

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

Mir Bear-Johnson
Assistant Manager

Hector Cardenas
Operations Program Manager

www.deltamvcd.org

Crystal Grippin
Scientific Program Manager

Mary Ellen Gomez
Administrative Assistant



Erick Arriaga
Community Education & Outreach Coordinator

Rick Alvarez
Vector Control Supervisor

Paul Harlien
Foreman

DATE: Friday, August 5, 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, Benefit Assessment Public Hearing

TIME: Wednesday, August 10, 2022 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) 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

3. CONSENT CALENDAR

- a) July Minutes
- b) July Bills (Board Orders #2, #3, #4)
- c) August Payroll (Board Order #5)

4. STAFF REPORT

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

ACTION

5. 2022-2023 FISCAL BUDGET AMENDED

The General Manager will present the updated 2022-2023 Fiscal Budget for Board's approval.

ACTION

6. BOARD OF TRUSTEES AND GENERAL MANAGER AWARD OF APPRECIATION

The General Manager will discuss the parameters of a newly established award of appreciation for Board approval.

7. 100-YEAR ANNIVERSARY CELEBRATION UPDATE

The General Manager will present the updates on the 100-year Anniversary Celebration.

ACTION

8. WORK FROM HOME POLICY UPDATE

The General Manager will present an updated Work from Home Policy for Board's approval.

9. BOARD MEMBER COMMENTS

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

10. FUTURE AGENDA ITEMS

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

ACTION

11. ADJOURNMENT

Adjourn meeting of the Board of Trustees to reconvene on Wednesday, September 14, 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. PUBLIC FORUM

3. CONSENT CALENDAR

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Minutes of the Board of Trustees – Wednesday, July 13, 2022, Start: 4:30 p.m.

1. **Roll Call:**

Present: Greg Gomez, President; Belen Gomez, Secretary; Linda Gutierrez, Larry Roberts, and Kevin Caskey.

Absent: Michael Cavanagh, Rosemary Hellwig

Staff: Dr. Mustapha Debboun, General Manager; Mir Bear-Johnson, Assistant Manager

2. **Public Forum:**

None

3. **Consent Calendar:**

Following discussion, it was moved by Kevin Caskey, seconded by Larry Roberts, and unanimously approved to accept the consent calendar as presented.

4. **Staff Report:**

Dr. Debboun gave an overview of the current field and laboratory operations and announced the new date of the District's 100th Anniversary Celebration that will be held on October 8, 2022. In addition, he discussed the current heat wave and the impact it has on increasing the development of mosquitoes, as well as the District's current employee status with COVID-19 and updated COVID-19 protocols.

5. **Enterprise Fleet Management (EFM):**

Dr. Debboun briefly updated and discussed the status of the vehicles expected from EFM.

6. **Disposition of Surplus Vehicle:**

Following discussion, it was moved by Larry Roberts, seconded by Belen Gomez and the Board members unanimously approved sending T-25 to auction.

7. Flat Bed Purchase for A1 Super Duty Applications:

Following discussion, it was moved by Kevin Caskey, seconded by Linda Gutierrez and the Board members unanimously approved the purchase of a truck Flat Bed as presented.

8. District Expansion/Relocation

Following discussion, the board opted not to take action on this item at this time, but instead advised the General Manager to continue to consider more options.

9. Future Agenda Items:

Dr. Debboun brought up the possibility of a staff award from the Board of Trustees and General Manager. Following the agreement of the Board, it will be included in the August agenda as an action item.

10. Board Member Comments:

Dr. Debboun presented the board with one of his morale d'esprit tools card. There were no other comments made.

11. Adjournment:

It was moved by Larry Roberts, seconded by Greg Gomez, and the Board unanimously approved to adjourn the meeting of the DMVCD's Board of Trustees at 5:15 p.m.

Dr. Mustapha Debboun, Recording Secretary

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
36766	DELTA VECTOR CONTROL DIST - EFTPS	Quarterly UI		6,846.41
36767	CalPERS - UAL For PEPRAs Members	Annual Lump Sum Prepayment - PEPRAs		2,126.00
36768	CalPERS - UAL For Classic Members	Annual Lump Sum Prepayment - Classic		185,056.00
		<i>Total Payroll Items</i>		\$194,028.41
36769	ADAPCO	WDG Vectobac	Operational Expense	34,355.44
36770	AMERICAN INCORPORATED	HVAC Servicing	Building/Yard	250.00
36771	AUTOZONE	T1 & T5 Fuel Pump, T20 Clutch set, Flywheel, T-50 Idle air control, Door hinge/spring	Auto Supplies	1,016.52
36772	CITY OF VISALIA	Utilities	Utilities	117.97
36773	FRESNO OXYGEN	Dry Ice Pellets	Lab Supplies	239.89
36774	GIOTTO'S	Annual Monitoring Fee 2022/2023	Maint Contract	648.00
36775	LOWES	Air freshener	21.61 Janitorial Supplies	101.94
		5ft Post	80.33 Building/Yard	
36776	NAVIA	Flexible Benefit Plan Admin Fee	Professional Services	104.00
36777	PACIFIC WEST	Monthly Service Contract (2months)	Maint Contract	500.00
36778	VCJPA			171,371.00
		Workers' Compensation Annual 2022/23	78,712.00 Workers' Comp	
		Property & Liability Annual 2022/23	92,659.00 Liability Insurance	
36779	VALLEY PACIFIC	Fuel	Fuel	7,186.52
		TOTAL BILLS		\$215,891.28
		TOTAL BOARD ORDER #2		\$409,919.69

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
36780	PAUL RAPER	Vector Control Tech II		1,769.40
36781	PAUL RAPER	Vector Control Tech II (Overtime)		120.35
36782	ADRIAN SIFUENTES	Vector Control Tech II		1,867.52
36783	ESMERALDA ANDRADE-BEDOLLA	Vector Control Tech I		876.16
36784	MIGUEL BALLESTEROS	Vector Control Tech II		1,705.49
36785	ZACKERY BARRAGAN	Laboratory Tech I		1,070.54
36786	CHRISTIAN FLORES	Vector Control Tech I		1,163.15
36787	ALEJANDRA GILL	Laboratory Tech I		1,257.83
36788	EDGAR GUZMAN	Project Tech I		673.35
36789	REBECCA HARLIEN	Vector Control Tech I		879.14
36790	BRYCE HARRIS	Laboratory Tech I		354.62
36791	MERRITT HORNING	Vector Control Tech I		1,070.54
36792	ALYSIA INGRIM	Vector Control Tech I		1,211.70
36793	DOLORES MALDONADO	Laboratory Tech I		1,130.37
36794	JAKE MALDONADO	Vector Control Tech I		1,070.54
36795	JUAN PABLO ORTEGA	Laboratory Tech II		1,701.52
36796	BRENDA RODRIGUEZ VIVAR	Laboratory Tech I		1,199.38
36797	CARLOS RODRIGUEZ	Vector Control Tech I		1,137.87
36798	LISA SALGADO	Vector Control Tech I		472.84
36799	RYAN SPRATT	Vector Control Tech I		1,065.98
36800	DAVID TOWNSEND	Vector Control Tech I		1,070.54
36801	KORY WILSON	Vector Control Tech I		1,297.82
36802	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		6,141.00
36803	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		560.20
36804	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		1,727.29
		TOTAL PAYROLL		\$32,595.14
36805	COMCAST BUSINESS	Internet	Telephone/Cellphones	337.36
36806	EPPENDORF	Pipettes	Lab Supplies	386.26
36807	FRESNO OXYGEN	Dry Ice Pellets	Lab Supplies	179.49
36808	GIOTTO'S	Service Call	Maint Contract	51.10
36809	JACOBSEN TRAILERS	Truck body	Auto Supplies	4,789.45
36810	LINXUP	GPS	GPS	859.57
36811	WEST COAST BIO-TECH	Waste Disposal	Lab Supplies	140.00
36812	VALLEY PACIFIC	Fuel	Fuel	5,666.19
		TOTAL BILLS		\$12,409.42
		TOTAL BOARD ORDER #3		\$45,004.56

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
36813	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Health		4,537.07
		TOTAL PAYROLL		\$4,537.07
36814	AT&T	Telephone	Telephone/Cellphones	2.14
36815	CAL WATER	Utilities	Utilities	182.72
36816	CLARKE	Mechanical Aspirator	Lab Supplies	229.25
36817	EMD			6,233.11
		4-Dell laptops	3809.16 Office Supplies	
		Monthly Contract - August	2423.95 Maint Contract	
36818	MISSION LINEN			1,086.83
		Uniforms	838.39 Clothing	
		Janitorial	248.44 Janitorial	
36819	MVCAC	Dues 2022-2023	Dues	10,500.00
36820	NAPA AUTO PARTS			
		T35 Fuel Pump, T4 Running Lights, T15 Battery Temp Sensor	Auto Supplies	278.89
36821	OFFICE DEPOT	Toner	Office Supplies	128.01
36822	SMART & FINAL			164.00
		Yeast, Sugar	137.99 Lab Assessment	
		Breakroom Supplies	26.01 Building/Yard	
36823	SO CAL GAS	Utilities	Utilities	46.99
36824	TF Tire & Service	T4/T5 Front & Rear tires	Auto Supplies	874.67
36825	ULINE	Polypropylene cap, Jug, Ingredient bin, Tote	Lab Supplies	939.13
36826	US BANK			4,605.19
		DreamHost	3.00 Subscriptions	
		Google - Membership	204.00 Subscriptions	
		United Airlines - Dr. Debboun, Crystal Grippin to Honolulu	1209.11 Travel	
		Michaels - Tulle fabric	32.97 Lab Supplies	
		Dicks Sporting Goods - Airhorn	32.52 Safety Supplies	
		US Foods Chefs Store - Container, Sugar, Yeast	282.11 Lab Supplies	
		Amscope.com	778.20 Lab Supplies	
		CA Dept of Pest Regs	220.00 Continuing Ed	
		Costco - Cookies, Fruit bars, Gatorade, Coffee filter, Toilet paper	262.74 Miscellaneous Expense	
		USPS - DPR Cert mailpiece applications	15.75 Office Supplies	
		Amazon - Toner, File folders, Label tape, Sales Order books	916.11 Office Supplies	
		Amazon - T15 Good Year Tires	607.60 Auto Supplies	
		Pita Kabob - Lunch w/Greg	41.08 Travel	
36827	VERIZON	Cellphones	Telephone/CellPhone	1,439.32
		TOTAL BILLS		\$26,710.25
		TOTAL BOARD ORDER #4		\$31,247.32

August Payroll

Board Order No. 5
Consent Calendar Exhibit V

VOUCHER	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
36828	DEBBOUN, MUSTAPHA	MANAGER		9,234.37
36829	BEAR-JOHNSON, MIR	ASSISTANT MANAGER		6,552.31
36830	ALVAREZ, RICK	VECTOR CONTROL SUPERVISOR		5,679.84
36831	ARRIAGA, ERICK	COMMUNITY EDUCATION & OUTREACH COORDINATOR		4,670.90
36832	CARDENAS, HECTOR	OPERATIONS PROGRAM MANAGER		5,863.93
36833	CHAGOLLA, COURTNEY	BIOLOGIST		3,155.01
36893	CHAGOLLA, COURTNEY	BIOLOGIST VACATION PAYOUT		1,094.14
36834	COULTER, KAYLA	ADMINISTRATIVE ANALYST		4,272.17
36835	FERGUSON, BRYAN	VECTOR CONTROL TECHNICIAN III/MECHANIC		4,890.57
36836	FERGUSON, BRYAN	VECTOR CONTROL TECHNICIAN III/MECHANIC (OVERTIME)		140.57
36837	GOMEZ, MARY ELLEN	ADMINISTRATIVE ASSISTANT		4,677.21
36838	GRIPPIN, CRYSTAL	SCIENTIFIC PROGRAM MANAGER		4,464.50
36839	HARLIEN, PAUL	FOREMAN		5,489.39
36840	NAKATA, MARK	BIOLOGIST		5,735.83
36841	RUIZ, BRYAN	VECTOR CONTROL TECHNICIAN III		5,682.18
36842	RUIZ, BRYAN	VECTOR CONTROL TECHNICIAN III (OVERTIME)		491.53
36843	SANCHEZ, MARIO	VECTOR CONTROL TECHNICIAN III/MECHANIC		4,334.85
36844	SANCHEZ, MARIO	VECTOR CONTROL TECHNICIAN III/MECHANIC (OVERTIME)		290.96
36845	TROUPIN, ANDREA	BIOLOGIST		5,347.76
36846	VALDIVIAS, JAVIER	BIOLOGIST		5,441.79
		<i>Sub-Total Full-Time and Trustee Payroll</i>		\$87,509.81
36847	VSP	Vision Plan Premium		570.42
36848	DELTA DENTAL PLAN	Dental Plan Premium		1,617.83
36849	LINCOLN FINANCIAL GROUP	Life/STD & LTD Insurance		1,309.30
36850	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Health Insurance Premium		27,259.56
36851	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax	Employee 71% - District 29%	34,824.34
36852	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax	Employee 100%	5,872.72
36853	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement	Employee 40% - District 60%	21,331.88
36854	DELTA VECT CONT DIST	Flex Benefit Plan	Employee 100%	1,174.96
36855	ICMA RETIREMENT TRUST	Deferred Retirement Trust	Employee 77% - District 23%	3,387.03
		<i>Total for Full-Time Payroll Taxes & Benefits</i>		\$ 184,857.85
36856	PAUL RAPER	Vector Control Tech II		1,776.55
36857	ADRIAN SIFUENTES	Vector Control Tech II		1,709.75
36858	ESMERALDA ANDRADE-BEDOLLA	Vector Control Tech I		1,070.54
36859	MIGUEL BALLESTEROS	Vector Control Tech II		207.35
36860	ZACKERY BARRAGAN	Laboratory Tech I		1,070.54
36861	ALEJANDRA GILL	Laboratory Tech I		1,280.92
36862	ALYSIA INGRIM	Vector Control Tech I		1,104.89
36863	REBECCA HARLIEN	Vector Control Tech I		978.97
36864	BRYCE HARRIS	Laboratory Tech I		876.14
36865	BRENDA RODRIGUEZ VIVAR	Laboratory Tech I		1,227.30
36866	CARLOS RODRIGUEZ	Vector Control Tech I		1,137.87
36867	CHRISTIAN FLORES	Vector Control Tech I		1,182.08
36868	DAVID TOWNSEND	Vector Control Tech I		1,070.54
36869	DOLORES MALDONADO	Laboratory Tech I		1,168.69
36870	JAKE MALDONADO	Vector Control Tech I		1,070.54
36871	JUAN PABLO ORTEGA	Laboratory Tech II		1,708.94
36872	KORY WILSON	Vector Control Tech I		1,177.72

August Payroll

Board Order No. 5
Consent Calendar Exhibit V

36873	MERRITT HORNING	Vector Control Tech I			1,016.21
36874	LISA SALGADO	Vector Control Tech I			1,160.40
36875	RYAN SPRATT	Vector Control Tech I			1,174.14
36876	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax			5,750.48
36877	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax			495.39
36878	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement			1,403.11
				<i>Sub-Total for Payroll Taxes & Benefits</i>	<i>\$30,819.06</i>
				<i>Total Full-Time, Seasonal and Trustee Payroll & Benefits</i>	<i>\$215,676.91</i>
36879	AWARDS & SIGNS UNLIMITED INC.	Name Plate: M.Gomez, K.Coulter, C.Chagolla, Gold Wall Plate: E. Arriaga, R. Alvarez, B. Ruiz		Office Supplies	253.89
36880	CENTRAL VALLEY BUSINESS FORMS	Door Hanger, Business Cards		Office Supplies	244.93
36881	CLARKE	Altosid XR-G Ultra, Natular G30 Granule		Spray Materials	12,497.71
36882	EMD	4-Laptops-Cancelled \$3813.16 (Duplicate Payment- pd in BO #4)		Office Supplies	0.00
36883	EPPENDORF	Tips set		Lab Supplies	328.11
36884	FISHER SCIENTIFIC	Single Tube Rack		Lab Supplies	182.07
36885	FRESNO OXYGEN	Dry Ice Pellets		Lab Supplies	260.06
36886	GRANT'S AC & HEATING INC	Service Call		Building/Yard	90.00
36887	PACIFIC WEST	Monthly Service Contract		Maint Contract	250.00
36889	NAVIA BENEFIT SOLUTIONS	Flexible Benefit Plan Admin Fee		Professional Services	104.00
36890	SMART & FINAL	Sugar		Assessment- Lab	160.94
36891	SO CAL EDISON	Utilities		Utilities	5,057.61
36892	VALLEY PACIFIC	Fuel		Fuel	6,030.83
				<i>Total Bills</i>	<i>\$25,460.15</i>
				<i>Total Board Order #5</i>	<i>\$241,137.06</i>

4. STAFF REPORT

DELTA MOSQUITO & VECTOR CONTROL DISTRICT

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General Manager

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REPORT OF THE MANAGER JULY 2022

I. Water and Weather

The temperature remained high throughout the month of July. The Delta Mosquito and Vector Control District (DMVCD) Weather Station reported an average high temperature of 99.2° with an average low of 68.9°F and 0.00 inches of rainfall as of 6/28/2022. The National Oceanic and Atmospheric Administration 1981-2010 seasonal averages for high and low temperatures in June were 93.8°F and 66.7°F respectively, with average rainfall of 0.00 inches.

Water storage at Pine Flat Reservoir decreased to 216,349 acre-feet by the end of July. By July 31, 2022, Pine Flat Reservoir's inflow had decreased to 408 cubic feet per second (CFS) and its release had decreased to 3,773 CFS. The Lake Kaweah Reservoir had less water than the previous month with 34,324 acre-feet on July 31, 2022. Lake Kaweah's inflow decreased, showing 37 CFS and its release was decreased to 389 CFS.

II. Narrative

In July, there were two personnel changes to the Rural and Urban operations. Lisa Salgado joined the Urban Team on July 18, 2022. She has been assigned to work in zone 14 which is SW Visalia. Due to a vacancy in Rural operations, Carlos Rodriguez has been reassigned from the Urban Team to the Rural Team to monitor Rural Zone 2 which covers the West part of the District.

Urban staff are currently wrapping up the remainder of the neglected fly-over pool list with 436 out of the 493 potential neglected pools having been inspected.

Wide area larviciding (WAL's) continued in July. Staff completed a total of 21 applications for WAL's and treated a total 1,050 acres of residential properties targeting the Yellow Fever mosquito, *Aedes aegypti*.

On July 26, four staff members (Paul Harlien, Bryan Ferguson, Mark Nakata, and Hector Cardenas) took and passed the California Department of Pesticide Regulation aircraft pilot certificate exam to conduct aerial applications in the District.

Field operations received 146 service requests for July. Service requests consist 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 4,064 mosquito inspections throughout the District including rural and urban locations. Staff also conducted 889 larval applications. Storm drain operations continued in July. Operations treated 10,072 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 re-inspection occurs monthly.

The Woodlake aerial application took place on July 5, 2022. The aerial service did have some minor engine trouble in the morning of the application but did manage to complete the application after a short delay. The plane dispensed 120 pounds of Altosid XRG Ultra, covering 12 acres.

Due to the 1999 Chevrolet S10 pickup short bed 2WD vehicle's extreme old age, high mileage and need of extensive repair, it was sent to auction on July 20, 2022 on Govdeals.com which is a liquidity service marketplace. It was at auction from July 20, 2022 to July 29, 2022 till 2:00pm. The vehicle was sold to a local public member from Visalia, CA for \$2,750. The Govdeals received payment from the buyer on August 1, 2022. Once the vehicle is picked up by the buyer, funding will be transferred from Govdeals to the District by check within 21-28 days from pick-up date. In addition, on July 28, 2022, the District received four new Chevrolet Colorado trucks from Enterprise Fleet Management.

Routine mosquito surveillance continued throughout July. A total of 42,075 mosquitoes were collected across 1,342 trap nights. The District-wide average of 31.4 mosquitoes per trap night for July was 18.3% higher than the previous 5-year average of 26.5 and 17.0% higher than the 2021 average of 26.8 mosquitoes per trap night. The top 3 mosquito species caught in July were *Culex quinquefasciatus* at 72.1%, followed by *Aedes aegypti* at 20.7% and *Cx. tarsalis* at 4.0%. Compared to July of 2021, the top three mosquito species were *Cx quinquefasciatus* at 72.7%, followed by *Ae. aegypti* at 13.3% and *Cx. tarsalis* at 5.4%

Mosquito-borne disease testing for West Nile virus (WNV), St. Louis Encephalitis virus (SLEV), and Western Equine Encephalitis virus (WEEV) continued in July. The DMVCD tested 844 mosquito samples and 1 bird carcass collected in July, with 221 mosquito samples and one dead bird positive for WNV. In July 2021, 585 mosquito samples were collected with 23 samples positive for WNV. So far in 2022, a total of 225 mosquito samples, out of 2,103 samples tested, have tested positive for WNV. At this time last year, only 46 mosquito samples out of 1,048 mosquito samples collected, had tested positive for WNV.

There were 12 technician and homeowner mosquitofish requests in July to distribute a total of 389 mosquitofish. In July 2021, there were 32 technician and homeowner mosquitofish requests and distributed a total of 688 mosquitofish. A total of 500 mosquitofish fry were produced in July 2022. In July 2021, 1,223 fry were produced. Routine fish hatchery maintenance took place weekly during July 2022.

A total of 44 mosquito larvae samples were brought to the laboratory for processing. Susceptible *Cx. quinquefasciatus*, *Cx. tarsalis*, and *Ae. aegypti* colonies were maintained for insecticide resistance testing.

In July 2022, DMVCD attended 6 outreach events in Visalia and Dinuba, averaging about 10-15 residents who were educated on mosquito prevention. As we continue to have more presence in the District, residents are engaging and learning more about DMVCD and its services. During the events, we have been approached by some residents who either live in Three Rivers, Lindsay or Porterville and are disappointed to learn that their communities do not have a mosquito District serving them.

We have implemented a new design to our public notification via email that is modern and easy to read.

The current version of the 100-year invitation has been formatted to be printed in the next issue of the Good Life Newspaper. See below.

PLEASE JOIN US FOR

Delta Mosquito and Vector Control District's

100th Anniversary Celebration

Saturday October 8, 2022
 10am - 2pm
 1737 W Houston Ave
 Visalia CA, 93291

With special guests,
 food, music, and
 giveaways
 For more details, visit
DeltaMVCD.org

Join us on Saturday, October 8, 2022 for an Open House in celebration of the District's 100th Anniversary. All are welcome to attend this momental milestone to explore the District's headquarters, laboratory, fish hatchery, equipment, and enjoy food, music, and giveaways.



   @DeltaMVCD - 559-737-8606 - DeltaMVCD.org



There were 149 service requests in July:

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
Total	57	78	147	126	1	409

III. Vector and Disease Surveillance

Delta MVCD Summaries

Humans: There were no human cases of an arbovirus reported by the local public health department for July 2022.

Birds: One dead bird tested positive for WNV in July. So far, in 2022, 1 dead bird has tested positive out of 7 dead birds tested.

Mosquitoes: In July 2022, 195 mosquito samples were positive for WNV out of 844 samples tested. So far in 2022, a total of 2,103 mosquito samples have been tested with 225 samples positive for WNV.

State Surveillance:

Humans: Seven human cases from 4 counties have tested positive for WNV in 2022.

Birds: 49 dead birds have tested positive for WNV. So far, 745 dead birds have been tested in 2022.

Mosquitoes: 702 mosquito samples have tested positive for WNV. So far, 17,315 mosquito samples have been tested in 2022.

IV. Expenditures & Revenues – 2022/23

TOTAL BUDGET \$4,833,308.73

EXPENDITURES – July 1, 2022 – July 31, 2022

Salaries	\$525,612.73
Services & Supplies	\$187,890.49
Tax Admin Fee	\$0.00
Capital	\$0.00
Long Term Debt	\$0.00

TOTAL EXPENDITURES	\$713,503.22
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REVENUE RECEIVED – July 1, 2022 – July 31, 2022

July	\$1,120.28
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	5859.5	99.65

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.

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022



WEEKLY UPDATE

Humans

West Nile virus

A total of 2 human cases of West Nile virus (WNV) illness were reported this week from Stanislaus County. In 2022, a total of 7 WNV human cases have been reported from 4 counties. Of the 7 cases, 5 (71%) had neuroinvasive illness. The median age of case patients was 56 years and 4 (57%) of the case patients were male. The dates of symptom onset ranged from May 8 to June 29. In addition to the 7 WNV cases, 2 asymptomatic WNV-positive blood donors have been reported from 2 counties: Fresno (1), and Kern (1). At this time last year, 4 WNV cases had been reported from 4 counties.

St. Louis encephalitis virus

A new human case (1) of St. Louis encephalitis virus (SLEV) was reported this week from Tulare County. **This is the first SLEV human case from Tulare County this year.** In 2022, 2 SLEV human cases have been reported from 2 counties: Stanislaus (1), and Tulare (1). At this time last year, 0 SLEV cases had been reported.

Dead Birds

A total of 13 WNV positive dead birds were reported this week from 7 counties: Butte (1), Los Angeles (3), Sacramento (4), Santa Clara (2), Solano (1), Sutter (1), and Tulare (1). **These are the first positive dead birds from Butte and Tulare counties this year.** In 2022, 49 WNV positive dead birds have been reported from 12 counties. At this time last year, 94 WNV positive dead birds had been reported from 9 counties.

Mosquito Pools

West Nile virus

A total of 222 WNV positive mosquito pools were reported this week from 19 counties: Butte (4), Contra Costa (1), Fresno (27), Kern (6), Los Angeles (14), Madera (3), Orange (3), Placer (5), Riverside (5), Sacramento (2), San Bernardino (4), San Joaquin (8), Santa Clara (1), Shasta (3), Stanislaus (1), Sutter (5), Tulare (123), Yolo (4), and Yuba (3) counties. **This is the first detection of a WNV positive mosquito pool from Contra Costa County this year.** In 2022, 702 WNV positive mosquito pools have been reported from 22 counties. At this time last year, 563 WNV positive mosquito pools had been reported from 20 counties.

St. Louis encephalitis virus

A total of 2 SLEV positive mosquito pools were reported this week from Riverside County. In 2022, 9 positive mosquito pools from Imperial (2), Kings (2), Riverside (4), and Tulare (1) counties have been reported. At this time last year, 3 SLEV positive mosquito pools had been reported from 1 county.

Sentinel Chickens

No new positives were reported this week. In 2022, 2 WNV positive chickens have been reported from 2 counties. At this time last year, 10 WNV positive chickens had been reported from 3 counties.

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022

2021 & 2022 YTD West Nile Virus Comparisons		
	2021	2022
Total No. Dead Bird Reports	3,414	2,906
No. Positive Counties	22	23
No. Human Cases	4	7
No. Positive Dead Birds / No. Tested	94 / 1,032	49 / 745
No. Positive Mosquito Pools / No. Tested	563 / 18,071	702 / 17,315
No. Seroconversions / No. Tested	10 / 3,093	2 / 2,523

YTD WNV Activity by Element and County, 2022					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Butte			1	6	
Contra Costa			1	1	
Fresno			2	139	
Kern	2	2		40	
Kings	1			30	
Los Angeles			12	57	
Madera				6	
Merced			1	1	1
Nevada			1		
Orange				14	
Placer				20	
Riverside				42	
Sacramento			19	8	
San Bernardino				17	
San Joaquin				53	
Santa Clara			4	9	
Shasta				9	
Solano			3	6	
Stanislaus	3			2	
Sutter			2	16	
Tulare			1	214	
Yolo	1		2	8	
Yuba				4	1
Totals	7	2	49	702	2

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022

TESTING SUMMARIES

		WNV	SLEV	WEEV
Human Cases	Week	2	1	0
	YTD	7	2	0

Positive / Total Tested					
WNV	SLEV	WEEV	CHIK	DENV	ZIKA

Dead Birds	Week	13 / 28
	YTD	49 / 745

Chicken Sera	Week	0 / 174	0 / 174	0 / 174
	YTD	2 / 2,523	0 / 2,523	0 / 2,523

Mosquito Pools	Week	222 / 1,700	2 / 1457	0 / 1455	0 / 0	0 / 0	0 / 0
	YTD	702 / 17,315	9 / 16,582	0 / 16,543	0 / 280	0 / 280	0 / 280

POSITIVES

Dead Birds

County	Agency	City	Zip Code	Species	Date Reported	Virus
Butte	Butte Co MVCD	Palermo	95968	Sparrow	7/19/2022	WNV
Los Angeles	Greater Los Angeles Co VCD - Sylmar	Los Angeles	91401	Cooper's Hawk	7/18/2022	WNV
Los Angeles	Greater Los Angeles Co VCD - Sylmar	Los Angeles	91423	Crow or Raven	7/18/2022	WNV
Los Angeles	San Gabriel Valley MVCD	South Pasadena	91030	American Crow	7/21/2022	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	Yellow-billed Magpie	7/26/2022	WNV
Sacramento	Sacramento-Yolo MVCD	Citrus Heights	95610	California Scrub-Jay	7/19/2022	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95821	White-breasted Nuthatch	7/25/2022	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95864	American Crow	7/21/2022	WNV
Santa Clara	Santa Clara Co VCD	Palo Alto	94303	American Goldfinch	7/20/2022	WNV
Santa Clara	Santa Clara Co VCD	Sunnyvale	94087	House Sparrow	7/20/2022	WNV
Solano	Solano Co MAD	Vacaville	95688	California Scrub-Jay	7/22/2022	WNV
Sutter	Sutter-Yuba MVCD	Pleasant Grove	95668	California Scrub-Jay	7/26/2022	WNV
Tulare	Delta MVCD	Visalia	93291	California Scrub-Jay	7/24/2022	WNV

Mosquito Pools

County	Site Code	Pool #	Species	City	# in Pool	Trap Type	Collected	Virus
Butte	BUCO 12	239	Culex tarsalis	Gridley	50	CO2	7/19/2022	WNV
Butte	BUCO 124	240	Culex tarsalis	Chico	50	CO2	7/18/2022	WNV
Butte	BUCO 49	251	Culex tarsalis	Biggs	50	CO2	7/20/2022	WNV
Butte	BUCO 9	244	Culex tarsalis	Chico	50	CO2	7/18/2022	WNV
Contra Costa	CNTR 7402	596	Culex tarsalis	Oakley	10	CO2	7/26/2022	WNV
Fresno	CNSL 2003	79	Culex quinquefasciatus	Sanger	50	GRVD	7/21/2022	WNV
Fresno	CNSL 2297	571	Culex quinquefasciatus	Sanger	50	GRVD	7/19/2022	WNV

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022

Fresno	CNSL 2516	78	Culex quinquefasciatus	Sanger	34	GRVD	7/19/2022	WNV
Fresno	CNSL 3202	581	Culex quinquefasciatus	Reedley	50	GRVD	7/22/2022	WNV
Fresno	CNSL 3429	579	Culex quinquefasciatus	Parlier	26	GRVD	7/21/2022	WNV
Fresno	CNSL 4232	80	Culex quinquefasciatus	Selma	50	GRVD	7/21/2022	WNV
Fresno	CNSL 8032	578	Culex quinquefasciatus	Fresno	50	GRVD	7/21/2022	WNV
Fresno	CNSL 8042	560	Culex quinquefasciatus	Fresno	50	GRVD	7/19/2022	WNV
Fresno	CNSL 8050	81	Culex quinquefasciatus	Fresno	24	GRVD	7/22/2022	WNV
Fresno	CNSL 8178	82	Culex quinquefasciatus	Clovis	50	GRVD	7/22/2022	WNV
Fresno	FRNO 10	574	Culex quinquefasciatus	Fresno	26	GRVD	7/27/2022	WNV
Fresno	FRNO 10	585	Culex tarsalis	Fresno	50	CO2	7/27/2022	WNV
Fresno	FRNO 116	564	Culex quinquefasciatus	Fresno	45	GRVD	7/27/2022	WNV
Fresno	FRNO 122	553	Culex quinquefasciatus	Fresno	10	GRVD	7/21/2022	WNV
Fresno	FRNO 15	575	Culex quinquefasciatus	Fresno	8	GRVD	7/27/2022	WNV
Fresno	FRNO 178	561	Culex quinquefasciatus	Fresno	44	GRVD	7/21/2022	WNV
Fresno	FRNO 197	587	Culex tarsalis	Fresno	50	CO2	7/27/2022	WNV
Fresno	FRNO 219	576	Culex quinquefasciatus	Fresno	50	GRVD	7/27/2022	WNV
Fresno	FRNO 254	581	Culex quinquefasciatus	Fresno	35	GRVD	7/27/2022	WNV
Fresno	FRNO 259	554	Culex quinquefasciatus	Fresno	25	GRVD	7/21/2022	WNV
Fresno	FRNO 28	558	Culex quinquefasciatus	Fresno	9	GRVD	7/21/2022	WNV
Fresno	FRNO 35	560	Culex quinquefasciatus	Fresno	50	GRVD	7/21/2022	WNV
Fresno	FRNO 36	567	Culex quinquefasciatus	Fresno	50	GRVD	7/27/2022	WNV
Fresno	FRNO 64	555	Culex quinquefasciatus	Fresno	50	GRVD	7/21/2022	WNV
Fresno	FRNO 81	565	Culex quinquefasciatus	Fresno	50	GRVD	7/27/2022	WNV
Fresno	FRWS 4102	200	Culex tarsalis	Kerman	50	CO2	7/26/2022	WNV
Fresno	FRWS 4102	201	Culex tarsalis	Kerman	25	CO2	7/26/2022	WNV
Kern	DLNO 161	98	Culex quinquefasciatus	Delano	50	GRVD	7/22/2022	WNV
Kern	KERN 111	363	Culex tarsalis	Arvin	40	CO2	7/12/2022	WNV
Kern	KERN 1137	364	Culex quinquefasciatus	Bakersfield	30	CO2	7/13/2022	WNV
Kern	KERN 121	365	Culex quinquefasciatus	Bakersfield	26	GRVD	7/13/2022	WNV
Kern	KERN 2040	359	Culex quinquefasciatus	Arvin	46	GRVD	7/12/2022	WNV
Kern	KERN 52	369	Culex quinquefasciatus	Bakersfield	25	GRVD	7/15/2022	WNV
Los Angeles	GRLA 2521	5588	Culex quinquefasciatus	Los Feliz	23	GRVD	7/15/2022	WNV
Los Angeles	GRLA 2592	5593	Culex quinquefasciatus	San Marino	50	GRVD	7/20/2022	WNV
Los Angeles	GRLA 2669	5617	Culex quinquefasciatus	Granada Hills	40	GRVD	7/22/2022	WNV
Los Angeles	GRLA 3046	548	Culex quinquefasciatus	Bellflower	50	GRVD	7/22/2022	WNV
Los Angeles	GRLA 3089	5597	Culex quinquefasciatus	Glendale	50	GRVD	7/20/2022	WNV
Los Angeles	SGVA 1071	683	Culex quinquefasciatus	Monterey Park	50	GRVD	7/26/2022	WNV
Los Angeles	SGVA 1074	687	Culex quinquefasciatus	Temple City	50	GRVD	7/26/2022	WNV
Los Angeles	SGVA 297	684	Culex quinquefasciatus	Monterey Park	50	GRVD	7/26/2022	WNV
Los Angeles	SGVA 396	685	Culex quinquefasciatus	Pasadena	50	GRVD	7/26/2022	WNV
Los Angeles	SGVA 474	688	Culex quinquefasciatus	San Gabriel	50	GRVD	7/26/2022	WNV
Los Angeles	SGVA 688	681	Culex quinquefasciatus	Alhambra	50	GRVD	7/26/2022	WNV
Los Angeles	SGVA 704	680	Culex quinquefasciatus	Sierra Madre	18	GRVD	7/26/2022	WNV
Los Angeles	SGVA 898	679	Culex quinquefasciatus	San Gabriel	50	GRVD	7/26/2022	WNV
Los Angeles	SGVA 961	682	Culex quinquefasciatus	Alhambra	50	GRVD	7/26/2022	WNV
Madera	MADR 227	318	Culex tarsalis	Madera	50	CO2	7/20/2022	WNV
Madera	MADR 299	309	Culex quinquefasciatus	Chowchilla	50	CO2	7/19/2022	WNV
Madera	MADR 688	354	Culex tarsalis	Madera	50	CO2	7/22/2022	WNV
Orange	ORCO 1011	2263	Culex quinquefasciatus	La Habra	33	GRVD	7/21/2022	WNV
Orange	ORCO 1011	2361	Culex quinquefasciatus	La Habra	42	GRVD	7/27/2022	WNV
Orange	ORCO 227	2360	Culex quinquefasciatus	Brea	28	GRVD	7/27/2022	WNV
Placer	PLCR 1114	1019	Culex tarsalis	Lincoln	50	CO2	7/26/2022	WNV
Placer	PLCR 1114	1020	Culex tarsalis	Lincoln	23	CO2	7/26/2022	WNV
Placer	PLCR 139	1056	Culex tarsalis	Roseville	50	CO2	7/26/2022	WNV
Placer	PLCR 191218	1011	Culex tarsalis	Roseville	26	CO2	7/26/2022	WNV
Placer	PLCR 993822	1041	Culex tarsalis	Roseville	17	CO2	7/26/2022	WNV
Riverside	COAV 0	4030	Culex tarsalis	Indio	50	CO2	7/28/2022	WNV
Riverside	COAV 0	4111	Culex tarsalis	Indio	46	CO2	7/28/2022	WNV
Riverside	COAV 0	4127	Culex tarsalis	Indio	50	CO2	7/28/2022	WNV
Riverside	COAV 55	3955	Culex tarsalis	Mecca	50	CO2	7/26/2022	WNV
Riverside	COAV 55	3957	Culex tarsalis	Mecca	29	CO2	7/26/2022	WNV
Riverside	COAV 58	3765	Culex tarsalis	North Shore	50	CO2	7/26/2022	SLEV
Riverside	COAV 58	4106	Culex tarsalis	North Shore	50	CO2	7/28/2022	SLEV
Sacramento	SAYO 213055	2720	Culex tarsalis	Sacramento	5	CO2	7/22/2022	WNV
Sacramento	SAYO 214013	2704	Culex tarsalis	Carmichael	6	CO2	7/22/2022	WNV
San Bernardino	WVAL 4721	1053	Culex quinquefasciatus	Chino	24	BGSENT	7/28/2022	WNV
San Bernardino	WVAL 5005	1043	Culex quinquefasciatus	Rancho Cucamonga	20	GRVD	7/27/2022	WNV
San Bernardino	WVAL 6015	1022	Culex quinquefasciatus	Ontario	38	GRVD	7/26/2022	WNV
San Bernardino	WVAL 9007	1016	Culex quinquefasciatus	Upland	17	GRVD	7/26/2022	WNV

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022

San Joaquin	SJCM 8011	1191	Culex tarsalis	Ripon	10	CO2	7/26/2022	WNV
San Joaquin	SJCM 8011	1192	Culex pipiens	Ripon	36	CO2	7/26/2022	WNV
San Joaquin	SJCM 8018	1184	Culex tarsalis	Stockton	100	CO2	7/26/2022	WNV
San Joaquin	SJCM 8018	1186	Culex tarsalis	Stockton	100	CO2	7/26/2022	WNV
San Joaquin	SJCM 8018	1190	Culex pipiens	Stockton	16	CO2	7/26/2022	WNV
San Joaquin	SJCM 8111	1157	Culex tarsalis	Stockton	50	CO2	7/26/2022	WNV
San Joaquin	SJCM 8205	1222	Culex pipiens	Farmington	33	CO2	7/28/2022	WNV
San Joaquin	SJCM 8206	1144	Culex tarsalis	Lodi	43	CO2	7/26/2022	WNV
Santa Clara	STCL 31726	2136	Culex pipiens	Sunnyvale	1	CO2	7/21/2022	WNV
Shasta	SHAS 20040	254	Culex tarsalis	Redding	50	CO2	7/26/2022	WNV
Shasta	SHAS 20040	255	Culex tarsalis	Redding	37	CO2	7/26/2022	WNV
Shasta	SHAS 247	259	Culex tarsalis	Redding	16	CO2	7/26/2022	WNV
Stanislaus	TRLK 1107	349	Culex pipiens	Denair	31	CO2	7/26/2022	WNV
Sutter	SUYA 24	305	Culex tarsalis	Yuba City	39	REST	7/25/2022	WNV
Sutter	SUYA 31	308	Culex tarsalis	Rio Oso	50	REST	7/26/2022	WNV
Sutter	SUYA 44	296	Culex tarsalis	Pleasant Grove	40	CO2	7/27/2022	WNV
Sutter	SUYA 5	310	Culex tarsalis	Live Oak	23	CO2	7/27/2022	WNV
Sutter	SUYA 63	303	Culex tarsalis	Live Oak	40	REST	7/25/2022	WNV
Tulare	DLTA 162326	1665	Culex tarsalis	Dinuba	15	BGSENT	7/13/2022	WNV
Tulare	DLTA 162326	1667	Culex quinquefasciatus	Dinuba	50	BGSENT	7/13/2022	WNV
Tulare	DLTA 184191	1785	Culex quinquefasciatus	Visalia	17	BGSENT	7/19/2022	WNV
Tulare	DLTA 6407	1670	Culex quinquefasciatus	Dinuba	21	BGSENT	7/13/2022	WNV
Tulare	DLTA 6408	1658	Culex quinquefasciatus	Dinuba	30	BGSENT	7/13/2022	WNV
Tulare	DLTA 64163	1694	Culex quinquefasciatus	Dinuba	11	BGSENT	7/14/2022	WNV
Tulare	DLTA 64163	1929	Culex quinquefasciatus	Dinuba	10	GRVD	7/21/2022	WNV
Tulare	DLTA 6417	1642	Culex quinquefasciatus	Dinuba	11	GRVD	7/13/2022	WNV
Tulare	DLTA 6417	1784	Culex quinquefasciatus	Dinuba	38	GRVD	7/19/2022	WNV
Tulare	DLTA 6420	1738	Culex quinquefasciatus	Dinuba	45	BGSENT	7/15/2022	WNV
Tulare	DLTA 65312	1762	Culex quinquefasciatus	Cutler	50	CO2	7/19/2022	WNV
Tulare	DLTA 65323	1753	Culex stigmatosoma	Yetterm	26	CO2	7/19/2022	WNV
Tulare	DLTA 65323	1754	Culex quinquefasciatus	Yetterm	41	CO2	7/19/2022	WNV
Tulare	DLTA 653232	1765	Culex stigmatosoma	Yetterm	10	CO2	7/19/2022	WNV
Tulare	DLTA 7502	1569	Culex quinquefasciatus	Seville	14	BGSENT	7/13/2022	WNV
Tulare	DLTA 752842	1597	Culex quinquefasciatus	Ivanhoe	50	CO2	7/13/2022	WNV
Tulare	DLTA 752842	1598	Culex quinquefasciatus	Ivanhoe	50	CO2	7/13/2022	WNV
Tulare	DLTA 752842	1602	Culex quinquefasciatus	Ivanhoe	50	CO2	7/13/2022	WNV
Tulare	DLTA 752842	1607	Culex quinquefasciatus	Ivanhoe	50	CO2	7/13/2022	WNV
Tulare	DLTA 752842	1631	Culex quinquefasciatus	Ivanhoe	50	CO2	7/13/2022	WNV
Tulare	DLTA 752842	1639	Culex quinquefasciatus	Ivanhoe	50	CO2	7/13/2022	WNV
Tulare	DLTA 8413	1587	Culex quinquefasciatus	Visalia	50	BGSENT	7/13/2022	WNV
Tulare	DLTA 8413	1650	Culex quinquefasciatus	Visalia	50	BGSENT	7/13/2022	WNV
Tulare	DLTA 8413	1651	Culex quinquefasciatus	Visalia	50	BGSENT	7/13/2022	WNV
Tulare	DLTA 841324	1829	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841324	1830	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841324	1836	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 8414	1748	Culex quinquefasciatus	Visalia	47	BGSENT	7/15/2022	WNV
Tulare	DLTA 841423	1803	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841423	1804	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841423	1807	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1839	Culex tarsalis	Visalia	49	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1840	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1841	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1842	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1843	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1844	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1845	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1846	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1847	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1848	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1849	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1850	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1851	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1852	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1853	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1854	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1855	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1856	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1857	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1858	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022

Tulare	DLTA 841431	1859	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1860	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1861	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1862	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1863	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1864	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1865	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1866	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1867	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1868	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1869	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1870	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1871	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1872	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1873	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1874	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1875	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1876	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1877	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1878	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1879	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1880	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1881	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1882	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1883	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1884	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1885	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1886	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1887	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1888	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1889	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1890	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1891	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1892	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1893	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1894	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1895	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1896	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1897	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1898	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1899	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1900	Culex quinquefasciatus	Visalia	50	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1901	Culex quinquefasciatus	Visalia	45	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1902	Culex tarsalis	Visalia	10	CO2	7/20/2022	WNV
Tulare	DLTA 841431	1903	Culex quinquefasciatus	Visalia	10	CO2	7/20/2022	WNV
Tulare	DLTA 84221	1773	Culex quinquefasciatus	Visalia	50	BGSENT	7/19/2022	WNV
Tulare	DLTA 84221	1774	Culex quinquefasciatus	Visalia	50	BGSENT	7/19/2022	WNV
Tulare	DLTA 84221	1775	Culex quinquefasciatus	Visalia	18	BGSENT	7/19/2022	WNV
Tulare	DLTA 8423	1661	Culex quinquefasciatus	Visalia	50	BGSENT	7/13/2022	WNV
Tulare	DLTA 8423	1663	Culex quinquefasciatus	Visalia	50	BGSENT	7/13/2022	WNV
Tulare	DLTA 8423	1704	Culex quinquefasciatus	Visalia	26	GRVD	7/14/2022	WNV
Tulare	DLTA 84242	1818	Culex quinquefasciatus	Visalia	20	BGSENT	7/20/2022	WNV
Tulare	DLTA 8425	1716	Culex quinquefasciatus	Visalia	25	BGSENT	7/14/2022	WNV
Tulare	DLTA 8508	1698	Culex quinquefasciatus	Visalia	50	BGSENT	7/14/2022	WNV
Tulare	DLTA 85192	1911	Culex quinquefasciatus	Visalia	11	GRVD	7/20/2022	WNV
Tulare	DLTA 8520	1733	Culex quinquefasciatus	Visalia	13	GRVD	7/15/2022	WNV
Tulare	DLTA 8521	1777	Culex quinquefasciatus	Visalia	27	BGSENT	7/19/2022	WNV
Tulare	DLTA 8527	1719	Culex quinquefasciatus	Visalia	10	BGSENT	7/14/2022	WNV
Tulare	DLTA 8527	1816	Culex quinquefasciatus	Visalia	21	GRVD	7/20/2022	WNV
Tulare	DLTA 85293	1727	Culex quinquefasciatus	Visalia	18	BGSENT	7/14/2022	WNV
Tulare	DLTA 8533	1910	Culex quinquefasciatus	Visalia	13	GRVD	7/20/2022	WNV
Tulare	DLTA 8631	1928	Culex quinquefasciatus	Farmersville	17	GRVD	7/21/2022	WNV
Tulare	DLTA 94122	1646	Culex quinquefasciatus	Visalia	18	GRVD	7/13/2022	WNV
Tulare	DLTA 9504	1655	Culex quinquefasciatus	Visalia	28	BGSENT	7/13/2022	WNV
Tulare	DLTA 9504	1781	Culex quinquefasciatus	Visalia	21	GRVD	7/19/2022	WNV
Tulare	DLTA 9505	1736	Culex quinquefasciatus	Visalia	12	BGSENT	7/15/2022	WNV
Tulare	DLTA 9604	1750	Culex quinquefasciatus	Exeter	10	BGSENT	7/15/2022	WNV
Tulare	DLTA 9607	1783	Culex quinquefasciatus	Farmersville	18	BGSENT	7/19/2022	WNV
Tulare	TLRE 192517	31	Culex quinquefasciatus	Trulare	42	GRVD	7/26/2022	WNV

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022

Tulare	TLRE 202412	28	Culex quinquefasciatus	Tulare	48	GRVD	7/15/2022	WNV
Tulare	TLRE 202413	27	Culex quinquefasciatus	Tulare	47	GRVD	7/15/2022	WNV
Tulare	TLRE 202518	26	Culex quinquefasciatus	Tulare	50	GRVD	7/13/2022	WNV
Yolo	SAYO 114001	2855	Culex tarsalis	Zamora	30	CO2	7/26/2022	WNV
Yolo	SAYO 115008	2845	Culex tarsalis	Woodland	50	CO2	7/26/2022	WNV
Yolo	SAYO 125004	2722	Culex tarsalis	Woodland	7	CO2	7/22/2022	WNV
Yolo	SAYO 125004	2723	Culex pipiens	Woodland	4	GRVD	7/22/2022	WNV
Yuba	SUYA 37	290	Culex tarsalis	Marysville	50	CO2	7/26/2022	WNV
Yuba	SUYA 37	292	Culex tarsalis	Marysville	50	CO2	7/26/2022	WNV
Yuba	SUYA 39	284	Culex tarsalis	Marysville	33	CO2	7/26/2022	WNV

California Arbovirus Surveillance Bulletin #17

Week 30 Friday, July 29, 2022

TEST PROTOCOLS

Humans:

Specimens are tested by local laboratories with an IgM or IgG immunofluorescent assay (IFA) and/or an IgM enzyme immunoassay (EIA). Specimens with inconclusive results are forwarded to the California Department of Public Health Viral and Rickettsial Disease Laboratory (VRDL) for further testing with a plaque reduction neutralization test (PRNT).

Dead Birds

Oral swab samples collected from bird carcasses are tested at the UC Davis Arbovirus Research and Training laboratory (DART) or at a local agency for West Nile virus by RT-qPCR.

Sentinel Chickens:

Dried blood spot samples from sentinel chickens are tested at the California Department of Public Health Vector-Borne Disease Laboratory for IgG antibodies to West Nile, St. Louis encephalitis, and western equine encephalomyelitis viruses by an EIA. Positive samples are confirmed by IFA, western-blot, or PRNT.

Mosquito Pools:

Mosquito pools are tested at DART or at a local agency for West Nile, western equine encephalomyelitis, and St. Louis encephalitis viral RNA using a multiplex RT-qPCR. Invasive *Aedes* mosquitoes (*Ae. aegypti* and *Ae. albopictus*) are also tested at DART for chikungunya, dengue, and Zika viral RNA by a separate RT-qPCR.

Website Information: For updated information on WNV in California, please visit the California WNV website, <https://westnile.ca.gov>, or the California Vector-Borne Disease Surveillance System website, <https://maps.vectorsurv.org>.

Prepared by the Vector-Borne Disease Section (Infectious Diseases Branch), California Department of Public Health, 850 Marina Bay Parkway, Richmond, CA 94804. Questions concerning this bulletin should be addressed to Hannah Romo: Hannah.romo@cdph.ca.gov

5. 2022-2023 FISCAL BUDGET AMENDED

2022/2023 BUDGET SUMMARY

The Budget Summary explains in detail the budgeted line items for fiscal year 2022/2023. Action will be taken at the August Board meeting to amend this Budget in accordance with the County Auditor's Final Report.

Wages

The Consumer Price Index, West Region data report for April reflected a 9.3% increase for Urban Wage Earners and Clerical Workers over the last 12 months (See: Consumer Price Index, Page 10). The Budget has an 8% COLA increase for all full-time employees. (See: Salary Schedule, Page 11). By using the April data of the West Region Report, we will be using the same data as Tulare Mosquito Abatement District and Kings Mosquito Abatement District. The data will be more in line with the area and will keep staff near the top of the compensation schedule in all positions for the region. Vector Control Technician I and Laboratory Technician I will receive different pay rates starting in 2023. Both will still start with \$16.00/hour with Certified Tech I's starting at \$17.60/hour for the remainder of the 2022 season. The Laboratory Tech I's will continue with this pay scale into 2023. However, in 2023, Vector Control Technician I's will start at \$17.00/hour and Certified Vector Control Technician I's will start with \$18.60/hour. Additionally, with staff now having a better handle on the needs of the *Aedes* inspection crew, we will be creating a new job description in 2023 and a new Tech I category, currently labeled High Trap Count Tech I. They will start at \$18.00/hour and a Certified High Trap Count Technician I's will start with \$19.60/hour.

Staffing: The Vector Control Technician I position will have 10 positions filled. The Laboratory Technician I position will have 6 positions filled. The Vector Control Technician II position will have 3 positions filled, and the Laboratory Technician II position will have 1 position filled. This gives a total of 20 seasonal employees. The Vector Control Technician III/Mechanic position will have 2 positions filled. The Vector Control Technician III will have 1 position filled. The Biologist position will have 4 positions filled. The Community Education and Outreach Coordinator will have 1 position filled. All 8 remaining full-time positions will have one incumbent for a total of 16 full-time employees (See: Chain of Command, Page 12).

Overtime: Overtime will increase three-fold to \$15,000.00 in anticipation of Wide Area Larviciding Systems (WALS) treatments requiring increased application time. As this is the first year with an anticipated WALS program, the number may need to be adjusted.

Budgeted Wages will increase by 12.94%, \$235,405.45; \$2,054,232.67 in 2022/23.

Benefits

Social Security will increase by 12.41% \$17,270.29; \$156,410.57.

Other Post-Employment Benefits (OPEB) Trust Fund will not have a contribution to the fund in 2022/23.

CalPERS retirement premium will decrease by 2.82%, \$4,075.03; \$140,250.93 (14.54% Classic and 7.59% PEPRA of covered payroll).

CalPERS Unfunded Accrued Liability (UAL) will increase by 16.98%, \$27,165.00; \$187,182.00. Adjusted due to finalized numbers being released.

California Employers' Pension Prefunding Trust (CEPPT) Trust Fund will not have a contribution to the fund budgeted specifically, but extra monies may be contributed to the fund in 2022/23.

ICMA will be set at \$15,000.00 to better cover the amount approved by the General Manager's Contract.

Workers Compensation will decrease by 6.21%, \$5,239.00; \$79,144.

Unemployment will decrease by 7.83%, \$1,530.00; \$18,000.00.

LTD/STD/DENT/VSP/LTC premiums are collectively budgeted for a 10% increase effective January 2023 through December 2023; District budgeted expenses will increase by 12.65%, \$4,912.46; \$43,747.73.

Health Insurance premiums are budgeted for a 10% increase effective January 2023 through December 2023 at the PERS Choice funding level. This is a best guess. District budgeted expenses will increase by 6.00%, \$15,785.65; \$278,828.33.

Benefits will increase by 18.59%, \$160,813.73; \$1,025,873.57 in 2022/23.

Services/Supplies

The services and supplies requiring funding increase/decrease for the 2022/23 fiscal year:

Chemicals will not change.

Clothing will not change.

Laboratory Supplies will decrease by 2.53%, \$2,500.00; \$96,500.00 keeping with normal expenditure levels. (See: Laboratory Expenses, Page 14).

Fish Supplies will not change. (See: Fish Supplies, Page 15).

Operational Supplies will increase 20.00%, \$500.00; \$3,000.00 to better reflect actual expenditure levels.

Janitorial Supplies will increase 7.69%, \$250.00; \$3,500.00 keeping with normal expenditure levels.

Maintenance Contract will increase by 99.64%, \$27,700.00; \$55,500.00 due to items being moved from *Building and Yard* that were better categorized as *Maintenance Contract* and anticipated cost of renewed contracts. (See: *Maintenance Contract*, Page 16).

Building & Yard will decrease by 63.64%, \$35,000.00; \$20,000.00 due to items being moved from *Building and Yard* to *Maintenance Contract* to be more correctly categorized.

Auto Supply/Maintenance will increase by 25%, \$5,000.00; \$25,000.00 keeping with normal expenditure levels.

Gasoline will increase by 20.97%, \$13,000.00; \$75,000.00 due to increased fuel prices.

Utilities will increase by 24.69%, \$7,900; \$39,900.00 due to better understanding of new fish hatchery energy consumption.

GPS will increase by 35.10%, \$2,780.00; \$10,700.00 due to increased number of vehicles requiring GPS units.

Telephone and Internet will increase by 20.65%, \$3,975.00; \$23,225.00 in keeping with normal expenditure levels and necessary mobile phone upgrades.

Liability will increase by 20.90%, \$16,279.00; \$94,178.00 as given by VCJPA. This is in part due to a rate increase driven by the insurance market.

Office Supplies will increase by 19.17%, \$4,825.00; \$30,000.00 increasing to help make necessary purchases and including non-capital one-time purchases such as new computers and printers to replace nonfunctional models.

Travel Expenses will decrease by 3.48%, \$1,065.00; \$29,536.50 (See: *Travel Schedule*, Page 17).

Dues will not change.

Safety Supplies will increase by 382.22%, \$17,200.00; \$21,700.00 due to regular purchases and one-time purchases to better protect the safety of staff and the public. (See *Safety Supplies*, Page 18)

Subscriptions will decrease by 4.91%, \$1,550.00; \$30,000.00 keeping with normal expenditure levels.

Advertisements will increase by 125.00%, \$2,500.00; \$4,500.00 due to change in billing structure of employment sites.

Continuing Education will increase by 43.18%, \$1,900.00; \$6,300.00 for laboratory and operational publications.

Professional Services will decrease by 57.95%, \$115,750.00; \$84,000.00 due to removing the onetime payment to SCI to perform the Benefit Assessment.

Public Relations will decrease by 32.50%, \$13,000.00; \$27,000.00 with money being put aside in the Assessment Budget for these actions. (See Assessment Budget, Page 4)

Tax Admin Fee will increase by 1.15%, \$6,450.00; \$70,000.00 keeping with normal expenditure levels.

Miscellaneous will not change.

Name, Logo & 100-Year Celebration will not change.

Assessment Services and Supplies is a new line item, to reflect items paid for by the assessment funds not specifically distributed into the budget.

Total Services and Supplies will increase by 20.08%, \$213,991.50; \$1,279,637.00.

Long Term Debt

CSDA Financing for Fish Hatchery and Offices (See: Schedule of Lease Payments, Page 19).

Building Improvements

Security – Increase and change security company, \$85,000.00

Plumbing – Fix the plumbing in the wash bay, \$85,000.000

Re-Cable Facility – Redo wiring for internet and other systems, \$17,000.00

Repair Lab AC/HVAC System – Ensure continued use of BSL-2 and BSL-3, including purchase of two new variable frequency drives, \$21,000.00

Capital (See: Capital Purchases Page 20)

Shop Equipment - \$8,500.00

Office Equipment - \$6,000.00

Laboratory Equipment - \$18,500.00

Vehicles - \$24,340.00

Assessment: Laboratory Equipment - \$33,500.00

Assessment: Vehicles - \$22,000.00

Assessment: Operations Equipment - \$25,000.00

Total Budget

The 2022/23 Budget will increase by 21.53% of the 2021/2022 \$4,361,988.83 budget, for a total of **\$4,833,309.23**. Revenue is projected to be \$4,285,280.28, which includes Assessment amount of \$1,025,528.00

The Unallocated General Reserve has been set at **\$3,864,316.40 (80.00% of the Operational Budget)**. Board Resolution 14-03 stipulates an Unallocated Reserve will have no less than 80% and no more than 100% of the operating budget.

Assessment Reserve is \$0.00

The Capital Reserve has been set at \$75,000.

The Appropriation for Contingency Reserve has been set at \$50,000.

2022-23 Fiscal Year Budget				
CATEGORY				
WAGES AND BENEFITS	20/21 Expense	21/22 Budget	21/22 Expense	Proposed Budget 22/23
MANAGER	153,750.00	160,668.75	162,677.10	190,874.48
ASSISTANT MANAGER	107,625.00	112,468.13	112,468.08	121,465.58
SCIENTIFIC PROGRAM MANAGER	64,472.48	101,060.64	101,060.64	109,136.82
OPERATIONS PROGRAM MANAGER	32,391.24	97,692.00	98,113.01	109,136.82
FOREMAN	90,927.70	92,384.53	92,384.52	99,783.97
BIOLOGIST	61,688.28	0.00	18,814.32	82,131.48
BIOLOGIST	70,400.96	86,624.24	86,624.24	98,642.45
BIOLOGIST	90,020.64	94,071.55	94,071.60	101,605.96
BIOLOGIST	72,391.64	80,352.77	80,352.77	91,868.72
SYSTEMS ADMINISTRATOR	75,594.67	0.00	0.00	0.00
ADMIN. ASSISTANT	80,026.92	88,448.15	120,550.08	82,794.99
ADMIN. ANALYST	64,625.04	71,505.72	62,893.43	69,725.04
EDUCATION & OUTREACH COORDINATOR	0.00	67,535.16	57,596.84	74,794.46
V.C. SUPERVISOR	73,415.64	76,719.33	76,719.36	82,839.53
V.C. TECHNICIAN III	66,727.56	69,730.24	69,730.20	75,308.66
V.C. TECHNICIAN III/ MECHANIC	152,353.76	120,276.36	122,609.06	75,308.66
V.C. TECHNICIAN III/ MECHANIC	0.00	0.00	0.00	64,326.15
WAGES PERM	1,256,411.53	1,319,537.57	1,356,665.25	1,529,743.77
TRUSTEE PAYROLL	7,200.00	8,400.00	7,400.00	8,400.00
LONGEVITY	33,849.43	27,522.56	26,048.68	24,945.99
ASE CERTIF	21,250.00	19,500.00	16,500.00	16,500.00
OVER-TIME	3,621.93	5,000.00	1,941.33	15,000.00
LABORATORY TECHNICIAN II				39,392.22
V.C. TECHNICIAN II	89,941.79	135,571.60	135,642.32	41,854.24
V.C. TECHNICIAN II				41,854.24
V.C. TECHNICIAN II				39,392.22
LABORATORY TECHNICIAN I (6)				110,600.00
V.C. TECHNICIAN I (8)	210,506.00	303,295.49	226,386.08	166,300.00
H.T.C. TECHNICIAN I (2)				20,250.00
TOTAL WAGES	1,622,780.68	1,818,827.22	1,770,583.66	2,054,232.67
SOC SEC	125,300.90	139,140.28	134,894.66	157,148.80
OPEB	0.00	0.00	0.00	0.00
RETIREMENT - PERS 14.53% (PEPRA 7.47%)	140,476.28	144,325.96	149,355.59	140,250.93
RETIREMENT - PERS UAL	132,655.00	160,017.00	160,017.00	187,182.00
CEPPT	0.00	0.00	50,000.00	0.00
ICMA	0.00	0.00	24,606.31	15,000.00
WRKRS' COMP	71,079.00	84,383.00	84,408.00	79,144.00
UNEMPLOYMENT	15,145.61	19,530.00	18,828.59	18,000.00
LTD/STD/DENT/ VSP/LTC	31,151.60	38,835.27	37,171.46	43,747.73
MEDICAL - CALPERS	233,781.18	278,828.33	299,089.03	380,297.53
BENEFITS	749,589.57	865,059.84	958,370.64	1,020,770.99
TOTAL WAGES & BENEFITS	2,372,370.25	2,683,887.06	2,728,954.30	3,075,003.67

SERVICES AND SUPPLIES	20/21 Expense	21/22 Budget	Projected 21/22 Expense	Proposed Budget 22/23
CHEMICALS	168,130.79	200,000.00	120,616.87	200,000.00
CLOTHING	9,486.90	8,000.00	10,005.23	8,000.00
LAB SUPPLIES	55,951.44	99,000.00	55,893.21	96,500.00
FISH SUPPLIES	2,447.78	5,000.00	5,027.36	5,000.00
OPERATIONAL SUPPLIES	2,184.32	2,500.00	3,069.13	3,000.00
JANITORIAL SUPPLIES	2,050.59	3,250.00	4,119.07	3,500.00
MAINT CONTRACT	16,198.54	27,800.00	36,178.94	55,500.00
BUILDING & YARD	19,270.47	55,000.00	37,347.60	20,000.00
VEHICLE SUPPLIES/MAINTAINCE	22,757.20	20,000.00	24,077.96	25,000.00
GASOLINE	41,866.18	62,000.00	62,288.86	75,000.00
UTILITIES	28,740.32	32,000.00	39,017.52	39,900.00
GPS	6,980.52	7,920.00	9,255.64	10,700.00
TELEPHONE & INTERNET	19,024.42	19,250.00	19,073.48	23,225.00
LIABILITY	59,446.76	77,899.00	79,122.00	94,178.00
OFF SUPPL	11,052.07	25,175.00	30,214.55	30,000.00
TRAVEL EXP	4,540.86	30,601.50	29,111.56	29,536.50
DUES	19,234.00	19,500.00	18,912.00	19,500.00
SAFETY SUPPLIES	3,363.54	4,500.00	3,481.65	21,700.00
SUBSCRIPTIONS	55,019.61	31,550.00	28,104.89	30,000.00
ADVERTISEMENTS	0.00	2,000.00	4,978.73	4,500.00
CONT EDUC	4,003.00	4,400.00	5,721.29	6,300.00
PROF SERV	73,857.74	199,750.00	57,068.94	84,000.00
PUBLIC RELATIONS	37,169.60	40,000.00	8,194.53	27,000.00
TAX ADMIN FEE	61,380.00	63,550.00	68,497.00	70,000.00
MISC	6,729.73	5,000.00	5,051.79	5,000.00
NAME, LOGO & CELEBRATION	0.00	20,000.00	11,615.54	20,000.00
ASSESSMENT SERVICES AND SUPPLIES			260,911.58	272,598.00
TOTAL SERVICE/SUPPLIES	730,886.38	1,065,645.50	1,036,956.92	1,279,637.50

OTHER CHARGES - LONG TERM DEBT				
LEASE PAYMENT	113,818.89	117,828.06	117,828.06	117,828.06
TOTAL OTHER CHARGES	113,818.89	117,828.06	117,828.06	117,828.06

BUILDING IMPROVEMENTS				
SECURITY				90,000.00
PLUMBING				95,000.00
RE-CABLE FACILITY				17,000.00
REPAIR LAB AC/HVAC				21,000.00
BUILDING PROJECT	164,275.70			
FISH TANKS	31,618.10			
ROOF REPAIR	46,170.00			
TOTAL BUILDING IMPROVEMENTS	242,063.80	0.00	0.00	223,000.00

CAPITAL ITEMS				
SHOP EQUIP		2,170.00	2,148.29	8,500.00
OFFICE EQUIP				6,000.00
SPRAY EQUIPMENT	2,432.00			
LAB EQUIP	7,333.74	55,580.00	0.00	18,500.00
VEHICLES		52,042.16	44,151.99	24,340.00
ASSESSMENT CAPITAL ITEMS			431,949.27	80,500.00
TOTAL CAPITAL	9,765.74	109,792.16	478,249.55	137,840.00

TOTAL WORKING BUDGET	3,468,905.06	3,977,152.78	4,361,988.83	4,833,309.23
Coming from the Assesment revenue		CARRY OVER	-384,836.05	-471,320.40
Have been changed from June budget				

**DELTA VECTOR CONTROL DISTRICT
FISCAL YEAR 2022/2023 SALARY SCHEDULE**

Effective July 1, 2022

General Manager	Annual Per Contract	191,308.28				
	Paysteps	Step 1	Step 2	Step 3	Step 4	Step 5
Assistant Manager	Annual	97,172.46	103,245.74	109,319.02	115,392.30	121,465.58
<i>Exempt</i>	Per Month	8,097.71	8,603.81	9,109.92	9,616.03	10,122.13
Program Manager	Annual	87,316.39	92,773.67	98,230.94	103,688.22	109,145.49
<i>Exempt</i>	Per Month	7,276.37	7,731.14	8,185.91	8,640.68	9,095.46
Biologist	Annual	81,277.82	86,357.68	91,437.54	96,517.41	101,597.27
<i>Exempt</i>	Per Month	6,773.15	7,196.47	7,619.80	8,043.12	8,466.44
Foreman	Annual	79,820.23	84,809.00	89,797.76	94,786.53	99,775.29
<i>Exempt</i>	Per Month	6,651.69	7,067.42	7,483.15	7,898.88	8,314.61
Administrative Assistant	Annual	76,419.20	81,195.40	85,971.60	90,747.80	95,524.00
<i>Exempt</i>	Per Month	6,368.27	6,766.28	7,164.30	7,562.32	7,960.33
Comm. Ed. and Out. Coord.	Annual	70,727.67	75,148.15	79,568.63	83,989.11	88,409.59
<i>Exempt</i>	Per Month	5,893.97	6,262.35	6,630.72	6,999.09	7,367.47
Administrative Analyst I	Annual	68,645.41	72,935.75	77,226.08	81,516.42	85,806.76
	Per Month	5,720.45	6,077.98	6,435.51	6,793.04	7,150.56
	Per Hour	33.00	35.07	37.13	39.19	41.25
VC Supervisor	Annual	66,285.50	70,428.35	74,571.19	78,714.04	82,856.88
<i>Exempt</i>	Per Month	5,523.79	5,869.03	6,214.27	6,559.50	6,904.74
VC Tech III	Annual	60,246.93	64,012.36	67,777.79	71,543.23	75,308.66
	Per Month	5,020.58	5,334.36	5,648.15	5,961.94	6,275.72
	Per Hour	28.96	30.78	32.59	34.40	36.21
VC Tech III/Mechanic	Annual	60,246.93	64,012.36	67,777.79	71,543.23	75,308.66
	Per Month	5,020.58	5,334.36	5,648.15	5,961.94	6,275.72
	Per Hour	28.96	30.78	32.59	34.40	36.21
Certified VC Tech II	Per Hour	28.96	30.78	32.59	34.40	36.21
Certified HTC Tech I 2023	Per Hour	19.60	20.83	22.05	23.28	24.50
Certified VC Tech I 2023	Per Hour	18.60	19.76	20.93	22.09	23.25
Certified VC Tech I 2022	Per Hour	17.60	18.70	19.80	20.90	22.00
Certified Lab Tech I	Per Hour	17.60	18.70	19.80	20.90	22.00
HTC Tech I 2023	Per Hour	18.00	19.13	20.25	21.38	22.50
VC Tech I 2023	Per Hour	17.00	18.06	19.13	20.19	21.25
VC Tech I 2022	Per Hour	16.00	17.00	18.00	19.00	20.00
Lab Tech I	Per Hour	16.00	17.00	18.00	19.00	20.00

Travel	Location	Registration #	# of Nights	# of Staff	Hotel	\$ per night	Per Diem	Air	Per Person Cost	Grand Total	Date
MVCAC											
Fall	Visalia, CA		0	5	N/A		\$34.00		\$34.00	\$ 170.00	11/2/22-11/3/22
Planning	Oakland, CA		3	1	Oakland Waterfront Hotel	\$260.00	\$185.00		\$ 965.00	\$ 965.00	12/6/22-12/7/22
Annual	Anaheim, CA	\$350.00	4	9	Disneyland Hotel, Anaheim	\$275.00	\$259.00		\$1,159.00	\$ 10,981.00	1/29/23-2/1/23
Spring	Sacramento, CA		3	1	Hyatt Regency Sacramento	\$275.00	\$172.50		\$997.50	\$ 997.50	?
AMCA											
Annual	Reno, Nevada	\$450.00	5	3	?	\$185.00	\$310.50	\$375.00	\$2,060.50	\$5,731.50	02/27/2023 - 03/03/2023
ESA											
Annual	Vancouver, Canada	\$355.00	4	1	?	\$188.00	\$518.00	\$500.00	\$2,125.00	\$ 2,125.00	11/13/22-11/16/22
Pacific Branch	Seattle, WA		4	1	?	\$250.00	\$355.50	\$350.00	\$1,705.50	\$ 1,705.50	4/2/2023-4/5/22
SOVE											
Annual	Honolulu, HI	\$495.00	5	2	Hilton Waikiki Beach	\$250.00	\$535.50	\$650.00	\$ 2,930.50	\$ 5,861.00	9/19/22 - 9/23/22
Misc.	Additional Trainings								\$ 1,000.00	\$ 1,000.00	
										\$29,536.50	

Everything is an estimation

CAPITAL PURCHASES

	Shop Equipment	
Robinair AC Repair for trucks		\$8,500.00
	Office Equipment	
New Copier/Scanner		\$6,000.00
	Laboratory Equipment	
Incubator		\$18,500.00
	Vehicles	
Annual payment for four (4) leased trucks		\$ 19,540.00
Flatbed for Truck		\$4,800.00
	ASSESSMENT	
	Laboratory Equipment	
Homogenizer		\$ 25,000.00
John Hock Trap: Bottle		
Rotator trap		\$ 3,000.00
Microscopes (3)		\$ 4,500.00
Microplate Mixer/Plate Shaker		\$ 1,000.00
	Vehicles	
Right Hand Drive Jeep		\$ 22,000.00
	Operations Equipment	
A1 Super Duty		\$ 25,000.00
	ASSESSMENT TOTAL	\$ 80,500.00
	ALL TOTAL	\$137,840.00

Balance Sheet

		Actual	Actual	Actual	Actual	Actual	Actual	Budget
		16/17	17/18	18/19	19/20	20/21	21/22	22/23
	Revenue	2,731,495.49	3,491,042.13	3,002,488.58	4,017,788.16	3,273,792.40	4,585,098.83	4,285,280.28
	Beginning Cash Balance	4,499,867.47	4,353,758.86	3,740,704.80	3,840,626.09	4,509,347.51	\$ 4,314,234.85	\$ 4,537,344.85
		7,231,362.96	7,844,800.99	6,743,193.38	7,858,414.25	7,783,139.91	8,899,333.68	8,822,625.13
	Budget	2,877,604.10	4,104,096.19	2,902,567.29	3,349,066.74	3,468,905.06	4,361,988.83	4,833,309.23
	Ending Balance	4,353,758.86	3,740,704.80	3,840,626.09	4,509,347.51	4,314,234.85	4,537,344.85	3,989,315.90
		7,231,362.96	7,844,800.99	6,743,193.38	7,858,414.25	7,783,139.91	8,899,333.68	8,822,625.13
	Assessment Reserve	332,665.83	-385,582.71	-382,459.70	0.00	0.00	0.00	0.00
	Contingencies	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00	50,000.00
	Capital Reserve	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00	75,000.00
	District Reserve	3,896,093.03	4,001,287.51	4,098,085.79	4,384,347.51	4,189,234.85	4,412,344.85	3,864,315.90
	Revenue	16/17	17/18	18/19	19/20	20/21	21/22	22/23
4001	Current Secured	1,961,142.15	2,083,840.47	2,171,766.69	2,257,053.85	2,402,921.80	2,551,845.95	2,602,882.87
4006	Current Unsecured	112,900.84	123,819.25	130,159.41	136,629.87	146,449.06	172,166.81	172,166.81
4060	RDA Residuals	72,330.00	77,281.00	85,423.00	99,317.00	172,907.00	176,300.00	75,000.00
4075	RD H&S 34188 SA	2,096.16	0.00	1,133.00	1,068.00	940.85	0.00	0.00
4055	Timber Yield	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4008	Prior Secured	40,877.19	40,880.95	41,151.41	41,143.56	48,722.45	46,616.88	42,402.00
4009	Prior Unsecured	2,322.84	3,761.94	1,964.18	2,283.14	1,622.25	2,059.52	1,200.00
4030	Supplemental Cur Sec	27,213.91	39,030.05	42,998.86	45,451.63	50,547.05	46,375.56	40,000.00
4033	Supplemental Prior	4,267.34	4,109.55	6,013.29	8,739.77	11,678.58	12,424.71	10,000.00
4052	Assessment	160,275.88	815,069.29	141,263.01	976,859.88	17,758.88	946,777.13	1,025,528.00
5050	Prop Tax Relief	19,720.46	19,470.42	19,406.96	18,785.97	18,374.90	17,917.60	17,917.60
4801	Interest	52,023.03	52,811.20	71,855.74	96,476.92	63,561.31	40,452.18	36,000.00
5835	Other Revenue	0.00	0.00	0.00	0.00	755.00	139.52	0.00
5250	ARPA (COVID Funds)	0.00	0.00	0.00	0.00	0.00	188,365.00	0.00
4069	RDA Pass Thru	243,383.00	236,641.00	255,019.00	277,496.00	294,033.00	307,218.00	307,218.00
5400	Current Services	4,301.96	3,667.92	5,080.96	6,952.91	8,750.25	0.00	0.00
5401	Assessment Fee	-7,180.00	-58,634.00	-5,821.00	-69,765.00	-96.07	-65,296.00	-70,000.00
5537	Other Sev	0.00	0.00	0.00	0.00	0.00	-37.5	-35.00
5805	Misc	35,820.73	49,293.09	35,074.07	119,294.66	34,866.09	141,773.47	25,000.00
		2,731,495.49	3,491,042.13	3,002,488.58	4,017,788.16	3,273,792.40	4,585,098.83	4,285,280.28
	Carry Over	15/16	16/17	17/18	18/19	19/20	20/21	21/22
	Reserve	3,960,419.33	4,499,867.47	4,353,758.86	3,740,704.80	3,840,626.09	4,509,347.51	4,314,234.85
	Revenue	3,254,990.92	2,731,495.49	3,491,042.13	3,002,488.58	4,017,788.16	3,273,792.40	4,585,098.83
	Budget	-2,715,542.78	-2,877,604.10	-4,104,096.19	-2,902,567.29	-3,349,066.74	-3,468,905.06	-4,361,988.83
	Ending Balance	4,499,867.47	\$ 4,353,758.86	\$ 3,740,704.80	\$ 3,840,626.09	\$ 4,509,347.51	\$ 4,314,234.85	\$ 4,537,344.85

101.2%

80.0%

6. BOARD OF TRUSTEES & GENERAL MANAGER AWARD OF APPRECIATION

7. 100 YEAR ANNIVERSARY CELEBRATION UPDATE



PLEASE JOIN US FOR

Delta Mosquito and Vector Control District's

100th Anniversary Celebration

Saturday October 8, 2022
10am - 2pm
1737 W Houston Ave
Visalia CA, 93291

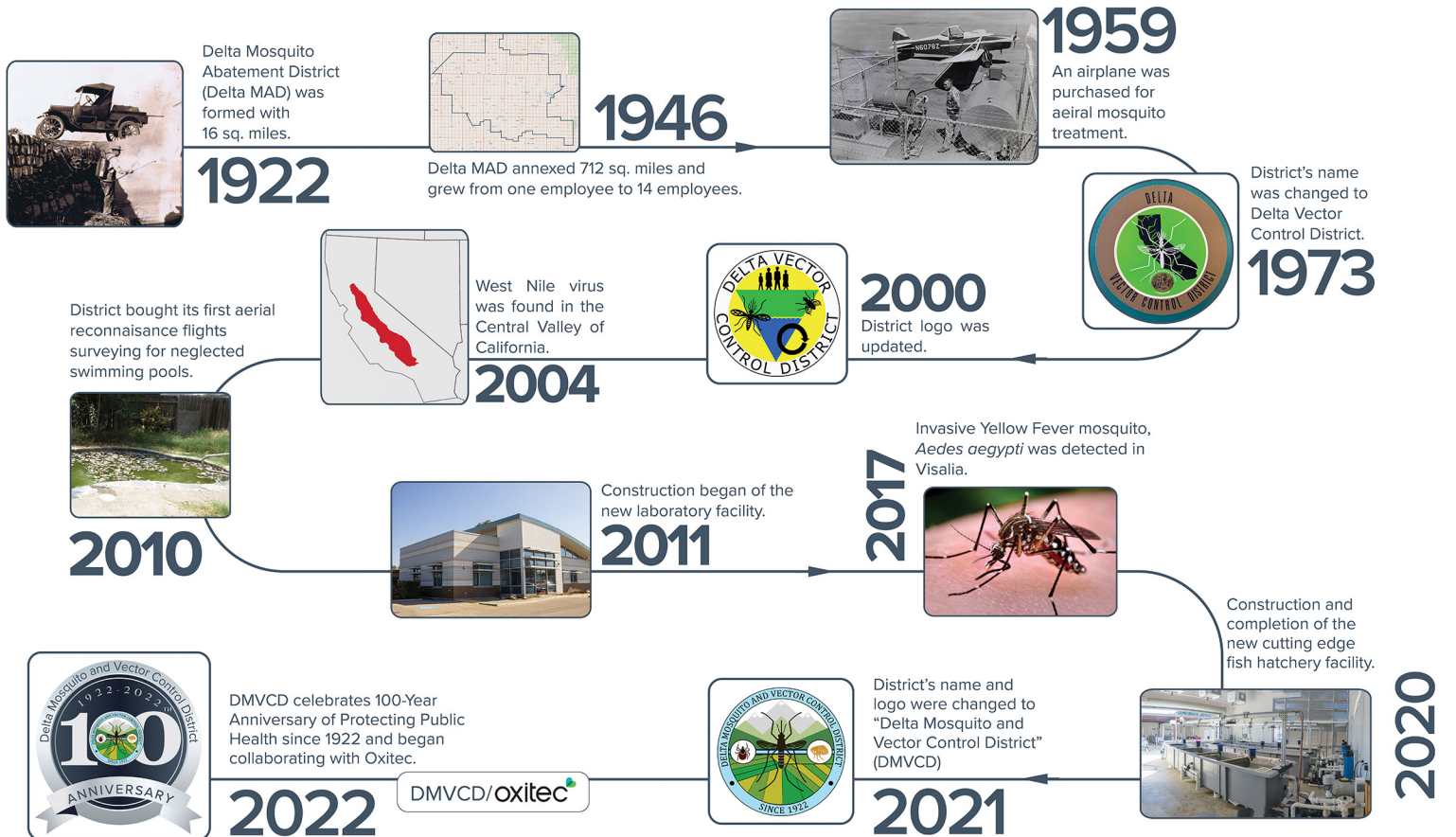
With special guests,
food, music, and
giveaways

For more details, visit
DeltaMVCD.org

Join us on Saturday, October 8, 2022 for an Open House in celebration of the District's 100th Anniversary. All are welcome to attend this monumental milestone to explore the Delta Mosquito and Vector Control District headquarters, laboratory, fish hatchery, equipment, and enjoy food, music, and giveaways.



@DeltaMVCD - 559-737-8606 - DeltaMVCD.org



8. WORK FROM HOME POLICY UPDATE

Delta Mosquito and Vector Control District

— MANUAL of POLICIES —

POLICY TITLE

Work from Home

POLICY NUMBER

2132

2132.1 This policy is designed to be used to ensure that on the occasions where working from home is necessary, it will be beneficial to our employees and District.

2132.2 The District can only allow work from home for those employees whose job duties permit it, due to a substantial portion of their jobs being carried out on a computer. This may include, but is not limited to: General Manager, Assistant Manager, Administrative Assistant, Community Education and Outreach Coordinator, Operations Program Manager, Scientific Program Manager, and Biologist positions. Final decision regarding the ability to work from home will be at the discretion of the General Manager or his representative.

2132.3 Working from home is only to be considered, when necessary, due to circumstances that may include but are not limited to: Emergencies, Quarantine, or Medical reasons. Other reasons for working from home depend on employees and The General Managers' judgment.

2132.4 Not all work can be done safely at home, due to cyber security and data privacy concerns. Additionally, employees may not have the necessary equipment or software installed or available at home. Where possible, duplicates of software will be installed on company laptops to increase the availability of work from home options. Staff should make sure to use the VPN provided on the assigned District laptops to increase security. Regardless, only work that can safely be completed at home should be done during the duration of the work from home period. Additionally, work from home should only be done in extreme cases when it cannot be avoided.

2132.5 Employees must receive the General Manager's permission to work from home. Employees must discuss details, set specific goals, schedules and deadlines for any period of work from home. Failure to meet goals or deadlines may cause employee status to transition from working at home to vacation or sick leave, depending on circumstances.

Edited 7/26/2022.

9. BOARD MEMBER COMMENTS

10. FUTURE AGENDA ITEMS

11. ADJOURNMENT