

DELTA MOSQUITO & VECTOR CONTROL DISTRICT

Dr. Mustapha Debboun
General Manager

1737 West Houston Avenue * Visalia, California 93291
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Crystal Grippin
Scientific Program Manager

www.deltamvcd.org



Hector Cardenas
Operations Program Manager

Erick Arriaga
Community Education & Outreach Coordinator

Mary Ellen Gomez
Administrative Assistant

Paul Harlien
Foreman

Rick Alvarez
Vector Control Supervisor

Bryan Ruiz
Supervisor Assistant

DATE: Friday, October 7, 2022

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, October 12, 2022, at 4:30 p.m.

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

AGENDA:

1. Roll Call
2. The Board will recognize and present the Employee of the Quarter Certificate to Foreman Paul Harlien.
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) persons wishing to comment, then time will be divided equally between all persons wishing to speak, so that everyone has an opportunity to address the Board.

ACTION

4. Consent Calendar

- a) September Minutes
- b) September Bills (Board Orders #10, #11, #12)
- c) October Payroll & Bills (Board Order #13, #14)

5. Manager's Report

The General Manager will report on items of District operational interest.

ACTION

6. Sick Leave Policy Revision

The Board will discuss, review, and approve the updated and revised District's sick leave policy.

7. Board Member Comments

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

8. Future Agenda Items

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

ACTION

9. Adjournment

Adjourn meeting of the Board of Trustees to reconvene on Wednesday, November 9, 2022, 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 take action

1. ROLL CALL

2. Presentation of Employee of the Quarter Certificate

3. Public Forum

4. Consent Calendar

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Minutes of the Board of Trustees – Wednesday, September 14, 2022, Start: 4:30 p.m.

1. **Roll Call:**

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

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 the consent calendar as presented.

4. **Staff Report:**

Dr. Debboun gave an overview of the current field and laboratory operations and discussed the increase of West Nile virus (WNV) positive mosquito pools in the District and throughout the Central Valley. Data shows that the 2022 WNV positive mosquito pool trend follows and is similar to that of 2019 mosquito season. He also informed the Board members that in collaboration with the Leading Edge Technologies, Delta Mosquito and Vector Control District (DMVCD) staff performed its first Drone larviciding mission on August 30 and 31, 2022 on the northwest area of Visalia. Dr. Debboun also provided the Board members with copies of the prestigious Popular Science article on DMVCD activities and shared with them the upcoming timeline for the DMVCD 100-year Anniversary and Celebration event on October 8, 2022.

5. **Disposal Of Surplus Vehicle:**

Following discussion, it was moved by Kevin Caskey, seconded by Rosemary Hellwig, and unanimously approved by the Board members for the General Manager to auction the 1997 Chevrolet Silverado that is very old, has high mileage and non-functional.

6. Non-Elective Component

Following discussion, it was moved by Belen Gomez, seconded by Larry Roberts and the Board members unanimously approved the premium component required for medical health coverage in the Section 125 plan maintained by DMVCD administrative office.

7. Reappointments:

Dr. Debboun requested if the three Board members: Belen Gomez, Kevin Caskey, and Larry Roberts would like to extend their terms on the Board as their current terms will end on December 31, 2022, they each were interested in renewing and extending their terms.

8. AB1234 and AB1825 Training Requirements:

Dr. Debboun informed the Board members that their two required trainings, i.e., Harassment Prevention (AB1825), and Ethics (AB1234) need to be updated for all except the Board President, Greg Gomez.

9. Board Member Comments:

Rosemary Hellwig would like to address sick leave policy at next Board Meeting.

10. Future Agenda Items:

Sick Leave Policy will be added to the October Agenda.

11. Adjournment:

It was moved by Kevin Caskey, seconded by Linda Gutierrez, and the Board members unanimously approved to adjourn the meeting at 5:31 p.m.

Dr. Mustapha Debboun, Recording Secretary

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
37023	PAUL RAPER	Vector Control Tech II		1,769.39
37024	ADRIAN SIFUENTES	Vector Control Tech II		1,867.51
37025	ESMERALDA ANDRADE-BEDOLLA	Vector Control Tech I		960.88
37026	ZACKERY BARRAGAN	Laboratory Tech I		972.97
37027	CHRISTIAN FLORES	Vector Control Tech I		1,051.37
37028	ALEJANDRA GILL	Laboratory Tech I		1,203.26
37029	REBECCA HARLIEN	Vector Control Tech I		928.67
37030	MERRITT HORNING	Vector Control Tech I		866.33
37031	ALYSIA INGRIM	Vector Control Tech I		871.11
37032	JUDITH LOPEZ	Vector Control Tech I		603.03
37033	DOLORES MALDONADO	Laboratory Tech I		1,130.36
37034	JAKE MALDONADO	Vector Control Tech I		876.15
37035	JUAN PABLO ORTEGA	Laboratory Tech II		1,705.49
37036	BRENDA RODRIGUEZ VIVAR	Laboratory Tech I		1,120.94
37037	CARLOS RODRIGUEZ	Vector Control Tech II		1,817.56
37038	LISA SALGADO	Vector Control Tech I		1,061.88
37039	RYAN SPRATT	Vector Control Tech I		1,065.97
37040	DAVID TOWNSEND	Vector Control Tech I		972.97
37041	KORY WILSON	Vector Control Tech I		1,177.72
37042	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		5,526.08
37043	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		440.72
37044	DELTA VECTOR CONTROL DIST - EFTPS	CaPERS Retirement		1,658.32
		TOTAL PAYROLL		\$29,648.68
37045	ADAPCO	Guardian , 30gal Drum Fyfanon, Transfer Pump	Capital	19,514.48
37046	AUTOZONE	Blower Motor/Fan Assembly/Fuse T-6, Blower Motors & Blower Motor Resistor T12 & T50	Auto Supplies	372.56
37047	CITY OF VISALIA	Utilities	Utilities	117.97
37048	COLE PALMER	Homogenizer, (2) foam inserts for homogenizer	Capital-Lab Assessment	22,687.32
37049	COMCAST	Internet	Telephones/Cellphones	347.36
37050	EMD	Monthly Billing - October	Maint. Contract	2,589.25
		VOIP Phone System	Telephones/Cellphones	430.00
37051	HOME DEPOT	(5) NOCO Genius 2amp chargers, (5) 12volt batteries	Lab Assessment	536.75
37052	LEADING EDGE AERIAL TECHNOLOGIES, INC	Precision Vision Aerial Application Services -Larvicide and Adulticide	Capital	7,300.00
37053	LINXUP	GPS	GPS	1,719.14
37054	MITCHELL 1	ProDemand (includes tax)	2857.68 Subscriptions	3,262.68
		Quarterly Billing	405.00 Maint. Contract	
37055	MOMENTUM BROADCASTING	August Promotion - 100 year	Public Relations	720.00
37056	PACIFIC WEST	Monthly Service Contract	Maint. Contract	250.00
37057	VALLEY INDUSTRIAL	Pre-employment Physical (1) Seasonal Employee	Professional Services	125.00
37058	VALLEY PACIFIC	Fuel	Fuel	11,628.54
37059	VESERIS/ES OPCO	(25) In2Care Traps	Traps-Assessment	1,830.94
37060	WEST COAST BIOTECH	Waste Disposal	Lab Supplies	140.00
		TOTAL BILLS		\$73,571.99
		TOTAL BOARD ORDER #10		\$103,220.67

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
37061	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Health		1,507.12
		TOTAL PAYROLL		\$1,507.12
		TOTAL BOARD ORDER #11		\$1,507.12

September Payroll

Board Order No. 12
Consent Calendar Exhibit IV

VOUCHER	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
37062	BARCENA, ANALEE	ADMINISTRATIVE ANALYST		2,471.30
		<i>Sub-Total Full-Time Payroll</i>		\$2,471.30
37063	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax	Employee 71% - District 29%	650.72
37064	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax	Employee 100%	39.65
37065	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement	Employee 40% - District 60%	454.29
		<i>Total for Full-Time Payroll Taxes & Benefits</i>		\$ 3,615.96
37066	ARNOLD AUTO CENTER	2006 Jeep Wrangler	Capital-Vehicles	16,485.00
37067	CLARKE	(3) Produra disposable sleeves (sets of 2), (2) filter elements	Operational Supplies	480.14
37068	KIWANIS OF FARMERSVILLE	Vendor Booth- Farmersville Fall Festival	Public Relations	40.00
37069	LINDE GAS AND EQUIPMENT	Dry Ice	Lab Supplies	966.60
37070	LOZANO SMITH	Advise District on Uniform Return Policy	Professional Services	67.50
37071	PAUL HARLIEN	Per Diem - Arizona pick up Jeep Wrangler	Travel	128.00
37072	PURE SUN SOLAR	Solar Panel Cleaning	Building/Yard	165.00
37073	TARGET SPECIALTY PRODUCTS	(10) bags XRG Ultra, (7) bags XRG, 1 case XR briquet, (3) bags Duplex G	Operational Supplies	10,848.71
		<i>Total Bills</i>		\$29,180.95
		<i>Total Board Order #12</i>		\$ 32,796.91

October Payroll
September Seasonal Payroll

Board Order No. 13
Consent Calendar Exhibit V

VOUCHER	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
37074	DEBBOUN, MUSTAPHA	MANAGER		7,081.36
37075	ALVAREZ, RICK	VECTOR CONTROL SUPERVISOR		5,713.04
37076	ARRIAGA, ERICK	COMMUNITY EDUCATION & OUTREACH COORDINATOR		4,670.90
37077	BARCENA, ANALEE	ADMINISTRATIVE ANALYST		892.33
37078	CARDENAS, HECTOR	OPERATIONS PROGRAM MANAGER		5,900.31
37079	FERGUSON, BRYAN	VECTOR CONTROL TECHNICIAN III/MECHANIC		5,283.56
37080	GOMEZ, MARY ELLEN	ADMINISTRATIVE ASSISTANT		4,677.21
37081	GRIPPIN, CRYSTAL	SCIENTIFIC PROGRAM MANAGER		6,065.85
37082	HARLIEN, PAUL	FOREMAN		5,521.61
37083	NAKATA, MARK	BIOLOGIST		5,735.84
37084	RUIZ, BRYAN	VECTOR CONTROL TECHNICIAN III		4,811.36
37085	SANCHEZ, MARIO	VECTOR CONTROL TECHNICIAN III/MECHANIC		4,334.86
37086	TROUPIN, ANDREA	BIOLOGIST		5,347.78
37087	VALDIVIAS, JAVIER	BIOLOGIST		5,441.80
37088	GREG GOMEZ	TRUSTEE PAYROLL - QUARTERLY		277.05
37089	BELÉN GOMEZ	TRUSTEE PAYROLL - QUARTERLY		277.05
37090	LINDA GUTTIERREZ	TRUSTEE PAYROLL - QUARTERLY		277.05
37091	ROSEMARY HELLWIG	TRUSTEE PAYROLL - QUARTERLY		184.70
37092	KEVIN CASKEY	TRUSTEE PAYROLL - QUARTERLY		277.05
37093	LARRY ROBERTS	TRUSTEE PAYROLL - QUARTERLY		277.05
		<i>Sub-Total Full-Time Payroll</i>		\$73,047.76
37094	VSP	Vision Plan Premium		529.82
37095	DELTA DENTAL PLAN	Dental Plan Premium		1,412.86
37096	LINCOLN FINANCIAL GROUP	Life/STD & LTD Insurance		1,071.20
37097	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Health Insurance Premium		23,517.93
37098	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax	Employee 71% - District 29%	31,963.98
37099	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax	Employee 100%	5,513.44
37100	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement	Employee 40% - District 60%	18,170.44
37101	DELTA VECT CONT DIST	Flex Benefit Plan	Employee 100%	1,174.96
37102	ICMA RETIREMENT TRUST	Deferred Retirement Trust	Employee 77% - District 23%	1,023.95
		<i>Total for Full-Time Payroll Taxes & Benefits</i>		\$ 157,426.34
37103	PAUL RAPER	Vector Control Tech II		1,769.40
37104	ADRIAN SIFUENTES	Vector Control Tech II		1,529.37
37105	ESMERALDA ANDRADE-BEDOLLA	Vector Control Tech I		1,165.04
37106	ZACKERY BARRAGAN	Laboratory Tech I		857.97
37107	ALEJANDRA GILL	Laboratory Tech I		814.44
37108	ALYSIA INGRIM	Vector Control Tech I		1,127.09
37109	REBECCA HARLIEN	Vector Control Tech I		1,326.02
37110	BRENDA RODRIGUEZ VIVAR	Laboratory Tech I		1,234.52
37111	CARLOS RODRIGUEZ	Vector Control Tech II		1,817.55
37112	CHRISTIAN FLORES	Vector Control Tech I		1,128.38
37113	DAVID TOWNSEND	Vector Control Tech I		1,367.10
37114	DOLORES MALDONADO	Laboratory Tech I		1,218.50
37115	JAKE MALDONADO	Vector Control Tech I		1,465.29
37116	JUAN PABLO ORTEGA	Laboratory Tech II		1,697.27
37117	KORY WILSON	Vector Control Tech I		1,290.24
37118	MERRITT HORNING	Vector Control Tech I		1,255.70
37119	LISA SALGADO	Vector Control Tech I		1,147.97

October Payroll
September Seasonal Payroll

Board Order No. 13
Consent Calendar Exhibit V

VOUCHER	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
37120	RYAN SPRATT	Vector Control Tech I		1,155.46
37121	COURT ORDERED DEBT COLLECTIONS	Wage Garnishment		285.99
37122	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		6,207.32
37123	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		579.21
37124	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		1,659.86
		<i>Sub-Total for Payroll Taxes & Benefits</i>		32,099.69
		<i>Total Full-Time, Seasonal and Trustee Payroll & Benefits</i>		189,526.03
37125	AT&T	Long Distance	Telephone/Cellphones	22.77
37126	CAL WATER	Utilities	Utilities	167.79
37127	CATALINA MURO DELGADILLO	Additional payment - add extra table 100 year celebration	Name, Logo & Celebration	10.00
37128	ENTERPRISE FLEET MANAGEMENT	Lease Payment (4) Vehicles	Capital-Vehicles	2068.68
37129	SMITH PROMOTIONS	Polo Shirts -- Management Personnel	Uniforms	1029.67
37130	SO CAL GAS	Utilities	Utilities	43.17
37131	US BANK			7,479.83
		Dreamhost	3.00 Subscriptions	
		Google Suites	203.21 Subscriptions	
		Indeed	75.00 Advertising	
		SipTrunk - Efax	280.88 Telephone/Cellphones	
		Disneyland Resort -- AMCA Hotel Stay	1258.92 Travel	
		Amazon - Fuse Taps for GPS systems	32.52 Vehicle Supplies	
		Amazon - Double sided tape, silicone phone case, HP Toner	149.59 Office Supplies	
		USPS - Mailing of Replacement Sleeves	5.10 Misc Expense	
		Elitech - Temperature and Humidity Date Logger	39.05 Lab Assessment	
		Petco - 1 gal stress coat, 16 oz API Conditioner	60.16 Fish Supplies	
		Savemart - Dry Ice	640.51 Lab Assessment	
		Water Envirotech - Nitri Bac, Ammonia Blast, Proculture	383.99 Fish Supplies	
		FoodMaxx - Dry Ice	75.73 Lab Assessment	
		Idea Printing and Graphics - 3 x 4 Banner	110.67 Continuing Education	
		Fly Shuttle - Hawaii Airport Shuttle (Crystal Grippin SOVE)	18.82 Travel	
		United Airlines - Bag Check fees (Crystal Grippin SOVE)	65.00 Travel	
		CVS - Sympathy Card (Lab Employee)	5.41 Misc Expense	
		Uline - Chemical Resistant Nitrile Gloves	190.64 Safety Supplies	
		UPS Store - Ground Commercial Box (Pipette to Eppendorf)	47.71 Lab Supplies	
		Costco - Ice Cream and Cookies	35.47 Misc. Expense	
		National Pen Co - Engraved Stylus Pens (100 Year Celebration)	327.57 Name, Logo & Celebration	
		El Tarasco - Lunch w/ Bryan R.	65.74 Travel	
		Pita Kabob - Lunch w/Greg	42.62 Travel	
		Los Arbolitos - Lunch w/ Erick	32.18 Travel	
		United Airlines - Bag Check fees (Dr. Debboun SOVE)	35.00 Travel	
		Roberts Hawaii Shuttle - Shuttle to Hotel (Dr. Debboun)	23.00 Travel	
		Google Domain	12.00 Subscriptions	
		Lowe's - Universal Cover, AA Batteries, (13) 31 gal totes (Calibrating)	548.22 Assessment	
		MVCAC - Conference Dues for (7) employees	2625.00 Dues	
		Ebay - (2) carburetors for pole saws	30.34 Building/Yard	
		Ebay - (2) digital LED counters & (2) digital punch counters	56.78 Operational Supplies	
37132	WESTAMERICA BANK	Lease Payment - Fish Hatchery	Lease Expense	58,914.03
		<i>Total Bills</i>		\$69,735.94

October Payroll
September Seasonal Payroll

Board Order No. 13
Consent Calendar Exhibit V

VOUCHER	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
		<i>Total Board Order #13</i>		\$ 259,261.97

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
37133	ESMERALDA ANDRADE-BEDOLLA	Vector Control Tech I		711.64
37134	ZACKERY BARRAGAN	Laboratory Tech I		528.73
37135	CHRISTIAN FLORES	Vector Control Tech I		721.58
37136	REBECCA HARLIEN	Vector Control Tech I		711.64
37137	DOLORES MALDONADO	Laboratory Tech I		753.57
37138	JAKE MALDONADO	Vector Control Tech I		711.64
37139	BRENDA RODRIGUEZ VIVAR	Laboratory Tech I		777.19
37140	RYAN SPRATT	Vector Control Tech I		769.96
37141	DAVID TOWNSEND	Vector Control Tech I		711.64
37142	KORY WILSON	Vector Control Tech I		811.91
37143	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		1,594.36
37144	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		79.61
37145	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		129.69
		TOTAL PAYROLL		\$9,013.16
37146	2 MARKET VISUALS	(6) large format prints, banners (100 year celebration)	Name, Logo & Celebration	508.47
37147	AUTO GLASS CENTRAL	Window Replacement	Vehicle Supplies	291.15
37148	AUTOZONE	4gals. windshield washer fluid, fuse box	Vehicle Supplies	10.69
37149	CA DEPT OF PUBLIC HEALTH	Certification Exam Fees	Continuing Education	702.00
37150	CLINE'S BUSINESS EQUIPMENT	Contract Fee	Maint Contract	30.00
37151	EMD			440.85
		Install New Tripp Lite Cat 5e cable	10.85 Office Supplies	
		VOIP Phones	430.00 Telephones/Cellphones	
37152	LINDE GAS & EQUIPMENT INC.	Dry Ice	Lab Assessment	180.17
37153	MISSION LINEN			1,551.21
		Uniforms	1240.66 Uniforms	
		Janitorial	310.55 Janitorial	
37154	NAPA	T4 power steering hoses & power steering fluid, T2 and all V6 Colorados Oil Filters	Vehicle Supplies	95.71
37155	OFFICE DEPOT	Large and small sticky notes, labels, binder clips	Office Supplies	106.15
37156	SSJV REGIONAL CONTINUING ED	Continuing Ed Program Fees - Tulare Ag Center Event (12) Employees	Continuing Education	540.00
37157	SMART & FINAL			562.51
		Dry Ice, Sugar, Yeast	547.66 Lab Assessment	
		First Street/Fancy Heat	14.85 Name, Logo & Celebration	
37158	SO CAL EDISON	Utilities	Utilities	4,952.85
37159	VALLEY PACIFIC	Fuel	Fuel	5,748.51
37160	WIZIX	Final Contract Invoice - Old Copier	Maint Contract	77.58
		TOTAL BILLS		\$15,797.85
		TOTAL BOARD ORDER #14		\$24,811.01

5. Manager's Report

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REPORT OF THE MANAGER SEPTEMBER 2022

I. Water and Weather

The temperature remained high throughout the month of September. The Delta Mosquito and Vector Control District (DMVCD) Weather Station reported an average high temperature of 94.7°F with an average low of 66.6°F and 0.0 inches of rainfall. The National Oceanic and Atmospheric Administration 1981-2010 seasonal averages for high and low temperatures in September were 88.3°F and 60.1°F respectively, with average rainfall of 0.07 inches.

Water storage at Pine Flat Reservoir increased to 149,473 acre-feet by the end of September. By September 30, 2022, Pine Flat Reservoir's water inflow had decreased to 792 cubic feet per second (CFS) while its release continued to decrease to 234 CFS. The Lake Kaweah Reservoir had less water than the previous month with 11,654 acre-feet on September 30, 2022. Lake Kaweah's inflow decreased to 13 CFS and its release dropped to 47 CFS.

II. Narrative

Field operations received 113 service requests in September which consisted of a vector control technician inspecting the reported property for any standing water that can breed mosquito larvae. During this time, the technician uses 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. Field staff completed a total of 3,746 mosquito inspections throughout the District including rural and urban locations. Staff conducted 1,032 larval applications, and continued storm drain operations for September. Operations treated 10,086 storm drains in relation to streets, parks, commercial complexes, and parking lots. Storm drains are treated using a 30-day residual product (Altosid WSP), and inspections are done monthly.

Larviciding aerial treatment for the Kaweah River Rock Plant Continued with the 4th treatment occurring on September 6, 2022. During the application, 8 acres were treated with an insect growth hormone regulator, Methoprene (Altosid XRG Ultra).

Due to high mosquito counts in the rural portion of the District, we continued large *Bacillus thuringiensis israelensis* (Bti) applications to reduce the mosquito populations near dense corn crops in the northern region of Visalia. Due to high viral activity operations, 3 adult mosquito treatments were conducted on September 14, 22, and 29. The treatments were conducted on the Northwest section of Visalia covering approximately 1,328 acres.

Due to high *Aedes aegypti* abundance, the District conducted an application technique called Wide Area Larvicide System (WALS). The WALS is a technique to target *Ae. aegypti* and its cryptic breeding locations. The application technique consists of about 6-8 applications. The first WALS application was conducted on June 28, 2022, in 6 locations. The District completed all 48 applications with the last application ending on September 15, 2022. The WALS Program treated a total of 2,400 acres.

Due to the 1997 Chevrolet Silverado truck's extreme old age of 25 years, high mileage of 169,626 miles, and the need of extensive repair to the transmission, the vehicle was sent to auction on Govdeals.com which is a liquidity service marketplace. On September 15 for an 8-day auction ending on September 23. The vehicle was sold for \$2,350.00 to a public member from Kingsburg, California.

On 9/28/2022, The Operations Staff, conducted our third drone operation this mosquito season at the Woodlake rock plant. Staff completed a granule application covering 6 acres.

(Image of aerial application on 9/28/2022)



Routine mosquito surveillance continued throughout September. A total of 46,818 mosquitoes were collected across 1,487 trap nights. The District-wide average of 31.5 mosquitoes per trap night for September is 15.8% higher than the previous 5-year average of 27.2 but 37.1% lower than the 2021 average of 20.8 mosquitoes per trap night. The top 3 mosquito species trapped in September were *Culex quinquefasciatus* at 76.8% of total abundance, followed by *Ae. aegypti* at 19.2% and *Cx. tarsalis* at 2.6%. Compared to September of 2021, the top three mosquito species caught were *Cx. quinquefasciatus* at 86.0%, followed by *Ae. aegypti* at 7.9% and *Cx. tarsalis* at 3.2% of mosquito total abundance.

Mosquito-borne disease testing for West Nile virus (WNV), St. Louis Encephalitis virus (SLEV), and Western Equine Encephalitis virus (WEEV) continued in September. The DMVCD tested 818 of the 889 mosquito samples collected in September, with 183 mosquito samples positive for WNV and 5 samples positive for SLEV. Test results are pending for the remaining samples. In September 2021, 1,136 mosquito samples and 1 dead bird were collected with 109 mosquito samples positive for WNV and 4 for SLEV. So far in 2022, a total of 955 mosquito samples have tested positive for WNV and 5 for SLEV out of 3,955 samples tested. At this time last year, 275 mosquito samples tested positive for WNV and 4 for SLEV out of 2,778 mosquito samples collected.

There were 7 technician and homeowner mosquitofish requests in September to distribute a total of 212 mosquitofish. In September 2021, there were 14 technician and homeowner mosquitofish requests to distribute a total of 297 mosquitofish. Approximately 1,305 mosquitofish fry were produced in September 2022. In September 2021, 737 fry were produced. The outdoor mosquitofish holding tanks were restocked with plenty of mosquitofish.

A total of 91 mosquito larvae samples were brought to the laboratory for species identification and resistance testing. Susceptible *Cx. quinquefasciatus*, *Cx. tarsalis*, and *Ae. aegypti* colonies were maintained for insecticide resistance testing.

In September 2022, DMVCD attended 5 outreach events, 3 of them were the last games of the Visalia Rawhide Baseball season. The engagement with the residents at the events was very high, most had many questions on mosquito-bite and mosquito-breeding prevention tips.

The At-a-Glance infographic has been updated with final statistics and printed for the 100-year Anniversary Celebration event. A short history has been posted on the Tulare Historical Society's website, and a more detailed history will be published in its December issue of the newsletter. All signage was created, printed, and delivered a week before the event. The signs will be posted at each station to inform the visitors about what is displayed, in case they aren't able to speak with an employee. All the giveaway items have been delivered, i.e., coasters, pens, Koozies and drawstring bags, where each station will have one of these items.

The full-time staff has received two new polo shirts with the updated logo to be used during the event, the shirts were done locally by Smith Promotions, who matched an

online price. Technicians were given a postcard sized invitation to give out to residents when each inspection was completed.

Timeline for the 100-year Anniversary Celebration.

7:00 am - Begin moving all District vehicles to the nearby school parking lot. The van will shuttle drivers back and forth.

Vehicles that will stay are: Argo with Boss, 3 jeeps, side by side, Polaris, Old oil truck, the newest super duty, adulticide, drone trailer and outreach van.

7:30 am - Set up canopies for each station (Laboratory, Operations, and Outreach). Lab will have Crystal at the traps, Andrea in the Lab, Javier with insectary displays in the garage, Mark in the fish hatchery.

Operations will have Rick, Paul, and Mario with the vehicles and the booth with other equipment. The drone trailer will be in front of the wash bay.

Outreach Booth: Erick will set up in front of the north auto shop bay door next to the Oxitec booth.

Food and seating: Bryan and Rebecca will be in the first garage bay cooking.

Mary-Ellen will be in the large canopy at the welcome table.

8:30am - Staff Breakfast

9:00am - Food setup

10:00am - Start event, staff is in position.

10:30am - Facility tours will begin and run every 30 minutes.

2:00pm - Close the gate after the last guest has left.

2:00pm - Cleanup and shuttle drivers to pick-up District vehicles from the school lot.

2:30pm - Rental equipment will be picked up.

There were 113 service requests in September:

2022 Service Request Summary

2022	Fish	Inspection	Mosquito	Source	Other	Total
January	0	0	0	5	0	5
February	2	0	7	7	0	16
March	4	0	7	14	0	25
April	12	0	10	17	0	39
May	15	6	9	23	0	53
June	15	43	28	36	0	122
July	9	29	86	24	1	149
August	9	17	153	48	0	227
September	5	21	63	22	2	113
Total	62	99	210	148	3	522

III. Vector and Disease Surveillance

Delta MVCD Summaries

Humans: There was 1 probable human case of an WNV reported by the Tulare local public health department in September.

Birds: No dead birds were tested in September. In 2022, 2 dead birds tested positive for WNV out of the 8 dead birds tested so far.

Mosquitoes: In September, 183 mosquito samples were positive for WNV out of the 818 samples tested so far. Test results are pending for the remaining 52 samples collected in September. So far in 2022, a total of 3,137 mosquito samples have been tested with 615 samples positive for WNV.

State Surveillance:

Humans: 81 human cases of WNV from 16 counties and 6 SLEV human cases from 4 counties have been reported so far 2022.

Birds: 166 dead birds from 22 counties have tested positive for WNV. So far, 1,125 dead birds have been tested in 2022.

Mosquitoes: 2,925 mosquito samples have tested positive for WNV out of 34,191 samples tested in 2022. Additionally, 131 mosquito samples have tested positive for SLEV out of 30,785 mosquito samples tested in 2022.

IV. Expenditures & Revenues – 2022/23

TOTAL BUDGET \$4,833,308.73

EXPENDITURES – July 1, 2022 – September 30, 2022

Salaries	\$1,029,521.02
Services & Supplies	\$338,634.05
Tax Admin Fee	\$0.00
Capital	\$59,962.84
Long Term Debt	\$0.00
TOTAL EXPENDITURES	\$1,425,117.91

REVENUE RECEIVED – July 1, 2022 – September 30, 2022

July	\$1,120.28
August	\$0.00
September	\$0.00
TOTAL REVENUE TO DATE	\$1,120.28

V. Time Sheet Summary

Month	Available Work Hrs	Sick Hrs Used	Total Hrs Available for Work	Pct. Of Hrs Avail for Work
July	5,880	20.5	5,859.5	99.65
August	6,440	39.5	6,400.5	99.38
September	5,456	48.25	5,407.75	99.12

The District has a vacation policy that requires 24-hour notice in order 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.

****September expenditures and revenue not available as of 10/07/2022***

6. Sick Leave Policy Revision

Delta Mosquito and Vector Control District

— MANUAL of POLICIES —

POLICY TITLE
Sick Leave

POLICY NUMBER
3003

3003.1 Purpose

Sick leave is defined as absence because of illness, non-industrial injury, and quarantine due to exposure to a contagious disease; diagnosis, care, or treatment of an existing health condition of or preventative care for, an employee or a family member and, for specified purposes for an employee who is a victim of domestic violence, sexual assault, or stalking. In addition, doctor and dental appointments shall be subject to sick leave when it is not feasible to schedule them on the employee's own time so long as prior notice is provided to the immediate supervisor.

3003.2 Policy

3003.2.1 Employees shall be entitled to use sick leave after completing three months of employment.

3003.2.2 Regular Employees shall earn paid sick leave at the rate of one working day per month or portion thereof equivalent to hours worked in a calendar month.

3003.2.3 Regular Employee Sick leave shall be cumulative and shall accumulate without any limitation as to the number of hours or days. Sick leave shall accumulate while the employee is on paid sick leave.

3003.2.4 Regular Employee Unused accumulated sick leave at time of retirement will be converted to additional service credit at the rate of 0.004 years for each day (250 days of sick leave for one additional year of service credit).

3003.2.5 Regular Employees may elect to take vacation time in case of illness when sick leave has been fully exhausted.

3003.2.6 Regular Part-Time Employees and Hourly Employees who work 30 or more days in a year shall earn paid sick leave at the rate of one working day per month or portion thereof equivalent to hours worked in a calendar month.

3003.2.7 Regular Part-Time Employees and Hourly Employees Sick Leave shall be cumulative, and accrual shall be capped at 6 days and use shall be limited to no more than 3 days in a calendar year.

3003.2.8 All employee benefits will continue during sick leave under the same terms and conditions as if the employee were at work provided the employee has time in his/her sick leave bank.

3003.2.9 Unused sick leave is forfeited upon termination of employment for any reason other than retirement.

3003.2.10 If an employee separates from employment and is rehired within one year from the date of separation, previously accrued and unused paid sick days shall be reinstated. The

Delta Mosquito and Vector Control District

— MANUAL of POLICIES —

Employee shall be entitled to use those previously accrued and unused paid sick days and to accrue additional paid sick days upon rehiring.

3003.3 Procedure

3003.3.1 An employee who is ill or injured and unable to report to work must notify his/her supervisor prior to the beginning of his/her work shift, or as soon thereafter as practical. Notice shall be given each day the employee is scheduled to work. Employees using any sick leave may be asked to furnish a doctor's statement to their supervisor. In general, employees must physically work the day prior to and following a holiday or scheduled vacation day in order to be paid for the holiday or vacation day.

3003.3.2 An employee may not draw on future unearned sick leave benefits.

3003.3.3 Employees leaving District employment shall forfeit all unused sick leave benefits without compensation as of the termination date.

3003.3.4 If absence from duty by reason of illness occurs, the General Manager may require satisfactory evidence.

3003.4 Personal Leave

3003.4.1 Sick leave may be used as personal leave with permission of the Manager to be granted for the following reasons:

3003.4.1.1 Hospitalization of a member of the employee's immediate family, or;

3003.4.1.2 Providing care for a member of the employee's immediate family when such member is seriously ill or injured and who requires the care or attendance of the employee.

3003.4.2 Immediate family for the purpose of the above is defined as spouse or domestic partner, parents, children, grandparents, grandchildren, brothers, sisters, guardian, parents-in-law, grandparents-in-law, brother-in-law, and sister-in-law, or dependents.

7. Board Member Comments

8. Future Agenda Items

8. Adjournment