

DELTA MOSQUITO & VECTOR CONTROL DISTRICT

Dr. Mustapha Debboun
General Manager

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

Crystal Grippin
Scientific Program Manager

www.deltamvcd.org



Paul Harlien
Operations Program Manager

Erick Arriaga
Community Education & Outreach Coordinator

Mary Ellen Gomez
Administrative Assistant

Bryan Ferguson
Foreman

Rick Alvarez
Vector Control Supervisor

Bryan Ruiz
Supervisor Assistant

DATE: Friday, September 8, 2023

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, September 13, 2023, at 4:30 p.m.

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

AGENDA:

1. Roll Call
2. 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 by email to comments@deltamvcd.org

ACTION 3. Consent Calendar

- a) August Minutes
- b) August Bills (Board Order #'s 5-7)
- c) September Payroll & Bills (Board Order #8)

4. Manager's Report

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

ACTION 5. Non- Elective Component

The General Manager will set the premium component required for medical health coverage in the Section 125 plan maintained by the District.

6. Reappointments

The General Manager will poll Trustees up for reappointment as to whether they want a letter sent on their behalf to the appointing authority.

7. AB1234 and AB1825 Training Requirements

The General Manager will remind the Trustees of their requirements for Ethics and Harassment training.

ACTION 8. Audit Preparation

The General Manager will request the Board of Trustees to approve the audit preparation by Jaribu W. Nelson (JWN), CPA.

9. 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.

10. Future Agenda Items

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

ACTION 11. Adjournment

Adjourn Meeting of the Board of Trustees to reconvene on Wednesday, October 11, 2023, 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. Public Forum

3. Consent Calendar

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Minutes of the Board of Trustees – Wednesday, August 10, 2023, Start: 4:30 p.m.

1. Roll Call:

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

Absent: None

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

2. Public Forum:

None.

3. Consent Calendar:

Following discussion, it was moved by Larry Roberts, seconded by Linda Guttierrez and the Board of Trustees unanimously approved to accept the consent calendar as presented.

4. Manager's Report:

Dr. Debboun provided an update on Delta Mosquito and Vector Control District (DMVCD) current field and laboratory operations. We conducted Ultra Low Volume (ULV) pesticide treatments, Wide Area Larviciding System (WALS), and Drone aerial treatment throughout the District in July. WE set up 94 In2Care Mosquito Traps on July 12, 2023, as an additional surveillance and control tool to monitor the Yellow Fever Mosquito, *Aedes aegypti* until October 2023.

We hired three additional seasonal employees to assist with ULV and WALS treatments as needed. We auctioned and sold two old Chevy S10 trucks for \$3,350 and \$3,500. We also attended a Flood Response Town Hall Meeting with Assemblyman Devon Mathis from 33rd Assembly District in Corcoran on July 7, 2023, and Dr. Debboun gave a presentation on the activities of DMVCD.

Routine mosquito surveillance and arbovirus testing for West Nile virus (WNV), St. Louis encephalitis virus (SLEV), and Western equine encephalitis virus (WEEV) continued in July. A total of 148 mosquito samples collected in July have tested positive for WNV, 2 for SLEV, and 3 for WNV and SLEV combined. Two dead birds collected from Visalia and Exeter tested positive for WNV and 3 human cases of WNV in Visalia have been reported from Tulare County Public Health Department. Our laboratory also tested 196 mosquito samples collected from Kings Mosquito Abatement District and 30 samples from Tulare Mosquito Abatement District.

In July, the DMVCD Community Education and Outreach participated in the following educational and outreach events: three Farmers Markets in Visalia and Dinuba, two Rawhide Baseball games in Visalia, five Senior Centers in Woodlake, Farmersville, Cutler/Orosi, and Dr. Debboun gave a presentation to the Exeter Lions Club during their breakfast monthly meeting. In addition, DMVCD was also featured on three local television news segments in Telemundo, ABC 30, and Univision.

5. Additional Seasonals:

Following discussion, it was moved by Rosemary Hellwig, seconded by Lori Berger and the Board of Trustees unanimously approved the hiring of four additional seasonals.

6. Compliance Certification and Hold Harmless Statement:

Upon review of the Compliance Certification and Hold Harmless Statement, it was moved by Rosemary Hellwig, seconded by Kevin Caskey and the Board of Trustees unanimously approved it.

7. 2023-2024 Fiscal Budget Amended:

The General Manager discussed the 2023-2024 Fiscal Budget with the Board of Trustees. Rosemary Hellwig inquired on where revenue for Mosquito testing for other Districts is reflected in the budget packet, and she was directed to the revenue on page 22 and 23. Discussion continued regarding potentially testing for additional Districts should the need arise.

Kevin Caskey noted that he would like to see the Budget item for Building and Yard be separated. Additionally, he inquired about the significant increase in Travel Expense, and recommended monitoring it more.

Rosemary Hellwig inquired about the increase of chemicals, and the General Manager explained due to the inflation of the economy, all chemical companies have increased their pesticide prices.

Rosemary Hellwig and Kevin Caskey inquired about the decreased amount for Safety Supplies, and the explanation was that since the supplies for 2022-2023 were budgeted higher than usual, we don't have to spend much for the supplies for 2023/2024.

It was moved by Belen Gomez, seconded by Greg Gomez and the Board of Trustees unanimously approved the 2023/2024 Fiscal Year Budget.

8. Policy #3010, Districts' Educational Assistance Policy Revision:

Following review of the revised policy, it was moved by Rosemary Hellwig and seconded by Larry Roberts and the Board of Trustees unanimously approved the revisions as presented.

9. Board of Trustees Member Comments:

Linda Gutierrez shared that she received the notification regarding the treatment of the Seville area, and she had an individual who was able to translate the notice to Spanish as well and shared the document to that area in English and Spanish versions.

Greg Gomez reported about the line of Communication that was opened between him and the City of Lindsay regarding Abatement coverage for its area. Lori Berger inquired about what the pros and cons would be of taking on an additional City, and the General Manager explained the annexation requirements and its lengthy process. Kevin Caskey mentioned the tax inclusion aspect of it, and Rosemary Hellwig agreed that getting the inclusion will be lengthy. Larry Roberts mentioned that beyond trying to annex this additional City with an Abatement District, should there have been a need based upon a major disaster and area not within an Abatement District, the State should help launch a program to aid that area? The General Manager explained in more detail this issue and explained what the State and California Department of Public Health are doing about it.

Rosemary Hellwig inquired about the In2CareMosquito trap being provided to her as part of the trial that our Operations Section is currently working on.

10. Future Agenda Items:

None.

11. Adjournment:

It was moved by Kevin Caskey, seconded by Rosemary Hellwig, and the Board unanimously approved to adjourn the meeting of the DMVCD's Board of Trustees at 5:45 p.m.

Dr. Mustapha Debboun, Recording Secretary

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
38116	ZACKARY BARRAGAN	Laboratory Tech I		1,269.03
38117	DANNY CADENA	Vector Control Tech I		872.57
38118	ADIEL CHAVEZ-DUARTE	Vector Control Tech I		1,200.21
38119	ALYSIA DAVIS	Vector Control Tech I		1,456.60
38120	MARIO ENRIQUEZ	Vector Control Tech I		1,230.32
38121	JOSHUA ESQUIBEL	Vector Control Tech I		1,329.80
38122	ABEL GALICIA	Vector Control Tech I		1,263.21
38123	ALEJANDRA GILL	Laboratory Tech I		1,819.89
38124	JAKE MALDONADO	Laboratory Tech I		1,152.36
38125	MARCO MARTINEZ	Vector Control Tech I		1,306.88
38126	THEODORE MCGILL	Vector Control Tech I		1,200.21
38127	ELIAS MELENDEZ	Vector Control Tech I		1,200.22
38128	CARLOS PALACIOS	Laboratory Tech I		1,274.54
38129	PAUL RAPER	Vector Control Tech II		1,861.75
38130	CARLOS RODRIGUEZ	Vector Control Tech II		1,929.44
38131	LISA SALGADO	Vector Control Tech I		1,366.65
38132	ADRIAN SIFUENTES	Vector Control Tech II		1,481.15
38133	RYAN SPRATT	Vector Control Tech I		1,424.18
38134	RAUL VARGAS	Laboratory Tech I		1,226.66
38135	ISABEL VENEGAS-ALAMO	Vector Control Tech I		1,200.21
38136	KORY WILSON	Vector Control Tech I		1,456.51
38137	KENNITH XAYACHACK	Laboratory Tech I		1,404.75
38138	JOVANI ZAMORA	Laboratory Tech I		1,114.87
38139	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		7,857.50
38140	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		710.76
38141	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		1,948.27
38142	DELTA VECTOR CONTROL DIST - EFTPS	GASB 68 Reports Classic & PEPRA Reporting Fee		700.00
		TOTAL PAYROLL		\$42,258.54
38143	AMERICAN INCORPORATED	Lounge AC Capacitor Replacement	Building Maintenance	345.00
38144	CENTRAL VALLEY BUSINESS FORMS	Business Cards - 13 employees (.GOV email change)	Office Supplies	515.07
38145	COMCAST	Internet	Telephone/Cellphones	342.36
38146	ENTERPRISE FLEET MANAGEMENT	Vehicle Leases	Vehicles	1,909.68
38147	HARBOR FREIGHT			301.03
		Light Bar T12	48.81 Vehicle Supplies	
		Scissors and 5 outlet strips	118.20 Fish Supplies	
		Glue sticks, zip ties, grommet/brush kits, digital scale, torpedo level and tape	134.02 Lab Supplies	
38148	SO CAL GAS	Utilities	Utilities	39.00
38149	VALLEY INDUSTRIAL	Pre-employment physical - Seasonal Technician	Professional Services	150.00
38150	VALLEY PACIFIC	Fuel	Fuel	5,865.72
38151	VERIZON	Cellphones	Telephone/Cellphones	1,035.28
38152	VWR/AVANTOR			601.24
		2 Freezer Boxes	81.61 Lab Supplies	
		2 Boxes Small Gloves, 2 Bixes Medium Gloves, 5 Boxes Large Gloves	519.63 Safety Supplies	
38153	WEST COAST BIO-TECH	Waste Disposal	Lab Supplies	280.00
		TOTAL BILLS		\$11,384.38
		TOTAL BOARD ORDER #6		\$53,642.92

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
38154	ZACKARY BARRAGAN	Laboratory Tech I		1,199.90
38155	DANNY CADENA	Vector Control Tech I		1,333.03
38156	ADIEL CHAVEZ-DUARTE	Vector Control Tech I		1,200.22
38157	ALYSIA DAVIS	Vector Control Tech I		1,396.28
38158	MARIO ENRIQUEZ	Vector Control Tech I		1,230.32
38159	JOSHUA ESQUIBEL	Vector Control Tech I		1,403.52
38160	ABEL GALICIA	Vector Control Tech I		1,199.91
38161	ALEJANDRA GILL	Laboratory Tech II		1,819.90
38162	JAKE MALDONADO	Laboratory Tech I		1,264.81
38163	MARCO MARTINEZ	Vector Control Tech I		1,407.86
38164	THEODORE MCGILL	Vector Control Tech I		1,269.02
38165	ELIAS MELENDEZ	Vector Control Tech I		1,254.18
38166	CARLOS PALACIOS	Laboratory Tech I		1,231.32
38167	CARLOS RODRIGUEZ	Vector Control Tech II		1,888.48
38168	LISA SALGADO	Vector Control Tech I		1,507.65
38169	ADRIAN SIFUENTES	Vector Control Tech I		1,481.16
38170	RYAN SPRATT	Vector Control Tech I		1,296.26
38171	ISAAEL VENEGAS-ALAMO	Vector Control Tech I		977.89
38172	KORY WILSON	Vector Control Tech I		1,456.51
38173	KENNITH XAYACHACK	Laboratory Tech I		1,329.39
38174	JOVANI ZAMORA	Laboratory Tech I		1,132.47
38175	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		7,112.50
38176	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		651.84
38177	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		1,582.49
		TOTAL PAYROLL		\$37,626.91
38178	2 MARKET VISUALS	(2) Deluxe Banner Stands 33"x81" English & Spanish Versions	Public Relations	373.78
38179	AUTO GLASS CENTRAL	Windshield T14	Vehicles	262.75
38180	CLARKE	(6) Bags Altosid XRG	Chemical	3,239.38
38181	CLINE'S BUSINESS EQUIPMENT	Monthly Contract	Maint. Contract	84.46
38182	EPPENDORF	.5 ML. Combitips for Repeater	Lab Supplies	208.02
38183	FRESNO OXYGEN	Dry Ice	Lab Supplies	825.13
38184	KAST & COMPANY	Good Life Advertising September/October	Public Relations	475.00
38185	LIFE TECHNOLOGIES	Annual Service Agreement	Professional Services	7,740.00
38186	MUSTAPHA DEBBOUN	Per Diem SOVE Charleston, SC Sept. 16 to 22, 2023	Travel Expense	513.50
38187	N & R PUBLICATIONS	Redesign back cover/edit 3 pages of Publication, Remove Tulare/Kern, Update Name	Public Relations	2,004.82
		TOTAL BILLS		\$15,726.84
		TOTAL BOARD ORDER #7		\$53,353.75

VOUCHER	PAYEE	DESCRIPTION		Budget Line Item	AMOUNT
38188	MUSTAPHA DEBBOUN	GENERAL MANAGER			8,559.40
38189	RICK ALVAREZ	VECTOR CONTROL SUPERVISOR			6,537.54
38190	ERICK ARRIAGA	COMMUNITY EDUCATION & OUTREACH COORDINATOR			5,160.82
38191	BRYAN FERGUSON	FOREMAN			5,819.47
38192	MARY ELLEN GOMEZ	ADMINISTRATIVE ASSISTANT			5,153.92
38193	PAUL HARLIEN	OPERATIONS PROGRAM MANAGER			6,303.94
38194	REBECCA HARLIEN	ADMINSTRATIVE ANALYST			5,749.17
38195	LANDON MCGILL	VECTOR CONTROL TECHNICIAN III/MECHANIC			3,995.71
38196	MARK NAKATA	BIOLOGIST			6,027.88
38197	JUAN PABLO ORTEGA	BIOLOGIST			4,926.29
38198	BRYAN RUIZ	VECTOR CONTROL TECHNICIAN III			6,037.00
38199	MARIO SANCHEZ	VECTOR CONTROL TECHNICIAN III/MECHANIC			4,771.74
38200	ANDREA TROUPIN	BIOLOGIST			5,873.77
		<i>Sub-Total Full-Time</i>			\$74,916.65
38201	VSP	Vision Plan Premium			441.02
38202	DELTA DENTAL PLAN	Dental Plan Premium			1,246.88
38203	LINCOLN FINANCIAL GROUP	Life/STD & LTD Insurance			1,169.77
38204	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Health Insurance Premium			23,044.22
38205	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		Employee 71% - District 29%	31,877.54
38206	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		Employee 100%	5,119.78
38207	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		Employee 40% - District 60%	18,743.41
38208	DELTA VECTOR CONTROL DIST - EFTPS	IRS - Adjustment Quarterly Tax Payment			1,774.44
38209	DELTA VECT CONT DIST	Flex Benefit Plan		Employee 100%	1,083.29
38210	MISSION SQUARE	Deferred Retirement Trust		Employee 77% - District 23%	1,023.95
		<i>Sub-Total for Full-Time Payroll, Taxes & Benefits</i>			\$160,440.95
38211	AMERICAN INCORPORATED	Capacitor Charge(Lounge) - not reflected with last payment		Building Maint.	16.60
38212	AUTOZONE				273.31
		(5) 2 Cycle Oil - Shop Stock	16.22	Vehicle Supplies	
		(1) TPMS Sensor T10	33.62	Vehicle Supplies	
		(2) Wiper blades(T7), Connector (T23) and Switch	135.60	Vehicle Supplies	
		MAF Sensor (T33)	87.87	Vehicle Supplies	
38213	CA WATER SERVICE	Utilities		Utilities	173.02
38214	EMD NETWORKING				3,319.80
		Total Care	2889.80	Maint. Contract	
		Voip Phones	430.00	Telephone/Cell phones	
38215	FARMERSVILLE YOUTH SOCCER	Farmersville Fall Festival Booth Fee		Public Relations	40.00
38216	FRESNO OXYGEN	Dry Ice		Lab Supplies	245.21
38217	GIANT CHEVROLET	Engine Wiring Harness (T6)		Vehicle Supplies	433.98
38218	GIOTTO'S ALARM TECH	Replaced motion detector in Hatchery (W. Office)		Building Maint	210.61
38219	JARIBU W. NELSON CPA, JWN	Retention Billing - Audit FY 2022-2023		Professional Services	5,000.00
38220	LINUXUP	GPS		GPS	859.57
38221	MISSION LINEN				1,547.14
		Uniforms	1266.18	Uniforms	
		Janitorial	280.96	Janitorial	
38222	MUSTAPHA DEBBOUN	Fuel Reimbursement - CSDA		Travel Expense	31.58
38223	PACIFIC WEST	Monthly Contract		Maint. Contract	250.00

38224	SCI				12,871.54
		Levy Assessment Administration - Fiscal Year 2023-2024	11820.00	Professional Services	
		Public Notice of Public Hearing	398.15	Professional Services	
		CD Data	653.39	Professional Services	
38225	SO CAL EDISON	Utilities		Utilities	6,149.62
38226	SPRAYING DEVICES INC.	Nozzles, Brass Body & Brass Fitting		Sprayer Supplies	10.63
38227	US BANK				7,164.77
		FilterBuy - Lab AC filters	109.63	Building Maint.	
		Pentair Aquatic Eco-Systems - remaining items from prior fish supply order	71.24	Fish Supplies	
		Costco - Cookies & Icecream for July birthdays	56.95	Misc. Expense	
		Apple.com - phone storage (Erick Arriaga)	2.99	Subscriptions	
		Lowe's - Brass fittings(spray equipment)	10.26	Sprayer Supplies	
		Lowe's - Storage shelf and Dawn Soap	335.20	Building Maint.	
		Lowe's - Shelf unit, 60amp fuse box, Concrete	225.64	Building Maint.	
		PSI Services LLC - Drone Pilot Exam	175.00	Continuing Ed.	
		US Chef's Store - Sugar and yeast	421.52	Lab Assessment	
		Lowe's - 9' cord	18.97	Lab Supplies	
		Dreamhost	3.00	Subscriptions	
		Amazon - PETG filament	38.07	Sprayer Supplies	
		Office Depot - 1/2" black tape - label maker	64.43	Office Supplies	
		Hilton Hotels - MVCAC Fall Conference Hotel - (4) employees	687.57	Travel Expense	
		Lowe's - 8" bracket, 4x12 wire shelf, Bleach	126.68	Fish Supplies	
		SIPTrunk - Efax	276.86	Telephone/Cell phones	
		GoogleSuites	259.20	Subscriptions	
		Key Evidence - Key Copy(paper towel dispenser-lab)	11.72	Building Maint.	
		Sportsman's Warehouse - Waders	104.14	Fish Supplies	
		Houston Feed Store - Rabbit Feed	25.00	Lab Assessment	
		Lundell Plastics - (3) RMC 2500 throttle actuator A1 MistBlowers	487.28	Vehicle Supplies	
		Pentair Aquatics - 7 airpumps, 35 brass valves, 2 air diffusers, 3 monorail handles, misc. nets	1422.14	Fish Supplies	
		USPS - 2 rolls of stamps	132.00	Office Supplies	
		Zira - Timekeeping system	100.00	Subscriptions	
		PSI Services LLC - Drone Pilot Exam	175.00	Continuing Ed.	
		Adobe Creative Cloud	599.88	Subscriptions	
		US Chef's Store - Sugar and yeast	465.61	Lab Assessment	
		Amazon - Stress coat, hikari ich-x, API tap water and API algaefix	217.49	Fish Supplies	
		Amazon - American Flag & California Flag	47.27	Building Maint.	
		Amazon - 12 pack Sharpie gel ink pens (promotion applied)	12.55	Office Supplies	
		Lowe's Credit Applied to DMVCD Card	-29.26	Misc	
		Applebee's - Dr. Debboun and Rick Alvarez Lunch	39.88	Travel Expense	
		El Tarasco - Dr. Debboun and Greg Gomez Lunch	48.27	Travel Expense	
		Portola Hotel & Spa - Dr. Debboun Hotel Stay CSDA Conference	352.37	Travel Expense	
		Westside Auto Dismantler's - New Hood T14	70.22	Vehicle Supplies	
38228	VALLEY PACIFIC PETROLEUM	Fuel		Fuel	6,701.69
			Total Bills		\$45,299.07
			Total Board Order #8		\$205,740.02

4. Manager's Report

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REPORT OF THE MANAGER

August 2023

I. Water and Weather

The weather was hot throughout most of August. The Delta Mosquito and Vector Control District (DMVCD) Weather Station reported an average high temperature of 96.3°F with an average low of 68.8°F and 0.84 inches of rainfall as of 8/29/23. The National Oceanic and Atmospheric Administration 1981-2010 seasonal averages for high and low temperatures in August were 93.2°F and 64.9°F respectively, with average rainfall of 0 inches.

Water storage at Pine Flat Reservoir decreased to 839,897 acre-feet as of 8/29/2023. Pine Flat Reservoir's water inflow decreased to 2,577 cubic feet per second (CFS) while its release decreased to 5,131 CFS. The Lake Kaweah Reservoir storage decreased to 94,851 acre-feet. Lake Kaweah's inflow also decreased to 499 CFS and its release decreased to 1,579 CFS as of 8/29/2023.

II. Narrative

Field operations received 142 service requests in August which 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 use this opportunity to educate residents on mosquito-breeding prevention and how to protect themselves from mosquito bites.

We conducted Ultra Low Volume (ULV) fogging in the high trap and West Nile virus (WNV) positive areas along with the Wide Area Larvicide System (WALS) treatments early in the morning from 2:00 AM to 5:30 AM. We will continue treating throughout the District as needed.

Dr. Debboun and Paul Harlien, our Operations Program Manager attended a meeting with the Tulare County Health Emergency Committee (TCHEC) on August 16, 2023, taskforce where we received updates from the Tulare County Health Officer, California Office of Emergency Services (Cal OES), Epidemiology, Mosquito Abatement and Vector Control Districts, etc... and were given several pallets of medical gloves by the TCHEC which we shared with Kings Mosquito Abatement District, Consolidated Mosquito Abatement District, and Fresno Westside Mosquito Abatement District.

We conducted four drone treatments in August, i.e., one at the Rock Plant in Woodlake and the other three in corn fields north of Visalia. One of our Vector Control Technicians, Alysia Davis passed the 107 Drone certification license and is now studying and preparing to take the California Department of Pesticide Regulation (DPR) Unmanned Aircraft Vector Control Technician License.

With the consistent work of the Administrative Office and EMD networking services, our **.org** e-mail address has been completely transformed to **deltamvcd.gov**. We continued checking the In2Care Mosquito Traps to help control the invasive Yellow Fever mosquito, *Aedes aegypti*. The traps are checked and serviced every two weeks. We observed over 90% of traps with all stages of mosquito larvae in the first 30 days with plenty of dead larvae in the In2Care Mosquito Traps as seen in Figure 1. We will continue to evaluate all 100 traps that have been set throughout the District for the next two months until the end of October 2023.



Figure 1. Examples of dead mosquito larvae in the In2Care Mosquito Traps.

We have been using the following utility terrain vehicles: amphibious extreme terrain vehicle known as Argos, all-terrain vehicle known as Quad or four-wheeler all-terrain vehicle, Side by Side all-terrain utility vehicle, and truck mounted A-1 Mist blowers more than usual this season due to the large amount of water in the District. Bryan Ferguson, our Foreman upgraded the Quad with a boomless sprayer to make it more efficient for spraying in the Kiwi Orchards with a better spray pattern and efficiency as seen in Figure 2 and it only takes one person to run the task compared to the Argo which takes two people to run.



Figure 2. Photos showing the boomless spray mounted on the Quad four-wheeler all-terrain vehicle.

We removed the old out of date and unsafe automotive vehicle lift rack from the Wash Bay area seen in Figure 3 A to replace it with a new Occupational Safety and Health Administration (OSHA) compliance safe automotive heavy-duty lift with safety locks on the lift that can handle the weight of the bigger heavier trucks as seen in Figure 3 B and C.

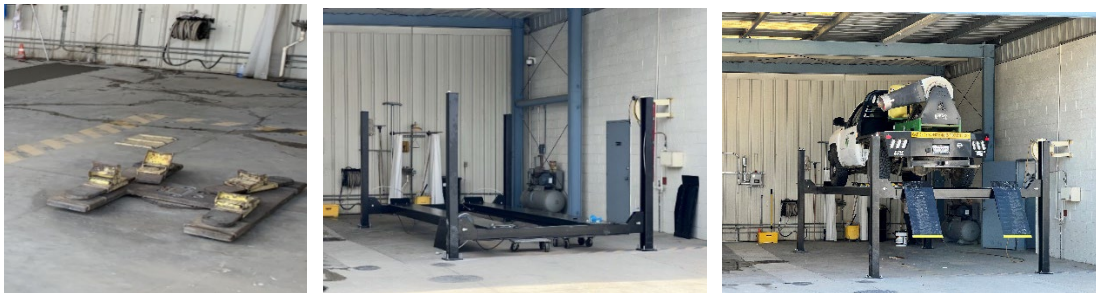


Figure 3 A-C: The old unsafe vehicle lift on the left (A) is replaced with the new OSHA safe vehicle lift shown on the right (B,C).

Routine mosquito surveillance continued through August. 47,970 mosquitoes were collected across 1,731 trap nights as of August 31, 2023. The District-wide average of 27.7 mosquitoes per trap night in August is 4.3% higher than the previous 5-year average of 26.6 and 20.8% lower than the 2022 average of 35.0 mosquitoes per trap night. The top 3 mosquito species caught in August were *Culex quinquefasciatus* at 58.2%, followed by *Aedes aegypti* at 34.1% and *Cx. stigmatosoma* at 4.0%. Compared to August of 2022, the top 3 mosquito species caught were *Cx. quinquefasciatus* at 71.7%, followed by *Ae. aegypti* at 24.2% and *Cx. tarsalis* at 2.7%.

Arbovirus testing for West Nile virus (WNV), St. Louis Encephalitis virus (SLEV), and Western equine encephalitis virus (WEEV) continued in August. Laboratory staff tested 848 mosquito samples collected in August 2023. 173 mosquito samples collected in August have tested positive for WNV, 48 for SLEV, and 25 for SLEV and WNV. Positive mosquito samples were collected from Calgro, Cutler, Delft Colony, Dinuba, Exeter, Farmersville, Goshen, Ivanhoe, Orosi, Peral, Seville, South Kings River region, Traver, Visalia, and Woodlake. Additionally, the Tulare County Public Health Department reported 3 probable human cases of WNV, two from Visalia and one from Cutler. In August 2022, there were 512 WNV positive mosquito samples out of 1,015 tested.

There were 29 technician and homeowner mosquitofish requests in August and 6,074 fish were distributed as of August 30, 2023. In August of 2022, there were 6 technician and homeowner mosquitofish requests, and 164 mosquitofish were distributed. A total of 23,027 mosquitofish fry were produced in August 2023. In August of 2022, 927 mosquitofish fry were produced.

100 mosquito larvae samples were brought to the laboratory for processing in August. In August of 2022, 52 larvae samples were collected and processed. Cleaning and reorganizing of the insectary continued in August.

Routine maintenance continued during August. Air filters were replaced on the BSL-2/3 HVAC system of the laboratory and the actuator end switch was replaced. Monthly safety checks for fire extinguishers and emergency lights were performed as well as weekly safety showers and eyewash inspections.

The laboratory tested 48 mosquito samples from Tulare Mosquito Abatement District (MAD) and 11 samples collected from Tulare by Vector Disease Control International. Kings MAD has stopped testing with the District for the year.

In August, the DMVCD participated and attended 9 outreach events: two Visalia Rawhide Baseball games, 2 Wednesday Visalia Farmers Markets, and 1 Saturday Visalia Farmers Market. We also attended the Exeter National Night Out, a Backpack giveaway event in London, and attended Farmersville and Woodlake senior centers where we provided information and answered any questions or concerns they had. We ordered two retractable banners, one in English and one in Spanish to be primarily used at indoor events where a canopy cannot be used.

There were 142 service requests in August.

2023 Service Request Summary

2023	Mosquitofish	Inspection	Mosquito	Source	Other	Total
January	0	0	5	0	0	5
February	1	0	4	0	0	5
March	3	0	7	0	1	11
April	12	0	83	0	0	95
May	25	0	122	0	0	147
June	9	0	147	0	0	156
July	10	0	130	0	0	140
August	8	0	134	0	0	142
Total	68	0	632	0	1	701

III. Vector and Disease Surveillance

Delta MVCD Summaries

Humans: 3 probable human cases of WNV have been reported so far in August.

Birds: No dead birds tested positive in August. So far, 11 dead birds have been tested with 5 positives for WNV in 2023.

Mosquitoes: 848 mosquito samples were tested in August, of which 173 were positive for WNV, 48 positives for SLEV, and 25 positives for WNV and SLEV. So far this year, 5,656 mosquito samples have been tested with 404 samples positive for WNV, 51 positives for SLEV, and 29 positives for both WNV and SLEV.

State Surveillance:

Humans: As of August 25, 2023, 55 human cases of WNV from 18 counties and 1 case of SLEV from 1 county have been reported so far in 2023. Additionally, there have been 6 asymptomatic WNV blood donors.

Birds: As of August 25, 2023, 354 dead birds from 23 counties have tested positive for WNV in August. So far, 1,237 dead birds have been tested in 2023.

Mosquitoes: As of August 25, 2023, 2,797 mosquito samples from 28 counties have tested positive for WNV. Also, 262 samples from 11 counties have tested positive for SLEV. So far, 34,886 mosquito samples have been tested for WNV and 31,510 samples for SLEV in 2023.

IV. Expenditures & Revenues – 2023/24

Total Budget \$5,068,115,26

EXPENDITURES – July 1, 2023 to August 31, 2023

Salaries	\$717,005.66
Services & Supplies	\$579,016.17
Tax Admin Fee	\$0.00
Capital	\$0.00
Long-Term Debt	\$0.00
TOTAL EXPENDITURES	\$1,296,021.83

REVENUE RECEIVED - July 1, 2023– August 31, 2023

July	\$0.00
August	Unavailable
TOTAL REVENUE TO DATE	Unavailable

V. **Timesheet Summary**

Month	Available Work Hrs	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

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.

** August expenditures and revenue are not available as of 9/8/2023*

5. Non-Elective Component

CalPERS

Retirees

	Set By Legislature Annually	Min Employer Contribution	RATE HAS BEEN	AB 2544 # years * 5% * Minimum contribution Effective 1/2008	formula used	
Before 2004		\$16.00	\$1.00			
2004		\$32.20	2.61	0.05		
2005		\$48.40	5.03	0.10		
2006		\$64.60	8.26	0.15		
2007		\$80.80	12.30	0.20	16.16	
2008		\$97.00	17.15	0.25	\$24.25	
2009	CalPers	\$101.00	CPI%	22.20	0.30	\$30.30
2010	PEMHCA	\$105.00	0.034	27.45	0.35	\$36.75
2011	CPI-Med	\$108.00	0.030	32.85	0.40	\$43.20
2012	component	\$112.00	0.037	38.45	0.45	\$50.40
2013		\$115.00	0.025	44.20	0.50	\$57.50
2014		\$119.00	0.024	50.15	0.55	\$65.45
2015		\$122.00	0.026	56.25	0.60	\$73.20
2016		\$125.00	0.038	62.50	0.65	\$81.25
2017		\$128.00	0.025	68.90	0.70	\$89.60
2018		\$133.00	0.025	75.55	0.75	\$99.75
2019		\$136.00	0.025	82.35	0.80	\$108.80
2020		\$139.00	0.025	89.30	0.85	\$118.15
2021		\$143.00	0.025	96.45	0.90	\$128.70
2022		\$149.00	0.025	103.90	0.95	\$141.55
2023		\$151.00	0.025	111.54	1.00	\$151.00

this was our old rate
prior to AB2544

6. Reappointments

Delta MVCD Trustee Terms and Trainings

Name of Trustees	Area	Term End	AB1825-Due (Harassment Prevention)	AB1234-Due (Ethics Training)	Notes
Belen Gomez	City of Woodlake	12/31/2024	2/16/2025	2/15/2025	
Greg Gomez	City of Farmersville	12/31/2023	3/13/2025	3/17/2024	
Kevin Caskey	County at Large	1/6/2025	2/23/2025	2/15/2025	
Larry Roberts	City of Dinuba	12/31/2024	3/29/2025	3/29/2025	
Linda Guttierrez	County at Large	12/31/2023	10/20/2024	2/15/2025	
Rosemary Hellwig	City of Exeter	12/31/2023	3/18/2025	3/18/2025	
Lori Berger	City of Visalia	12/31/2026	4/6/2025	4/6/2025	

7. AB1234 and AB1825 Training Requirements

Delta MVCD Trustee Terms and Trainings

Name of Trustees	Area	Term End	AB1825-Due (Harassment Prevention)	AB1234-Due (Ethics Training)	Notes
Belen Gomez	City of Woodlake	12/31/2024	2/16/2025	2/15/2025	
Greg Gomez	City of Farmersville	12/31/2023	3/13/2025	3/17/2024	
Kevin Caskey	County at Large	1/6/2025	2/23/2025	2/15/2025	
Larry Roberts	City of Dinuba	12/31/2024	3/29/2025	3/29/2025	
Linda Guttierrez	County at Large	12/31/2023	10/20/2024	2/15/2025	
Rosemary Hellwig	City of Exeter	12/31/2023	3/18/2025	3/18/2025	
Lori Berger	City of Visalia	12/31/2026	4/6/2025	4/6/2025	

8. Audit Preparation



Jaribu W. Nelson, CPA

P.O. Box 1105, Clovis, CA 93613 • Ph: (559) 286-7546 • Email: jaribucpa@gmail.com

June 15, 2023

To Management and the Board of Directors

Delta Mosquito and Vector Control District
1737 W Houston Ave
Visalia, CA 93291

We are pleased to confirm our understanding of the services we are to provide Delta Mosquito and Vector Control District for the year ended June 30, 2023.

Audit Scope and Objectives

We will audit the financial statements of the governmental activities, and general fund, and the aggregate remaining fund information, and the disclosures, which collectively comprise the basic financial statements of Delta Mosquito and Vector Control District as of and for the year ended June 30, 2023. Accounting standards generally accepted in the United States of America (GAAP) provide for certain required supplementary information (RSI), such as management's discussion and analysis (MD&A), to supplement Delta Mosquito and Vector Control District's basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. As part of our engagement, we will apply certain limited procedures to Delta Mosquito and Vector Control District's RSI in accordance with auditing standards generally accepted in the United States of America (GAAS). These limited procedures will consist of inquiries of management regarding the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We will not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient appropriate evidence to express an opinion or provide any assurance. The following RSI is required by GAAP and will be subjected to certain limited procedures, but will not be audited:

- 1) Management's Discussion and Analysis
- 2) Other Post-Employment Benefits Liability

The objectives of our audit are to obtain reasonable assurance as to whether the financial statements as a whole are free from material misstatement, whether due to fraud or error; issue an auditor's report that includes our opinion about whether your financial statements are fairly presented, in all material respects, in conformity with GAAP; and report on the fairness of the supplementary information referred to in the second paragraph when considered in relation to the financial statements as a whole. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. Misstatements, including omissions, can arise from fraud or error and are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment of a reasonable user made based on the financial statements.

Auditor's Responsibilities for the Audit of the Financial Statements

We will conduct our audit in accordance with GAAS and will include tests of your accounting records and other procedures we consider necessary to enable us to express such opinions. As part of an audit in accordance with GAAS, we exercise professional judgment and maintain professional skepticism throughout the audit.

We will evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management. We will also evaluate the overall presentation of the financial statements, including the disclosures, and determine whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation. We will plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether from (1) errors, (2)

fraudulent financial reporting, (3) misappropriation of assets, or (4) violations of laws or governmental regulations that are attributable to the government or to acts by management or employees acting on behalf of the government.

Because of the inherent limitations of an audit, combined with the inherent limitations of internal control, and because we will not perform a detailed examination of all transactions, there is an unavoidable risk that some material misstatements may not be detected by us, even though the audit is properly planned and performed in accordance with GAAS. In addition, an audit is not designed to detect immaterial misstatements or violations of laws or governmental regulations that do not have a direct and material effect on the financial statements. However, we will inform the appropriate level of management of any material errors, fraudulent financial reporting, or misappropriation of assets that comes to our attention. Our responsibility as auditors is limited to the period covered by our audit and does not extend to any later periods for which we are not engaged as auditors.

We will also conclude, based on the audit evidence obtained, whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the government's ability to continue as a going concern for a reasonable period of time.

Our procedures will include tests of documentary evidence supporting the transactions recorded in the accounts, tests of the physical existence of inventories, and direct confirmation of receivables and certain assets and liabilities by correspondence with selected customers, creditors, and financial institutions. We will also request written representations from your attorneys as part of the engagement.

Our audit of the financial statements does not relieve you of your responsibilities.

Audit Procedures—Internal Control

We will obtain an understanding of the government and its environment, including internal control relevant to the audit, sufficient to identify and assess the risks of material misstatement of the financial statements, whether due to error or fraud, and to design and perform audit procedures responsive to those risks and obtain evidence that is sufficient and appropriate to provide a basis for our opinions. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentation, or the override of internal control. An audit is not designed to provide assurance on internal control or to identify deficiencies in internal control. Accordingly, we will express no such opinion. However, during the audit, we will communicate to management and those charged with governance internal control related matters that are required to be communicated under AICPA professional standards.

We have identified the following significant risk(s) of material misstatement as part of our audit planning:

- Accounting for other post-employment benefits liability
- Reconciliation of County of Tulare investment pool

Audit Procedures—Compliance

As part of obtaining reasonable assurance about whether the financial statements are free of material misstatement, we will perform tests of Delta Mosquito and Vector Control District's compliance with the provisions of applicable laws, regulations, contracts, and agreements. However, the objective of our audit will not be to provide an opinion on overall compliance and we will not express such an opinion.

Responsibilities of Management for the Financial Statements

Our audit will be conducted on the basis that you acknowledge and understand your responsibility for designing, implementing, and maintaining internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error, including monitoring ongoing activities; for the selection and application of accounting principles; and for the preparation and fair presentation of the financial statements in conformity with accounting principles generally accepted in the United States of America with the oversight of those charged with governance.

Management is responsible for making drafts of financial statements, all financial records, and related information available to us and for the accuracy and completeness of that information (including information from outside of the general and subsidiary ledgers). You are also responsible for providing us with (1) access to all information of which you are aware that is relevant to the preparation and fair presentation of the financial statements, such as records, documentation, identification of all related parties and all related-party relationships and transactions, and other matters; (2) additional information that we may request for the purpose of the audit; and (3) unrestricted access to persons within the government from whom we determine it necessary to obtain audit evidence. At the conclusion of our audit, we will require certain written representations from you about the financial statements and related matters.

Your responsibilities include adjusting the financial statements to correct material misstatements and confirming to us in the management representation letter that the effects of any uncorrected misstatements aggregated by us during the current engagement and pertaining to the latest period presented are immaterial, both individually and in the aggregate, to the financial statements of each opinion unit taken as a whole.

You are responsible for the design and implementation of programs and controls to prevent and detect fraud, and for informing us about all known or suspected fraud affecting the government involving (1) management, (2) employees who have significant roles in internal control, and (3) others where the fraud could have a material effect on the financial statements. Your responsibilities include informing us of your knowledge of any allegations of fraud or suspected fraud affecting the government received in communications from employees, former employees, grantors, regulators, or others. In addition, you are responsible for identifying and ensuring that the government complies with applicable laws and regulations.

You are responsible for the preparation of the supplementary information in conformity with accounting principles generally accepted in the United States of America (GAAP). You agree to include our report on the supplementary information in any document that contains, and indicates that we have reported on, the supplementary information. You also agree to [include the audited financial statements with any presentation of the supplementary information that includes our report thereon. Your responsibilities include acknowledging to us in the representation letter that (1) you are responsible for presentation of the supplementary information in accordance with GAAP; (2) you believe the supplementary information, including its form and content, is fairly presented in accordance with GAAP; (3) the methods of measurement or presentation have not changed from those used in the prior period (or, if they have changed, the reasons for such changes); and (4) you have disclosed to us any significant assumptions or interpretations underlying the measurement or presentation of the supplementary information.

Engagement Administration, Fees, and Other

We understand that your employees will prepare all cash, accounts receivable, or other confirmations we request and will locate any documents selected by us for testing.

The audit documentation for this engagement is the property of Jaribu W. Nelson, CPA and constitutes confidential information. However, subject to applicable laws and regulations, audit documentation and appropriate individuals will be made available upon request and in a timely manner to the California State Controller's Office or its designee. We will notify you of any such request. If requested, access to such audit documentation will be provided under the supervision of Jaribu W. Nelson personnel. Furthermore, upon request, we may provide copies of selected audit documentation to [Name of Regulator] or its designee. The California State Controller's Office or its designee may intend or decide to distribute the copies or information contained therein to others, including other governmental agencies.

Jaribu W. Nelson is the engagement partner and is responsible for supervising the engagement and signing the report or authorizing another individual to sign it. We expect to begin our audit upon receiving a signed engagement letter and to issue our reports at a mutually agreed upon date.

Our fee for services will be at our standard hourly rates and we agree that our gross fee, including expenses, will not exceed \$10,000. Our standard hourly rates vary according to the degree of responsibility involved and the experience level of the personnel assigned to your audit. Our invoices for these fees will be rendered as follows:

\$5,000 retainer to start the audit

Remaining balance due at audit presentation

In accordance with our firm policies, work may be suspended if your account becomes 30 days or more overdue and may not be resumed until your account is paid in full. If we elect to terminate our services for nonpayment, our engagement will be deemed to have been completed upon written notification of termination, even if we have not completed our report. You will be obligated to compensate us for all time expended and to reimburse us for all out-of-pocket costs through the date of termination. The above fee is based on anticipated cooperation from your personnel and the assumption that unexpected circumstances will not be encountered during the audit. If significant additional time is necessary, we will discuss it with you and arrive at a new fee estimate before we incur the additional costs.

Reporting

We will issue a written report upon completion of our audit of Delta Mosquito and Vector Control District's financial statements. Our report will be addressed to the board of director's and management of Delta Mosquito and Vector Control District. Circumstances may arise in which our report may differ from its expected form and content based on the results of our audit. Depending on the nature of these circumstances, it may be necessary for us to modify

our opinions, add a separate section, or add an emphasis-of-matter or other-matter paragraph to our auditor's report, or if necessary, withdraw from this engagement. If our opinions are other than unmodified, we will discuss the reasons with you in advance. If, for any reason, we are unable to complete the audit or are unable to form or have not formed opinions, we may decline to express opinions or withdraw from this engagement.

We appreciate the opportunity to be of service to Delta Mosquito and Vector Control District and believe this letter accurately summarizes the significant terms of our engagement. If you have any questions, please let us know. If you agree with the terms of our engagement as described in this letter, please sign the attached copy and return it to us.

Very truly yours,

Jaribu W. Nelson, CPA

Jaribu W. Nelson, CPA

RESPONSE:

This letter correctly sets forth the understanding of Delta Mosquito and Vector Control District.

Management signature: _____

Title: _____

Date: _____

Governance signature: _____

Title: _____

Date: _____

9. Board of Trustees Member Comments

10. Future Agenda Items

11. Adjournment