district policy handbook, and Board of Trustees information reflecting their new term start and end dates. Additionally, the first advertisement of the year with The Good Life has been submitted for publication in the March/April issue. A new Spanish poster, designed from a scaled-down version of the pop-up banner, has been created for display in tax preparation, bill-paying, and multipurpose offices frequently utilized by Spanish-speaking communities throughout the Tax Season. (Figure 2)

**Delta Mosquito and Vector Control District** | @DeltaMVCD  
559-732-8606  
www.DeltaMVCD.gov

## Prevenga la Picadura Día y Noche

**¡Elimine los criaderos de mosquitos alrededor de su casa!**

**Estanques:** Obtenga peces mosquito gratis de DeltaMVCD

**Fuentes:** Manténgalas cloradas y en funcionamiento o completamente vacías

**Piscinas y jacuzzis:** Manténgalas cloradas y en funcionamiento o completamente vacías

**Bañeros para pájaros:** Vacíe y limpie con cloro dos veces por semana.

**Recipientes varios:** Guarde boca abajo o tire semanalmente lo que no necesite.

**Plantas en macetas con platos:** Quite las o rellénalas con arena o tierra. Otra opción, vacíe y fregue con cloro semanalmente.

**Desagües de jardín:** Coloque malla o mosquitera en las aberturas para evitar que los mosquitos pongan huevos adentro.

**Cajas de válvulas y contadores de riego:** Revise que no haya fugas y no riegue en exceso el césped y los arbustos.

**Figuras Decorativas y Juguetes:** Manténgalos fuera del alcance de los regadores o vacíelos y límpielos semanalmente.

**Platos de agua para mascotas:** Vacíe y fregue con cloro dos veces por semana.

**Plantas que retienen agua (plataneros, suculentas, bromelias, agaves):** Riegue desde el nivel del suelo.

**¡Usted tiene el control!**

**Protéjase y proteja a su familia con repelentes seguros**

Elimina semanalmente los criaderos de mosquitos alrededor de tu casa.

Habla con tus vecinos para que cooperen y mantengan tu vecindario libre de mosquitos.

Informe de forma anónima sobre piscinas descuidadas

Informe de aves muertas al 1-877-WNV-9182 (1-877-968-2472)

Seguro para mujeres embarazadas y lactantes:  
DEET  
Picaridin  
OLE  
PMD  
2-Undecanone  
IR3535

Seguro para niños mayores de 2 meses:  
DEET  
Picaridin  
2-Undecanone  
IR3535

**Protegiendo la Salud Pública desde 1922**

Figure 2 Spanish version of Outreach poster, "Prevent the bite day & Night."

Andrea Troupin, the Scientific Program Manager and the Biologists, Mark Nakata and Juan Pablo Ortega are working on the budget for the laboratory, disease testing, the fish aquaculture program, and insectary, respectively. Andrea has been in contact with ThermoFisher Scientific to have the KingFisher Flex and the Applied Biosystems 7500 Fast qPCR machine yearly maintenance and calibrations performed. Andrea has contacted Emcor to have them service the BSL3 laboratory because the alarms are not responding appropriately. We are also waiting for Emcor to respond with an automation quote and set up a repair date for the insectary humidifier. Mark trained Tersa Soria from the Monterey County Mosquito Abatement District to properly maintain and care for a mosquitofish aquaculture center.

Trapping was only performed in the last week of February 2024 due to the wintry weather and rain. Traps were set throughout the District in Goshen, Traver, Delft Colony, Dinuba, Orosi, Seville, Woodlake, Ivanhoe, Exeter, Farmersville, and Visalia. Trapping will be halted during the next week due to rain and potential flooding.

No mosquito larvae samples were brought to the laboratory for species identification in February 2024. Similarly, no larval samples were collected in February 2023. Erick and Andrea are working on finding a system for the field technicians to accurately label their mosquito larval samples to start collecting this data.

The mosquitoes caught in December 2023 and January 2024 were tested in February 2024 along with a dead bird. All samples were negative for West Nile virus (WNV), St. Louis Encephalitis virus (SLEV), and Western equine encephalitis virus (WEEV) in January. Pablo and Andrea are currently performing the California Department of Public Health (CDPH) DART Proficiency Panel to continue testing mosquitoes for the 2024 mosquito season.

In February, laboratory staff were unable to perform tick flagging due to the rain and the water saturated ground. The previous Woodlake Rock Plant from ticks were sent to the California Department of Public Health for rickettsial testing and the results will take several months. The most recently caught ticks will be stored at DMVCD. No kissing bugs were reported to the District in January.

There were 3 mosquitofish technician requests and 0 homeowner requests as of February 29, 2024. In February 2023, there was 1 mosquitofish request to distribute. Approximately 1,205 mosquitofish fry were produced by February 29, 2024. In February 2023, 490 mosquitofish fry were produced.

Routine laboratory maintenance continued during February 2024. Monthly safety checks for fire extinguishers and emergency lights were performed as well as weekly safety showers and eyewash inspections.

The laboratory staff tested zero mosquito samples from Tulare Mosquito Abatement District (MAD) and zero samples collected from Tulare by Vector Disease Control International in February 2024. The laboratory Scientific Program Manager contacted Tulare MAD and they expressed interest in having their mosquito samples tested for the 2024 mosquito season. Kings MAD decided to use DART for their mosquito testing during the 2024 mosquito season.

There were 21 service requests in February 2024.

### 2024 Service Request Summary

2024	Mosquitofish	Inspection	Mosquito	Source	Other	Total
January	0	2	2	1	0	5
February	3	5	1	12	0	21
<b>Total</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>13</b>	<b>0</b>	<b>26</b>

### III. Vector and Disease Surveillance

Delta MVCD Summaries:

**Humans:** No new human cases reported to DMVCD in February 2024. In 2023, there were three confirmed human cases of WNV and SLEV co-infection, one probable WNV and SLEV co-infection, one confirmed WNV case, and six probable WNV cases.

**Birds:** One dead bird was received and tested in February, and it was negative.

**Mosquitoes:** No samples were tested in February. There are some mosquito samples waiting to be tested in March 2024. Last year, 7,028 mosquito samples were tested with 473 positive samples for WNV, 172 positives for SLEV, and 47 positives for both WNV and SLEV.

#### **State Surveillance:**

**Humans:** As of February 29, 2024, 0 human cases of WNV from 0 counties and 0 cases of SLEV from 0 counties have been reported.

**Birds:** On February 29, 2024, 0 dead birds from 0 counties tested positive.

**Mosquitoes:** As of February 29, 2024, 0 mosquito samples from 0 counties have tested positive for WNV. Also, 0 samples from 0 counties have tested positive for SLEV.

### V1. Expenditures & Revenues – 2023/24

Total Budget \$5,068,115,26

EXPENDITURES – July 1, 2023, to February 29, 2024

Salaries	\$1,970,655.46
Services & Supplies	\$1,005,829.89
Tax Admin Fee	\$0.00
Capital	\$53,859.83
Long-Term Debt	\$58,914.03
<b>TOTAL EXPENDITURES</b>	<b>\$3,030,345.18</b>

REVENUE RECEIVED - July 1, 2023– February 29, 2024

July	\$75.00
August	\$39,702.16
September	\$31,916.62
October	\$7,591.00
November	\$523.77
December	\$2,635,329.40
January	\$285,794.26
February	Unavailable
<b>TOTAL REVENUE TO DATE</b>	<b>\$3,000,932.21</b>

IV. **Timesheet Summary**

Month	Available Hours	Sick Hrs Used	Total Hrs Avail. For Work	Pct. Of Hrs Avail for Work
July	6,048	129	5,919	97.86
August	6,440	320.4	6,119.60	95.02
September	5,376	150.5	5,225.50	97.2
October	4,400	265.75	4,134.25	93.9
November	2,992	178	2814	94.00
December	2,688	104	2,584	96.13
January	3,128	118	3,010	96.22
February	2,432	95.25	2,336.75	96.08

The District has a vacation policy that requires 24-hour notice to ensure the operational integrity of the workforce. Sick leave for doctor, dentist and/ or family medical necessity also requires advance notice-in so much as it is possible. Illness is unplanned and therefore unscheduled. Attendance records for the current year are shown in the table.

**\*\* February expenditures and revenue are not available as of 3/8/2024**

## **6. Solar and Backup Generator System**



**RESOLUTION NO. 2024-01**

**A RESOLUTION OF THE BOARD OF TRUSTEES  
OF THE DELTA MOSQUITO AND VECTOR CONTROL DISTRICT**

**A RESOLUTION APPROVING THE GENERAL MANAGER TO EXECUTE ALL NECESSARY  
DOCUMENTS TO UNDERTAKE AND COMPLETE THE SOLAR SYSTEM INSTALLATION AND  
STANDBY GENERATOR PROJECTS**

**WHEREAS**, the California Energy Commission provides loans to schools, hospitals, local governments, special districts, and public care institutions to finance energy efficiency improvements;

**NOW THEREFORE, BE IT RESOLVED**, that the Board of Trustees of the Delta Mosquito and Vector Control District authorizes Delta Mosquito and Vector Control District to apply for an energy efficiency loan from the California Energy Commission to implement energy efficiency measures.

**BE IT ALSO RESOLVED**, that in compliance with the California Environmental Quality Act (CEQA), the Board of Trustees of the Delta Mosquito and Vector Control District finds that the activity funded by the loan is not a project because it is a ministerial action by right.

**BE IT ALSO RESOLVED**, that if recommended for funding by the California Energy Commission, the Board of Trustees of the Delta Mosquito and Vector Control District authorizes Delta Mosquito and Vector Control District to accept a loan up to \$506,141.24.

**BE IT ALSO RESOLVED**, that the amount of the loan will be paid in full, plus interest, under the terms and conditions of the Loan Agreement and Promissory Note of the California Energy Commission.

**BE IT FURTHER RESOLVED**, that the General Manager is hereby authorized and empowered to execute in the name of Delta Mosquito and Vector Control District all necessary documents to implement and carry out the purpose of this resolution, and to undertake all actions necessary to undertake and complete the energy efficiency projects.

**PASSED AND ADOPTED** by the Board of Trustees of the Delta Mosquito and Vector Control District at a regular meeting of the Board, held on the 13<sup>th</sup> day of March 2024 by the following vote:

**AYES:**

**NOES:**

**ABSENT:**

**ABSTAIN:**

\_\_\_\_\_  
President of the Board of Trustees

**ATTEST:**

\_\_\_\_\_  
Secretary to the Board of Trustees

## **7. Federal Emergency Management Assistance (FEMA) Funding Update**

## **8. California Special Districts Association (CSDA) District of Distinction**

## **9. Collaboration with Synvect on Next Generation Sterile Insect Technique**

## **10. General Manager Farewell Luncheon**

## **11. Closed Session: Personnel Matter, Appointment of Interim Manager**

## **12. Open Session**

### **13. Board Decision on the Appointment of an Interim Manager and Terms and Conditions of His/Her Employment**



## **14. Board of Trustees Member Comments**

## **15. Future Agenda Items**

## **16. Adjournment**