

**DELTA MOSQUITO & VECTOR  
CONTROL DISTRICT**

Dr. Mustapha Debboun  
*General Manager*

Post Office Box 310 \* Visalia, California 93279-0310

Mir Bear-Johnson  
*Assistant Manager*

1737 West Houston Avenue \* Visalia, California 93291

Phone (559) 732-8606 \* (877) 732-8606 \* Fax (559)-732-7441

www.deltavcd.com

Hector Cardenas  
*Operations Program Manager*

Crystal Grippin  
*Scientific Program Manager*

Sheri D. Davis  
*Administrative Assistant*

Andrea Troupin  
*Biologist*

Javier Valdivias  
*Biologist*

Mark Nakata  
*Biologist*



**DATE:** Friday, August 6, 2021

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

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

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

**TIME:** Wednesday, August 11, 2021 at 4:30 p.m.

**PLACE:** District Boardroom, 1737 West Houston Avenue, Visalia  
Teleconference Dial in Number: 1-978-990-5000 access code 575024

**AGENDA:**

**1. Roll Call**

**ACTION**

**2. Consent Calendar**

- a. July Minutes
- b. July Special Meeting Minutes
- c. July Bills (Board Order #3 & #4)
- d. August Payroll (Board Order #5)
- e. August Bills (Board Order #6)

**3. Public Forum**

Members of the public may address the Board.

**4. Staff Report**

The Assistant Manager will report on items of operational interest.

**5. Surveillance Report**

The Assistant Manager will report on surveillance information for the state, region, and local community.

**ACTION**

**6. Fiscal Budget Amended**

The Administrative Assistant will present final numbers for Board approval of the amended 2021/22 fiscal budget.

**7. Closed Session Case Review/Planning**

Section 54956.9 of Division 3.6 of Title 1 of the Government Code.

**ACTION**

**8. Adjournment**

Adjourn meeting of the Board of Trustees to reconvene on Wednesday, September 8, 2021 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. Consent Calendar**

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Minutes of the Board of Trustees – Wednesday, July 14, 2021

**1. Roll Call:**

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

Staff: Dr. Mustapha Debboun, General Manager; Sheri Davis, Administrative Assistant; Rick Alvarez, Vector Control Supervisor.

**2. New Employee Introduction:**

General Manager, Dr. Mustapha Debboun introduced Vector Control Supervisor, Mr. Rick Alvarez. Mr. Alvarez gave a brief biography and was welcomed by the Board of Trustees.

**3. District Transparency Certificate of Excellence:**

California Special Districts Association (CSDA) Representative, Cole Karr presented the Special District Transparency Certificate of Excellence to the General Manager and the Board of Trustees. The Delta Mosquito and Vector Control District is committed to operating in a transparent and ethical manner.

**4. Consent Calendar:**

The Administrative Assistant provided information on the following items:

Board Order #1 – 35456 Kronke Enterprises – Right-hand drive Jeep Wrangler.

Board Order #2 – 35533 VCJPA – Property & Liability increased from draft budget.

Following discussion, it was moved by Michael Cavanagh, seconded by Larry Roberts, and the Board members unanimously approved the consent calendar as presented.

**5. Staff Report:**

The General Manager reported that the COVID-19 Prevention Program was updated with the new Cal-OSHA requirements.

The Foothills Sun-Gazette reporter, Reggie Ellis interviewed the General Manger and published an article this week.

Tulare Mosquito Abatement District has a right-hand jeep that they no longer need. We are working out the details to transfer the jeep to Delta MVCD.

Mosquito and Vector Control Association of California (MVCAC) recognized Delta MVCD as the agency spotlight with our new logo and name change.

**6. Enterprise Fleet Management:**

The General Manager reported that three vehicles have been received from Enterprise Fleet Management, and the remaining seven vehicles are scheduled for delivery at the end of the year.

**7. Public Forum:**

A member of the public was present and disagreed with the invasive *Aedes aegypti* Benefit Assessment.

**8. Benefit Assessment:**

The General Manager provided an update on the Benefit Assessment. Approximately 80,000 ballots were mailed out on 6/4/2021. As of 7/12/21, the Tulare County Registrar of Voters has received 8,907 ballots.

There will be a Special Meeting with a public hearing on 7/21/21, which will be the last day to receive ballots. Ballot results will be presented at a Special Meeting on 7/28/2021.

**9. Surveillance Report:**

The General Manager provided an update on mosquito surveillance information for the state, central region, and local community.

**10. Policies.**

The General Manager presented the updated Holiday Policy 3004.

Following discussion, it was moved by Kevin Caskey and seconded by Michael Cavanagh to not approve the updated Holiday Policy. There were for four ayes, and one no vote.

**11. Closed Session Case Review/Planning**

Adjourned to closed session pursuant to Government Code Section 54956.9 of Division 3.6 of Title I.

**12. Adjournment:**

It was moved by Michael Cavanagh, seconded by Kevin Caskey, and unanimously approved to adjourn the meeting of the District Board of Trustees. The meeting was adjourned at 5:35 p.m.

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Dr. Mustapha Debboun, Recording Secretary

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Minutes of the Board of Trustees Special Meeting – Wednesday, July 21, 2021

**1. Roll Call:**

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

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

Guest: Mr. John Bliss, President SCI Consulting Group; Ms. Sonia Ortega, Project Manager SCI Consulting Group; Mr. Dale Bacigalupi, District Counsel.

**2. Public Hearing:**

Ms. Sonia Ortega of SCI Consulting Group provided introductory comments and a general overview of the proposed Delta Mosquito and Vector Control District, Mosquito, Vector and Disease Control Assessment.

Two members of the public had questions regarding the Benefit Assessment. General Manager, Dr. Mustapha Debboun, and SCI Consulting Group President, Mr. John Bliss responded to questions raised.

Ms. Ortega gave last call for submittal of ballots.

President Gomez officially closed the input portion of the Public Hearing.

**3. Public Hearing Continuation to July 28, 2021, 4:30 p.m. at the Delta Mosquito and Vector Control District boardroom.**

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Dr. Mustapha Debboun, Recording Secretary



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Special Meeting Minutes: Public Hearing Continuation from July 21, 2021 – Wednesday, July 28, 2021

**1. Roll Call:**

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

Absent: Michael Cavanagh.

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

Guest: Ms. Sonia Ortega, Project Manager SCI Consulting Group.

**2. Public Hearing Continuation:**

a. Open Public Hearing

b. Ms. Sonia Ortega of SCI Consulting Group announced the Tulare County Registrar of Voters tabulation of ballot results of the Delta Mosquito and Vector Control District, Mosquito, Vector and Disease Control Assessment.

Total Number of Valid Ballots Processed:	<u>9,436</u>
Total Assessment Amount of Valid Ballots:	<u>\$192,183.72</u>

Total Number of "Yes" Votes Processed:	<u>6,138</u>
Total Assessment Amount of "Yes" Votes Processed:	<u>\$109,603.52</u>
Percentage of "Yes" Votes, unweighted:	<u>65.05%</u>
<b>Total Percentage of "Yes" Ballots, Weighted by Assessment:</b>	<b><u>57.03%</u></b>

Total Number of "No" Votes Processed:	<u>3,298</u>
Total Assessment Amount of "No" Votes Processed:	<u>\$ 82,580.20</u>
Percentage of "No" Votes, unweighted :	<u>34.95%</u>
<b>Total Percentage of "No" Ballots, Weighted by Assessment:</b>	<b><u>42.97%</u></b>

Total Number of "Invalid" Ballots Processed:	<u>97</u>
Total Assessment Amount of "Invalid" Ballots Processed:	<u>\$ 1,785.68</u>

- c. Close public hearing.
- d. Consideration of Resolution 2021-07 Approving Engineer’s Report, Confirming Diagram and Assessment, and Ordering Levy of the Mosquito, Vector and Disease Control Assessment for Fiscal Year 2021-22.
- e. Compliance Certification and Hold Harmless Statement Fiscal Year 2021-22.

Following discussion, it was moved by Larry Roberts and seconded by Belen Gomez to approve Resolution 2021-07. Vote by roll call, all ayes.

Following discussion, it was moved by Kevin Caskey and seconded by Linda Guttierrez to approve the Compliance Certification and Hold Harmless Statement Fiscal Year 2021-22. Vote by roll call, all ayes.

**3. Adjournment**

It was moved by Larry Roberts, seconded by Linda Guttierrez, and unanimously approved to adjourn the special meeting of the District Board of Trustees. The meeting was adjourned at 4:39 p.m.

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Dr. Mustapha Debboun, Recording Secretary

CLAIM #	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
35535	ENTERPRISE FM TRUST	3 Leased Vehicles (June 28-03, July)	Capital - Vehicles	1,321.44
		<i>TOTAL PAYROLL</i>		<i>\$1,321.44</i>
		<i>TOTAL BOARD ORDER #3</i>		<i>\$1,321.44</i>

35536	JORGE LOPEZ	Vector Control Tech II			2,001.36
35537	ALEXANDER WARD	Vector Control Tech II			1,477.99
35538	ADRIAN SIFUENTES	Vector Control Tech II			1,739.54
35539	ALEJANDRA GILL	Lab Tech I			1,058.65
35540	JAYSON CABRAL	Lab Tech I			1,095.73
35541	SABRINA GALBAN	Lab Tech I			619.00
35542	LUIS GONZALEZ	Lab Tech I			1,051.65
35543	PATRICIA BIENIEMY	Lab Tech I			1,135.06
35544	CHRISTIAN COTTO	Lab Tech I			999.42
35545	ADRIANNA WHITE	Lab Tech I			894.44
35546	RILEY UNRAU	Vector Control Tech I			913.99
35547	THOMAS HOWARD	Vector Control Tech I			996.16
35548	LORRAINE GONZALEZ	Vector Control Tech I			653.69
35549	AYLSIA INGRIM	Vector Control Tech I			1,000.36
35550	JACKIE JACKSON	Vector Control Tech I			816.80
35551	PAUL RAPER	Vector Control Tech I			1,053.05
35552	KORY WILSON	Vector Control Tech I			1,144.03
35553	ROSEMARIE ANTUNA	Vector Control Tech I			1,073.53
35554	AARON WINSTON	Vector Control Tech I			819.90
35555	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax			4,912.90
35556	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax			302.38
35557	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement			945.86
		<b>TOTAL PAYROLL</b>			<b>\$26,705.49</b>
35558	CLARKE MOSQUITO PRODUCTS	BG Traps and Lures		Lab Supplies	3,534.49
35559	EMD NETWORKING SERVICES	August Billing and Previous Balance Due on WiFi Work		Maint Contracts	2,546.20
35560	FASTENAL	Joining Plate, Screws and Nuts		Fish Supplies	326.41
35561	GIOTTO'S ALARM TECH	Annual Video Software Update and Key Fobs		Maint Contracts	720.15
35562	HARBOR FREIGHT				212.19
		Timer, Outlet Strips, Cord	153.92	Fish Supplies	
		Magnets, Cables, Trays, Timer	58.27	Lab Supplies	
35563	HOME DEPOT				2,332.11
		LED Portable Lights, Cord, Chain, Ball Valves, etc.	534.30	Fish Supplies	
		Vinyl Tubes, Drill Bit Set, Batteries, Chargers (Traps)	1,797.81	Lab Supplies	
35564	LINUXUP	GPS		GPS	659.67
35565	LOZANO SMITH	Review Documents from Claim; Communications with SCI		Professional Services	102.00
35566	METTLER-TOLEDO RAININ	Pipettes and Tips		Lab Supplies	1,174.00
35567	OFFICE DEPOT	Labels		Office Supplies	72.64
35568	SBC	Office Phone/Fax		Telephone/Cell Phones	197.17
35569	SO CAL GAS COMPANY	Utilities		Utilities	25.66
35570	VALLEY PACIFIC PETROLEUM	Gasoline		Gasoline	4,256.31
35571	VERIZON WIRELESS	Cell Phones		Telephone/Cell Phones	778.35
35572	VESERIS	Altosid		Chemicals	12,346.43
35573	WALMART				47.48
		Phone Car Mounts	36.61	Telephone/Cell Phones	
		Bobbin, Needles, Thread (Traps)	10.87	Lab Supplies	
35574	WIZIX	Shipping for Copy Machine Toner		Maint Contracts	14.50
		<b>TOTAL BILLS</b>			<b>\$29,345.76</b>
		<b>TOTAL BOARD ORDER #4</b>			<b>\$56,051.25</b>

August 2021 Payroll

Board Order No. 5  
Consent Calendar Exhibit VI

VOUCHER	PAYEE	DESCRIPTION	Budget Line Item	AMOUNT
35575	MUSTAPHA DEBBOUN	MANAGER		7,754.43
35576	MIR BEAR-JOHNSON	ASSISTANT MANAGER		6,112.33
35577	CRYSTAL GRIPPIN	SCIENTIFIC PROGRAM MANAGER		4,058.37
35578	HECTOR CARDENAS	OPERATIONS PROGRAM MANAGER		5,270.54
35579	MARK NAKATA	BIOLOGIST		5,354.15
35580	JAVIER VALDIVIAS	BIOLOGIST		4,599.01
35581	ANDREA TROUPIN	BIOLOGIST		4,787.09
35582	SHERI DAVIS	ADMINISTRATIVE ASSISTANT		5,536.97
35583	MARY ELLEN GOMEZ	ADMINISTRATIVE ANALYST		4,196.72
35584	PAUL HARLIEN	FOREMAN		5,157.76
35585	RICK ALVAREZ	VECTOR CONTROL SUPERVISOR		5,349.04
35586	BRYAN RUIZ	VECTOR CONTROL TECHNICIAN III		4,391.70
35587	BRYAN FERGUSON	VECTOR CONTROL TECHNICIAN III/MECHANIC		4,529.99
35588	MARIO SANCHEZ	VECTOR CONTROL TECHNICIAN III/MECHANIC		3,839.16
		<i>Sub-Total Full-Time Payroll</i>		<b>\$70,937.26</b>
35589	VSP	Vision Plan Premium for August 2021		444.06
35590	DELTA DENTAL PLAN	Dental Plan Premium for August 2021		1,378.87
35591	LINCOLN FINANCIAL GROUP	Life/STD & LTD Insurance for August 2021		1,247.85
35592	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Health Insurance Premium for August 2021		20,393.19
35593	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax	Employee 71% - District 29%	29,737.08
35594	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax	Employee 100%	4,807.65
35595	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement	Employee 40% - District 60%	19,772.88
35596	DELTA VECT CONT DIST	Flex Benefit Plan	Employee 100%	1,022.63
35597	ICMA RETIREMENT TRUST	Deferred Retirement Trust	Employee 77% - District 23%	2,438.08
		<i>Sub-Total for Payroll Taxes &amp; Benefits</i>		<b>\$81,242.29</b>
		<i>Total Regular Payroll &amp; Benefits</i>		<b>\$152,179.55</b>
35598	JORGE LOPEZ	Vector Control Tech II		2,001.35
35599	ADRIAN SIFUENTES	Vector Control Tech II		1,422.32
35600	ALEX WARD	Vector Control Tech II		1,595.61
35601	ALEJANDRA GILL	Lab Tech I		1,092.13
35602	ADRIANA WHITE	Lab Tech I		1,076.44
35603	LUIS GONZALEZ	Lab Tech I		1,051.65
35604	JAYSON CABRAL	Lab Tech I		1,095.73
35605	SABRINA GALBAN	Lab Tech I		249.57
35606	PATRICIA BIENIEMY	Lab Tech I		881.45
35607	MARICELA CISNEROS	Lab Tech I		1,012.65
35608	AMANDA MARTIN	Vector Control Tech I		633.59
35609	RILEY UNRAU	Vector Control Tech I		1,004.69
35610	CHRISTIAN COTTO	Vector Control Tech I		1,027.66
35611	THOMAS HOWARD	Vector Control Tech I		946.07
35612	LORRAINE GONZALEZ	Vector Control Tech I		869.96
35613	AYLSIA INGRIM	Vector Control Tech I		1,039.81
35614	JACKIE JACKSON	Vector Control Tech I		929.92
35615	PAUL RAPER	Vector Control Tech I		1,098.26
35616	KORY WILSON	Vector Control Tech I		977.63
35617	ROSEMARIE ANTUNA	Vector Control Tech I		1,108.69
35618	AARON WINSTON	Vector Control Tech I		832.29
35619	DELTA VECTOR CONTROL DIST - EFTPS	Social Security/ Medicare/ Federal Income Tax		5,281.58
35620	DELTA VECTOR CONTROL DIST - EFTPS	State Income Tax		333.84
35621	DELTA VECTOR CONTROL DIST - EFTPS	CalPERS Retirement		900.04
		<i>Sub-Total for Seasonal Payroll &amp; Taxes</i>		<b>\$28,462.93</b>
		<i>Total All Payroll and Benefits</i>		<b>\$180,642.48</b>

35622	ADAPCO	Metalaryv		Chemicals	5,728.80
35623	ADMINISTRATIVE SOLUTIONS INC	Flexible Benefit Plan Admin Fee		Professional Services	91.00
35624	AT&T	Long Distance/Toll Free		Telephone/Cell Phones	29.68
35625	AUTOZONE	Power Steering Pump, Brake Fluid, Radiator Hose, Fuel Cap		Auto Supplies	113.81
35626	CITY OF VISALIA	Solid Waste Disposal		Utilities	126.85
35627	COMCAST BUSINESS	Internet		Telephone/Cell Phones	260.68
35628	CRANES WASTE OIL, INC	Waste Oil Disposal		Auto Supplies	120.00
35629	DELTA MVCD REVOLVING FUND				601.71
		CSDA Central Valley Meet & Greet - Mir & Sheri	30.00	Travel	
		Sheri Davis - Panera for Staff Appreciation	18.47	Misc. Expense	
		AT&T - Backup Internet (June & July)	113.07	Telephone/Cell Phones	
		Mir Bear-Johnson - Home Depot for drain cleaner	7.59	Bldg/Yard Supplies	
		Calif Water Service (May & July)	265.58	Utilities	
		Institute for Local Gov - AB1234 Trustee Roberts	50.00	Continuing Ed	
		USPS - Stamps and Certified Letter	117.00	Office Supplies	
35630	EMD NETWORKING SERVICES				8,320.29
		Monthly Contract - August	1,953.70	Maint Contracts	
		PC's, Monitors, Webcams, Keyboards	6,366.59	Office Supplies	
35631	ENTERPRISE FM TRUST	Leased Vehicles (3)		Capital - Vehicles	1,201.32
35632	FRESNO OXYGEN				744.40
		Dry Ice	532.82	Lab Supplies	
		Acetylene and Oxygen Regulators	211.58	Auto Supplies	
35633	HOME DEPOT	Batteries for Traps		Lab Supplies	1,464.42
35634	LIFE TECHNOLOGIES CORP				56,785.72
		Taqman Virus Kits	3,197.50	Lab Supplies	
		Smartstart Kingfisher Lab Equipment	53,588.22	Capital - Lab Equip	
35635	LOWES				601.22
		Batteries for Traps, clamps, Qista Project	519.80		
		Hose and Hose Barbs	52.94		
		Rubber Boots	28.48		
35636	MACLEOD WATTS INC	GASB 75 Actuarial Report 6-30-2021		Professional Services	1,950.00
35637	MISSION LINEN				1,115.25
		Uniforms	957.37	Clothing	
		Janitorial	157.88	Janitorial	
35638	MITCHELL ONE	Fleet Management Software (annual fee)		Subscriptions	1,771.78
35639	MVCAC	Dues 2021-22		Dues	10,500.00
35640	NAPA AUTO PARTS	Oil Filters, Air Filters, Batteries, Hose Clamps, Blower Motor		Auto Supplies	341.88
35641	NASCO	Seed Germination Paper		Lab Supplies	58.48
35642	OFFICE DEPOT	Labels		Office Supplies	35.75
35643	PACIFIC WEST CONTROLS	Monthly Service Contract		Maint Contracts	250.00
35644	SIGMA-ALDRICH	L-Isoleucine, Reagent Grade		Lab Supplies	48.31
35645	SMART & FINAL	Water & Gatorade		Safety Supplies	54.18
35646	SO CALIF EDISON	Utilities		Utilities	4,529.66
35647	STAR MILLING	Fish Food		Fish Supplies	142.77
35648	SUPERIOR AIR	Breakroom AC Repairs		Bldg/Yard Maint	490.00
35649	U LINE				929.50
		PPE Gowns	92.23	Safety Supplies	
		Biohazard Bags & Cans, Jugs for Traps	837.27	Lab Supplies	
35650	US BANK				4,810.80
		Google Suites	132.00	Subscriptions	
		Dick's Sporting Goods - Mosquito Nets for Qista Project	35.78	Lab Supplies	
		GNC - Yeast for Traps	139.97	Lab Supplies	
		Play it Koi - Pond Water Conditioner	41.12	Fish Supplies	







### **3. Public Forum**

## **4. Staff Report**

# **DELTA MOSQUITO & VECTOR CONTROL DISTRICT**

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## **REPORT OF THE MANAGER JULY 2021**

### **I. Water and Weather**

There were several heat waves throughout the month of July. The Delta Mosquito and Vector Control District (DMVCD) Weather Station reported an average high temperature of 102.0°F with an average low of 72.0°F and 0 inches of rainfall. The National Oceanic and Atmospheric Administration 1981-2010 seasonal averages for high and low temperatures in July were 94.1°F and 66.7°F respectively, with average rainfall of 0.01 inches.

Water storage at Pine Flat Reservoir decreased to 214,255 acre-feet by the end of the month. By July 31, 2021, Pine Flat Reservoir's inflow had decreased to 467 cubic feet per second (CFS) and its release decreased dramatically to 1,328 CFS. The Lake Kaweah Reservoir ended the month with less water than the previous month, with 31,323 acre-feet on July 31, 2021. Lake Kaweah's inflow fluctuated dramatically at the end of the month, with the last reading being from July 29, 2021 showing 67 CFS and its release was decreased to 146 CFS.

### **II. Narrative**

On July 2, 2021, the District purchased a right-hand side vehicle for the storm drain program. This equipment will allow a one-man operation to apply and inspect storm drains. In addition, this equipment will increase the efficiency of applications, and improve employee road safety while conducting inspections.

Continuous treatment of storm drain systems continued during the month of July throughout the Districts' jurisdiction. Approximately 10,502 storm drains were treated with a Methoprene product. Sites include street drains, parking lots, parks, apartment complexes, and schools. The District also began treating school storm drain with a long-term residual treatment and treated 36 active storm drains.

Larviciding aerial treatment for the Kaweah River Rock Plant Continued for the month of July, with the fourth treatment taking place on July 20, 2021. During the application, 8 acres were treated with an insect growth hormone regulator.

Due to high mosquito counts in the rural portion of the District, large BTI treatments have begun to reduce the mosquito populations near dense corn crops in the north region of Visalia.

On July 20, 2021, the Rural operation performed an ARGO (all-terrain vehicle) treatment covering 176-acre kiwi grove north of Dinuba treating multiple irrigation pockets.

Due to high viral activity, operations crew conducted an adult mosquito treatment on July 29, 2021. The treatment was conducted on the NW section of Visalia covering approximately 275 acres of land.

On July 26, 2021, Amanda Martin joined the urban operations team to assist with high trap counts specifically associated with *Aedes aegypti* sources.

High abundance of pasture mosquitoes north of Exeter on July 30, 2021 were decreased following an adult mosquito treatment.

The fish hatchery produced 1,223 fry in July. A total of 633 fish were distributed through 22 technician requests and 10 homeowner requests. So far, 2,813 fish have been placed in approximately 120 sources in 2021.

Routine mosquito surveillance continued throughout July. A total of 30,537 mosquitoes were collected across 1,140 trap nights. The District-wide average of 26.8 mosquitoes per trap night for the month of July is 1.3% lower than the previous 5-year average of 27.1, but 56.2% higher than the 2020 average of 17.2 mosquitoes per trap night. The top 3 mosquito species caught in July were *Culex quinquefasciatus* at 72.6%, followed by *Aedes aegypti* at 13.3% and *Culex 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 throughout July. The DMVCD tested 585 mosquito samples in July with 23 positives for WNV. Additionally, 2 dead bird carcasses were tested with 1 positive for WNV. The WNV positive mosquito samples were collected from Visalia, Farmersville, Dinuba, Peral, and west of Sequoia Fields. The WNV positive dead bird was collected from Visalia.

The Mosquito and Vector Control Association of California (MVCAC) conducted their quarterly conference over zoom on July 15, 2021, which was preceded by the Southern San Joaquin Regional Meeting, also over zoom, the previous Friday.

Interviews for the Community Education Outreach Coordinator took place near the end of the month, with an offer being made and accepted by Erick Arriaga to start in the position on August 16, 2021.

On July 28, 2021, the results from the balloting for the Prop 218 Assessment for funding additional *Aedes aegypti* activities passed with 57.03% weighted approval. The first funding from this assessment is not anticipated until December 2021 or January 2022.

Throughout July, employees who were not fully vaccinated continued to complete the online screening of COVID-19 survey and take paid time off to seek test results when required. The District will continue to be proactive in keeping employees and the public safe. Staff are encouraged to be fully vaccinated and allowed to take work time to do so.

There were 159 service requests in July:

2021 Service Request Summary

<b>2021</b>	<b>Fish</b>	<b>Inspection</b>	<b>Mosquito</b>	<b>Source</b>	<b>Other</b>	<b>Inquiries</b>	<b>Total</b>
<b>January</b>	0	0	1	2	0	0	<b>3</b>
<b>February</b>	0	0	0	2	0	0	<b>2</b>
<b>March</b>	0	0	7	17	1	2	<b>27</b>
<b>April</b>	21	0	14	31	1	1	<b>68</b>
<b>May</b>	32	20	27	35	0	1	<b>115</b>
<b>June</b>	23	44	72	42	1	0	<b>182</b>
<b>July</b>	16	0	95	47	1	0	<b>159</b>
<b>Total</b>	<b>92</b>	<b>64</b>	<b>216</b>	<b>176</b>	<b>4</b>	<b>4</b>	<b>556</b>

**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 the month of July.

Birds: There were 2 dead birds reported to the District in July, with 1 testing positive for WNV. In 2021, a total of 5 dead birds were positive for WNV out of 11 dead birds tested.

Mosquitoes: There were 23 new WNV positive mosquito samples out of 585 tested in July. In 2021, a total of 46 mosquito samples were positive for WNV out of 1,048 tested.

**State Surveillance:**

Humans: A total of 4 human cases have been reported in 4 counties across the state.

Birds: As of July 30, 2021, 94 dead birds have tested positive for WNV. So far, 94 dead birds from 9 counties have tested positive for WNV out of 737 tested in 2021.

Mosquitoes: As of July 30, 2021, 563 mosquito samples were positive for WNV. A total of 18,071 mosquito samples were tested for WNV, SLEV, and WEEV with 563 samples from 20 counties positive for WNV in 2021

**IV. Expenditures & Revenues – 2021/22**

TOTAL BUDGET \$3,974,072.78

EXPENDITURES – July 1, 2021 – July 31, 2021

Salaries	\$452,616.97
Services & Supplies	\$125,169.19
Tax Admin Fee	\$0.00
Capital	\$17,469.73
Building Improvements	\$0.00
<b>TOTAL EXPENDITURES</b>	<b>\$595,255.89</b>

REVENUE RECEIVED – July 1, 2021 – July 31, 2021

July*	
<b>TOTAL REVENUE TO DATE</b>	<b>\$0.00</b>

V. **Time Sheet Summary**

<b>Month</b>	<b>Available Work Hrs</b>	<b>Sick Hrs Used</b>	<b>Total Hrs Available for Work</b>	<b>Pct. Of Hrs Avail for Work</b>
<b>July</b>	<b>5,376</b>	<b>119.25</b>	<b>5,256.75</b>	<b>97.79</b>

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.

*\*July Revenue not available from Tulare County as of 8/2/21.*

## **5. Surveillance Report**

## California Arbovirus Surveillance Bulletin #15

Week 31 Friday, August 6, 2021



### Weekly Update

#### **Humans**

Four human case of West Nile virus (WNV) illness were reported this week from Butte (2), Los Angeles (1), and Stanislaus (1) counties. **These are the first human WNV cases reported from Butte, Los Angeles, and Stanislaus counties this year.** In 2021, a total of eight WNV human cases have been reported from seven counties. Of the eight cases, three (38%) had neuroinvasive illness and one (13%) was fatal. The median age of the cases was 54 years, and five (63%) were male. Dates of symptom onset ranged from May 9 to July 21. In addition to the eight cases, two asymptomatic WNV infections have been reported from Kern (1) and San Bernardino (1) counties. At this time last year, five WNV cases had been reported from three counties.

#### **Dead Birds**

A total of 15 WNV positive dead birds were reported this week from 4 counties: Los Angeles (3), Nevada (1), Sacramento (10) and San Joaquin (1). In 2021, 109 WNV positive dead birds have been reported from 10 counties. **This is the first detection of WNV activity in Nevada County this year.** At this time last year, 64 WNV positive dead birds had been reported from 12 counties.

#### **Mosquito Pools**

##### West Nile virus

A total of 207 WNV positive mosquito pools were reported this week from 17 counties: Butte (11), Fresno (14), Kern (13), Lake (1), Los Angeles (25), Madera (16), Merced (1), Orange (2), Placer (10), Riverside (13), Sacramento (5), San Joaquin (47), Shasta (3), Solano (2), Stanislaus (26), Tulare (16), and Yolo (2). **This is the first detection of WNV activity in Orange and Solano counties, and the first positive mosquito pools from Merced County this year.** In 2021, 770 WNV positive mosquito pools have been reported from 23 counties. At this time last year, 474 WNV positive mosquito pools had been reported from 21 counties.

##### St. Louis encephalitis virus

Six mosquito pools from Fresno (1) and Riverside (5) counties were reported positive for St. Louis encephalitis virus (SLEV) this week. **This is the first detection of SLEV in Fresno and Riverside counties this year.** In 2021, nine SLEV positive mosquito pools have been reported from Fresno (1), Imperial (3), and Riverside (5) counties. At this time last year, 143 SLEV positive mosquito pools had been reported from 4 counties.

#### **Sentinel Chickens**

No WNV positive chickens were reported this week. In 2021, 10 WNV positive chickens have been reported from 3 counties. At this time last year, 12 WNV positive chickens had been reported from 3 counties.

*Website Information:* For updated information on WNV in California, please visit the California WNV website, [www.westnile.ca.gov](http://www.westnile.ca.gov), or the California Vectorborne Disease Surveillance System website, [www.maps.calsurv.org](http://www.maps.calsurv.org). For national information on WNV and other arboviruses, please visit the CDC websites: [www.cdc.gov](http://www.cdc.gov) and [www.cdc.gov/arbovet/maps/ADB\\_Diseases\\_Map/index.html](http://www.cdc.gov/arbovet/maps/ADB_Diseases_Map/index.html)



## California Arbovirus Surveillance Bulletin #15

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2020 & 2021 YTD West Nile Virus Comparisons		
	2020	2021
Total # Dead Bird Reports	3,097	3,538
# Positive Counties	24	25
# Human Cases	5	8
# Positive Dead Birds / # Tested	64 / 793	109 / 1,069
# Positive Mosquito Pools / # Tested	474 / 19,940	770 / 19,719
# Seroconversions / # Tested	12 / 3,281	10 / 3,258

YTD WNV Activity by Element and County, 2021					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Butte	2			52	8
Contra Costa				2	
Fresno	1	1		140	
Kern	1			41	
Kings				6	
Lake				2	
Los Angeles	1		19	85	
Madera				49	
Merced			1	1	1
Nevada			1		
Orange				2	
Placer			2	30	
Riverside				15	
Sacramento			66	31	
San Bernardino			1	2	
San Joaquin			12	146	
San Luis Obispo	1				
Shasta	1			15	1
Solano				2	
Sonoma			1	1	
Stanislaus	1		1	46	
Sutter				9	
Tulare			5	83	
Yolo				6	
Yuba				4	
Totals	8	1	109	770	10

## California Arbovirus Surveillance Bulletin #15

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### TESTING SUMMARIES

#### Humans

		WNV	SLEV	WEEV
Human Cases	Week	4	0	0
	YTD	8	0	0

#### Dead Birds

		Number Tested	WNV Positive
Dead Birds	Week	37	15
	YTD	1,069	109

#### Sentinel Chickens

		Number Tested	WNV Positive	SLEV Positive	WEEV Positive
Chicken Sera	Week	165	0	0	0
	YTD	3,258	10	0	0

#### Mosquitoes

		Positive / Total Tested						
Mosquito Pools		WNV	SLEV	WEEV	CHIK	DENV	ZIKA	
		Week	207 / 1,648	6 / 1,430	0 / 1,301	0 / 19	0 / 19	0 / 19
		YTD	770 / 19,719	9 / 18,376	0 / 17,020	0 / 253	0 / 253	0 / 253

### NEW POSITIVES

#### Dead Birds

County	Agency	City	Zip Code	Species	Date Reported	Virus
Los Angeles	Greater Los Angeles Co VCD - SFS	Cerritos	90703	American Crow	7/27/2021	WNV
Los Angeles	San Gabriel Valley MVCD	West Covina	91791	American Crow	7/28/2021	WNV
Los Angeles	San Gabriel Valley MVCD	Pomona	91767	Unknown - Crow or Raven	8/4/2021	WNV
Nevada	Nevada Co Env Health - Nevada City	Penn Valley	95946	American Crow	7/24/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	Yellow-billed Magpie	7/27/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95825	American Crow	7/28/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95825	American Crow	7/29/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Rio Linda	95673	California Scrub-Jay	7/29/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Wilton	95693	California Scrub-Jay	7/30/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Antelope	95843	American Crow	7/30/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	American Crow	7/30/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Antelope	95843	Unknown	7/30/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Sacramento	95820	California Scrub-Jay	8/1/2021	WNV
Sacramento	Sacramento-Yolo MVCD	Carmichael	95608	California Scrub-Jay	8/2/2021	WNV
San Joaquin	San Joaquin Co MVCD	Tracy	95376	American Crow	7/28/2021	WNV

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### Mosquitoes

County	Site Code	Pool #	Species	City	# in Pool	Trap Type	Collected	Virus
Butte	BUCO11	291	Cx. tarsalis	Durham	50	CO2	7/28/2021	WNV
Butte	BUCO11	292	Cx. tarsalis	Durham	50	CO2	7/28/2021	WNV
Butte	BUCO126	283	Cx. tarsalis	Chico	50	CO2	7/27/2021	WNV
Butte	BUCO22	276	Cx. tarsalis	Durham	50	CO2	7/28/2021	WNV
Butte	BUCO29	293	Cx. tarsalis	Durham	50	CO2	7/28/2021	WNV
Butte	BUCO29	296	Cx. tarsalis	Durham	50	CO2	7/28/2021	WNV
Butte	BUCO49	279	Cx. tarsalis	Biggs	50	CO2	7/29/2021	WNV
Butte	BUCO49	280	Cx. tarsalis	Biggs	50	CO2	7/29/2021	WNV
Butte	BUCO49	281	Cx. tarsalis	Biggs	50	CO2	7/29/2021	WNV
Butte	BUCO49	282	Cx. tarsalis	Biggs	50	CO2	7/29/2021	WNV
Butte	BUCO91	274	Cx. tarsalis	Biggs	50	CO2	7/28/2021	WNV
Fresno	CNSL1199	713	Cx. quinquefasciatus	Clovis	21	BGSENT	7/30/2021	WNV
Fresno	CNSL2187	298	Cx. quinquefasciatus	Del Rey	31	GRVD	7/28/2021	SLEV
Fresno	CNSL2266	296	Cx. quinquefasciatus	Sanger	50	GRVD	7/28/2021	WNV
Fresno	CNSL2307	294	Cx. quinquefasciatus	Sanger	46	GRVD	7/27/2021	WNV
Fresno	CNSL2307	295	Cx. stigmatosoma	Sanger	50	GRVD	7/27/2021	WNV
Fresno	CNSL2520	709	Cx. quinquefasciatus	Sanger	50	GRVD	7/29/2021	WNV
Fresno	CNSL3438	302	Cx. quinquefasciatus	Parlier	29	CO2	7/29/2021	WNV
Fresno	CNSL6157	301	Cx. tarsalis	Riverdale	50	CO2	7/28/2021	WNV
Fresno	FRNO257	397	Cx. quinquefasciatus	Fresno	50	GRVD	8/4/2021	WNV
Fresno	FRNO82	390	Cx. quinquefasciatus	Fresno	33	GRVD	8/4/2021	WNV
Fresno	FRWS100007	201	Cx. tarsalis	Dos Palos	50	CO2	8/3/2021	WNV
Fresno	FRWS100016	197	Cx. tarsalis	Firebaugh	50	CO2	7/29/2021	WNV
Fresno	FRWS400022	195	Cx. tarsalis	Firebaugh	12	CO2	7/29/2021	WNV
Fresno	FRWS4102	200	Cx. tarsalis	Tranquillity	46	CO2	8/3/2021	WNV
Fresno	FRWS4104	199	Cx. quinquefasciatus	Kerman	11	GRVD	8/3/2021	WNV
Kern	DLNO26	89	Cx. quinquefasciatus	Delano	29	CO2	7/29/2021	WNV
Kern	DLNO55	87	Cx. quinquefasciatus	McFarland	50	CO2	7/29/2021	WNV
Kern	KERN110	289	Cx. quinquefasciatus	Bakersfield	50	CO2	7/27/2021	WNV
Kern	KERN1137	298	Cx. quinquefasciatus	Rosedale	35	CO2	7/28/2021	WNV
Kern	KERN115	303	Cx. tarsalis	Shafter	47	CO2	7/29/2021	WNV
Kern	KERN2027	300	Cx. quinquefasciatus	Bakersfield	50	GRVD	7/28/2021	WNV
Kern	KERN2040	281	Cx. quinquefasciatus	Arvin	33	GRVD	7/27/2021	WNV
Kern	KERN3004	309	Cx. quinquefasciatus	Bakersfield	50	CO2	7/30/2021	WNV
Kern	KERN3026	295	Cx. quinquefasciatus	Bakersfield	40	CO2	7/27/2021	WNV
Kern	KERN3027	291	Cx. tarsalis	Mettler	40	CO2	7/27/2021	WNV
Kern	KERN3041	301	Cx. tarsalis	Shafter	50	CO2	7/29/2021	WNV
Kern	KERN32	292	Cx. tarsalis	Bakersfield	21	CO2	7/27/2021	WNV
Kern	KERN36	284	Cx. tarsalis	Bakersfield	50	CO2	7/27/2021	WNV
Lake	LAKE294	189	Cx. tarsalis	Soda Bay	22	CO2	7/21/2021	WNV
Los Angeles	GRLA2955	433	Cx. quinquefasciatus	Cerritos	50	GRVD	7/27/2021	WNV
Los Angeles	GRLA3041	434	Cx. quinquefasciatus	Artesia	50	GRVD	7/27/2021	WNV
Los Angeles	GRLA3069	5492	Cx. quinquefasciatus	Los Angeles	50	GRVD	7/28/2021	WNV
Los Angeles	SGVA1000	723	Cx. quinquefasciatus	Azusa	50	GRVD	8/3/2021	WNV
Los Angeles	SGVA1012	711	Cx. quinquefasciatus	South Pasadena	27	GRVD	8/3/2021	WNV
Los Angeles	SGVA1077	701	Cx. quinquefasciatus	West Valinda	50	GRVD	7/29/2021	WNV
Los Angeles	SGVA1106	740	Cx. quinquefasciatus	Walnut	50	GRVD	8/4/2021	WNV
Los Angeles	SGVA1117	702	Cx. quinquefasciatus	West Covina	50	GRVD	7/29/2021	WNV
Los Angeles	SGVA1193	721	Cx. quinquefasciatus	Irwindale	50	GRVD	8/3/2021	WNV
Los Angeles	SGVA1216	707	Cx. quinquefasciatus	Covina	50	GRVD	8/3/2021	WNV
Los Angeles	SGVA1217	708	Cx. quinquefasciatus	Covina	42	GRVD	8/3/2021	WNV
Los Angeles	SGVA15	719	Cx. quinquefasciatus	Glendora	50	GRVD	8/3/2021	WNV
Los Angeles	SGVA25	703	Cx. quinquefasciatus	Baldwin Park	50	GRVD	7/29/2021	WNV
Los Angeles	SGVA286	744	Cx. quinquefasciatus	Baldwin Park	26	GRVD	8/4/2021	WNV

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Los Angeles	SGVA370	747	Cx. quinquefasciatus	South Pasadena	34	GRVD	8/4/2021	WNV
Los Angeles	SGVA458	709	Cx. quinquefasciatus	Charter Oak	13	BGSENT	8/3/2021	WNV
Los Angeles	SGVA477	741	Cx. quinquefasciatus	West Covina	37	GRVD	8/4/2021	WNV
Los Angeles	SGVA64	696	Cx. quinquefasciatus	West Covina	50	GRVD	7/29/2021	WNV
Los Angeles	SGVA64	736	Cx. quinquefasciatus	West Covina	26	GRVD	8/4/2021	WNV
Los Angeles	SGVA686	738	Cx. quinquefasciatus	West Covina	46	GRVD	8/4/2021	WNV
Los Angeles	SGVA688	750	Cx. quinquefasciatus	Alhambra	25	GRVD	8/4/2021	WNV
Los Angeles	SGVA7	712	Cx. quinquefasciatus	Claremont	50	GRVD	8/3/2021	WNV
Los Angeles	SGVA860	699	Cx. quinquefasciatus	Baldwin Park	50	GRVD	7/29/2021	WNV
Los Angeles	SGVA952	715	Cx. quinquefasciatus	San Dimas	50	GRVD	8/3/2021	WNV
Los Angeles	SGVA953	724	Cx. quinquefasciatus	Covina	50	GRVD	8/3/2021	WNV
Madera	MADR1109	225	Cx. tarsalis	Parksdale	50	CO2	7/27/2021	WNV
Madera	MADR178	218	Cx. quinquefasciatus	Madera	50	CO2	7/27/2021	WNV
Madera	MADR189	232	Cx. tarsalis	Firebaugh	50	CO2	7/30/2021	WNV
Madera	MADR189	233	Cx. tarsalis	Firebaugh	50	CO2	7/30/2021	WNV
Madera	MADR227	216	Cx. tarsalis	Parkwood	50	CO2	7/27/2021	WNV
Madera	MADR227	217	Cx. quinquefasciatus	Parkwood	50	CO2	7/27/2021	WNV
Madera	MADR299	223	Cx. tarsalis	Chowchilla	50	CO2	7/27/2021	WNV
Madera	MADR309	207	Cx. tarsalis	Madera	50	CO2	7/22/2021	WNV
Madera	MADR3334	198	Cx. quinquefasciatus	Parkwood	50	CO2	7/20/2021	WNV
Madera	MADR3334	199	Cx. tarsalis	Parkwood	50	CO2	7/20/2021	WNV
Madera	MADR3334	226	Cx. quinquefasciatus	Parkwood	50	CO2	7/27/2021	WNV
Madera	MADR3334	227	Cx. tarsalis	Parkwood	50	CO2	7/27/2021	WNV
Madera	MADR3334	237	Cx. quinquefasciatus	Parkwood	50	CO2	7/27/2021	WNV
Madera	MADR3334	238	Cx. tarsalis	Parkwood	50	CO2	7/27/2021	WNV
Madera	MADR688	200	Cx. tarsalis	Madera	50	CO2	7/21/2021	WNV
Madera	MADR85	236	Cx. quinquefasciatus	Madera	11	CO2	7/29/2021	WNV
Merced	MERC201721	289	Cx. pipiens	Cressey	50	CO2	8/3/2021	WNV
Orange	ORCO1008	2585	Cx. quinquefasciatus	Fullerton	27	GRVD	8/3/2021	WNV
Orange	ORCO342	2629	Cx. quinquefasciatus	Fullerton	23	GRVD	8/3/2021	WNV
Placer	PLCR1113	1129	Cx. tarsalis	Roseville	50	CO2	8/3/2021	WNV
Placer	PLCR1113	1130	Cx. tarsalis	Roseville	37	CO2	8/3/2021	WNV
Placer	PLCR1114	1174	Cx. tarsalis	Sheridan	50	CO2	8/4/2021	WNV
Placer	PLCR1114	1176	Cx. tarsalis	Sheridan	50	CO2	8/4/2021	WNV
Placer	PLCR191218	1158	Cx. tarsalis	Roseville	50	CO2	8/4/2021	WNV
Placer	PLCR197802	1116	Cx. tarsalis	Roseville	50	CO2	8/3/2021	WNV
Placer	PLCR197802	1117	Cx. tarsalis	Roseville	50	CO2	8/3/2021	WNV
Placer	PLCR197802	1119	Cx. tarsalis	Roseville	50	CO2	8/3/2021	WNV
Placer	PLCR25	1151	Cx. tarsalis	Sheridan	50	CO2	8/3/2021	WNV
Placer	PLCR993822	1202	Cx. tarsalis	Roseville	39	CO2	8/5/2021	WNV
Riverside	COAV121	2790	Cx. tarsalis	Mecca	50	CO2	7/28/2021	WNV
Riverside	COAV122	2808	Cx. tarsalis	Mecca	26	CO2	7/28/2021	SLEV
Riverside	COAV123	2788	Cx. tarsalis	Mecca	50	CO2	7/28/2021	SLEV
Riverside	COAV123	2788	Cx. tarsalis	Mecca	50	CO2	7/28/2021	WNV
Riverside	COAV131	2890	Cx. tarsalis	Oasis	5	CO2	8/3/2021	WNV
Riverside	COAV33	2915	Cx. tarsalis	Oasis	24	CO2	8/3/2021	WNV
Riverside	COAV35	2913	Cx. tarsalis	Oasis	50	CO2	8/3/2021	WNV
Riverside	COAV35	2914	Cx. tarsalis	Oasis	50	CO2	8/3/2021	WNV
Riverside	COAV420	2795	Cx. quinquefasciatus	La Quinta	7	GRVD	7/28/2021	WNV
Riverside	COAV45	2792	Cx. tarsalis	Mecca	50	CO2	7/28/2021	SLEV
Riverside	COAV45	2793	Cx. tarsalis	Mecca	35	CO2	7/28/2021	WNV
Riverside	COAV46	2805	Cx. tarsalis	Mecca	34	CO2	7/28/2021	SLEV
Riverside	COAV55	2804	Cx. tarsalis	Mecca	12	CO2	7/28/2021	SLEV
Riverside	COAV55	2804	Cx. tarsalis	Mecca	12	CO2	7/28/2021	WNV
Riverside	COAV57	2802	Cx. tarsalis	North Shore	28	CO2	7/28/2021	WNV
Riverside	COAV611	2815	Cx. tarsalis	Oasis	50	CO2	7/28/2021	WNV
Riverside	COAV611	2816	Cx. tarsalis	Oasis	50	CO2	7/28/2021	WNV
Riverside	NWST165	79	Cx. quinquefasciatus	Riverside	47	BGSENT	7/28/2021	WNV
Sacramento	SAYO204020	3095	Cx. tarsalis	Foothill Farms	24	CO2	8/3/2021	WNV

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Sacramento	SAYO212033	3118	Cx. tarsalis	Sacramento	41	CO2	8/3/2021	WNV
Sacramento	SAYO214011	2945	Cx. tarsalis	Fair Oaks	6	CO2	7/30/2021	WNV
Sacramento	SAYO214056	2842	Cx. pipiens	Carmichael	29	GRVD	7/29/2021	WNV
Sacramento	SAYO243026	2960	Cx. pipiens	Elk Grove	37	CO2	7/30/2021	WNV
San Joaquin	SJCM2472	1303	Cx. tarsalis	Stockton	12	CO2	8/5/2021	WNV
San Joaquin	SJCM2526	1302	Cx. tarsalis	Stockton	5	CO2	8/5/2021	WNV
San Joaquin	SJCM8000	1271	Cx. pipiens	Manteca	37	CO2	8/3/2021	WNV
San Joaquin	SJCM8008	1243	Cx. tarsalis		50	CO2	8/3/2021	WNV
San Joaquin	SJCM8008	1245	Cx. pipiens		20	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1208	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1209	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1210	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1211	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1212	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1213	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1214	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1215	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1216	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8018	1217	Cx. tarsalis	Stockton	100	CO2	8/3/2021	WNV
San Joaquin	SJCM8027	1253	Cx. tarsalis	Stockton	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8029	1317	Cx. pipiens	Farmington	31	CO2	8/5/2021	WNV
San Joaquin	SJCM8111	1272	Cx. tarsalis	Stockton	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8111	1273	Cx. pipiens	Stockton	46	CO2	8/3/2021	WNV
San Joaquin	SJCM8111	1274	Cx. pipiens	Stockton	14	CO2	8/3/2021	WNV
San Joaquin	SJCM8199	1295	Cx. tarsalis	Manteca	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8199	1296	Cx. tarsalis	Manteca	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8199	1297	Cx. tarsalis	Manteca	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8199	1298	Cx. tarsalis	Manteca	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8199	1300	Cx. pipiens	Manteca	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8202	1250	Cx. pipiens	Tracy	7	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1226	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1227	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1228	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1229	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1230	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1231	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1232	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1233	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1234	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1235	Cx. tarsalis	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1236	Cx. tarsalis	Lodi	46	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1237	Cx. pipiens	Lodi	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8206	1238	Cx. pipiens	Lodi	21	CO2	8/3/2021	WNV
San Joaquin	SJCM8208	1318	Cx. tarsalis	Lockeford	50	CO2	8/5/2021	WNV
San Joaquin	SJCM8208	1319	Cx. tarsalis	Lockeford	50	CO2	8/5/2021	WNV
San Joaquin	SJCM8208	1320	Cx. tarsalis	Lockeford	50	CO2	8/5/2021	WNV
San Joaquin	SJCM8209	1313	Cx. pipiens	Lockeford	37	CO2	8/5/2021	WNV
San Joaquin	SJCM8219	1246	Cx. tarsalis	Stockton	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8228	1289	Cx. tarsalis	Escalon	11	CO2	8/3/2021	WNV
San Joaquin	SJCM8228	1290	Cx. tarsalis	Escalon	50	CO2	8/3/2021	WNV
San Joaquin	SJCM8235	1269	Cx. pipiens	Escalon	38	CO2	8/3/2021	WNV
Shasta	SHAS110	406	Cx. tarsalis	Redding	22	CO2	7/29/2021	WNV
Shasta	SHAS242	407	Cx. tarsalis	Cottonwood	15	CO2	7/29/2021	WNV
Shasta	SHAS346	417	Cx. tarsalis	Anderson	18	CO2	8/4/2021	WNV
Solano	SOLA100004	163	Cx. tarsalis	UC Davis	50	CO2	7/30/2021	WNV
Solano	SOLA100004	164	Cx. tarsalis	UC Davis	50	CO2	7/30/2021	WNV
Stanislaus	EAST1007	21190	Cx. tarsalis		50	CO2	7/27/2021	WNV
Stanislaus	EAST1009	21189	Cx. tarsalis	Ripon	14	CO2	7/27/2021	WNV
Stanislaus	EAST1046	21195	Cx. pipiens	Modesto	20	GRVD	7/28/2021	WNV

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Stanislaus	EAST2014	21188	Cx. pipiens	Modesto	13	CO2	7/27/2021	WNV
Stanislaus	EAST2023	21194	Cx. pipiens	Modesto	32	CO2	7/28/2021	WNV
Stanislaus	TRLK1310	560	Cx. pipiens	Hughson	10	CO2	8/3/2021	WNV
Stanislaus	TRLK17131	565	Cx. pipiens	Turlock	29	CO2	8/3/2021	WNV
Stanislaus	TRLK17152	542	Cx. pipiens	Denair	50	CO2	7/29/2021	WNV
Stanislaus	TRLK17152	544	Cx. pipiens	Denair	50	CO2	7/29/2021	WNV
Stanislaus	TRLK17152	588	Cx. pipiens	Denair	50	CO2	8/3/2021	WNV
Stanislaus	TRLK17152	590	Cx. pipiens	Denair	50	CO2	8/3/2021	WNV
Stanislaus	TRLK18181	599	Cx. pipiens	Hickman	15	CO2	8/3/2021	WNV
Stanislaus	TRLK1835	600	Cx. pipiens	Hickman	45	CO2	8/3/2021	WNV
Stanislaus	TRLK1904	566	Cx. pipiens	Turlock	19	CO2	8/3/2021	WNV
Stanislaus	TRLK1906	602	Cx. pipiens	Waterford	50	CO2	8/3/2021	WNV
Stanislaus	TRLK19164	549	Cx. pipiens	Denair	50	CO2	7/29/2021	WNV
Stanislaus	TRLK19164	550	Cx. pipiens	Denair	50	CO2	7/29/2021	WNV
Stanislaus	TRLK19164	551	Cx. pipiens	Denair	50	CO2	7/29/2021	WNV
Stanislaus	TRLK21135	533	Cx. pipiens	Turlock	50	CO2	7/29/2021	WNV
Stanislaus	TRLK432	570	Cx. pipiens	Turlock	50	CO2	8/3/2021	WNV
Stanislaus	TRLK432	572	Cx. pipiens	Turlock	50	CO2	8/3/2021	WNV
Stanislaus	TRLK432	573	Cx. tarsalis	Turlock	50	CO2	8/3/2021	WNV
Stanislaus	TRLK526	576	Cx. pipiens	Denair	50	CO2	8/3/2021	WNV
Stanislaus	TRLK526	579	Cx. pipiens	Denair	50	CO2	8/3/2021	WNV
Stanislaus	TRLK526	584	Cx. tarsalis	Denair	50	CO2	8/3/2021	WNV
Stanislaus	TRLK526	586	Cx. tarsalis	Denair	30	CO2	8/3/2021	WNV
Tulare	DLNO145	91	Cx. tarsalis	Earlimart	50	CO2	7/29/2021	WNV
Tulare	DLNO71	90	Cx. quinquefasciatus	Delano	50	CO2	7/29/2021	WNV
Tulare	DLNO96	86	Cx. quinquefasciatus	Earlimart	50	CO2	7/29/2021	WNV
Tulare	DLTA740813	1089	Cx. tarsalis	London	50	CO2	8/5/2021	WNV
Tulare	DLTA741443	1078	Cx. tarsalis	Monson	33	CO2	8/5/2021	WNV
Tulare	DLTA8413	1065	Cx. quinquefasciatus	Visalia	32	BGSENT	8/4/2021	WNV
Tulare	TLRE192412	157	Cx. quinquefasciatus	Visalia	22	GRVD	7/30/2021	WNV
Tulare	TLRE192434	126	Cx. quinquefasciatus	Tulare	32	GRVD	7/27/2021	WNV
Tulare	TLRE192435	127	Cx. quinquefasciatus	Tulare	50	GRVD	7/27/2021	WNV
Tulare	TLRE202401	139	Cx. quinquefasciatus	Tulare	22	GRVD	7/28/2021	WNV
Tulare	TLRE202409	137	Cx. quinquefasciatus	Tulare	50	GRVD	7/28/2021	WNV
Tulare	TLRE202410	136	Cx. quinquefasciatus	Tulare	50	GRVD	7/28/2021	WNV
Tulare	TLRE212531	149	Cx. quinquefasciatus	Tipton	50	GRVD	7/30/2021	WNV
Tulare	TLRE212531	150	Cx. quinquefasciatus	Tipton	50	GRVD	7/30/2021	WNV
Tulare	TLRE212634	147	Cx. quinquefasciatus	Poplar-Cotton Center	50	GRVD	7/30/2021	WNV
Tulare	TLRE222532	153	Cx. quinquefasciatus	Pixley	50	GRVD	7/30/2021	WNV
Yolo	SAYO115008	3076	Cx. tarsalis	Yolo	50	CO2	8/3/2021	WNV
Yolo	SAYO115008	3077	Cx. tarsalis	Yolo	50	CO2	8/3/2021	WNV

## 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).

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### **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.

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### **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.

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### **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.

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*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 Tina Feiszli: [Tina.Feiszli@cdph.ca.gov](mailto:Tina.Feiszli@cdph.ca.gov).*

## **6. Fiscal Budget Amended**



2021-22 Fiscal Year Budget				
CATEGORY	19/20	20/21	Actual 20/21	Proposed Budget 21/22
Wages & Benefits	Expense	Budget	Expense	Budget
MANAGER	215,183.00	153,750.00	153,750.00	160,668.75
ASSISTANT MANAGER	35,000.00	107,625.00	107,625.00	112,468.13
SCIENTIFIC PROGRAM MANAGER	62,885.92	48,354.38	64,472.48	101,060.64
OPERATIONS PROGRAM MANAGER	0.00	0.00	32,391.24	97,692.00
SR FOREMAN	94,328.88	94,328.88	90,927.70	92,384.53
BIOLOGIST	87,823.44	90,020.63	61,688.28	0.00
BIOLOGIST	87,823.44	90,020.63	70,400.96	86,624.24
BIOLOGIST	87,823.44	90,020.63	90,020.64	94,071.55
BIOLOGIST	5,854.89	72,016.56	72,391.64	80,352.77
SYSTEMS ADMINISTRATOR	87,823.44	90,020.63	75,594.67	0.00
FOREMAN	63,662.60	0.00	0.00	0.00
ADMIN. ASSISTANT	78,065.28	80,026.88	80,026.92	88,448.15
ADMIN. ANALYST	28,144.25	64,625.04	64,625.04	71,505.72
EDUCATION & OUTREACH COORDINATOR	0.00	0.00	0.00	67,535.16
V.C. SUPERVISOR	71,559.84	73,415.63	73,415.64	76,719.33
V.C. TECHNICIAN III/ MECHANIC	166,147.24	190,722.52	152,353.76	120,276.36
V.C. TECHNICIAN III	119,617.16	66,727.50	66,727.56	69,730.24
WAGES PERM	1,291,742.82	1,311,674.91	1,256,411.53	1,319,537.57
LONGEVITY	62,615.28	45,629.48	33,849.43	27,522.56
ASE CERTIF	23,336.54	28,500.00	21,250.00	19,500.00
OVER-TIME	10,229.79	10,000.00	3,621.93	5,000.00
TRUSTEE PAYROLL	6,700.00	8,400.00	7,200.00	8,400.00
V.C. TECHNICIAN II (2)	62,875.61	87,598.00	89,941.79	135,571.60
V.C. TECHNICIAN I (17)	189,994.33	297,073.67	210,506.00	303,295.49
TOTAL WAGES	1,647,494.37	1,788,876.06	1,622,780.68	1,818,827.22
MEDICAL - CALPERS	245,454.00	263,042.68	233,781.18	278,828.33
LTD/STD/DENT/ VSP/LTC	37,312.16	38,726.59	31,151.60	38,835.27
ICMA	8,881.56	0.00	0.00	0.00
SOC SEC	127,571.30	136,559.22	125,300.90	139,140.28
UNEMPLOYMENT	16,485.50	18,662.00	15,145.61	19,530.00
RETIREMENT - PERS 14.54% (PEPRA 7.59%)	151,804.94	159,746.45	140,476.28	144,325.96
RETIREMENT - PERS UAL	116,672.00	132,655.00	132,655.00	160,017.00
WRKRS' COMP	61,932.00	71,320.00	71,079.00	84,383.00
OPEB	31,978.00	0.00	0.00	0.00
BENEFITS	798,091.46	820,711.94	749,589.57	865,059.84
TOTAL WAGES & BENEFITS	2,445,585.83	2,609,588.00	2,372,370.25	2,683,887.06
Services and Supplies				
CHEMICALS	260,778.20	201,500.00	168,130.79	200,000.00
CLOTHING	5,188.15	7,000.00	9,486.90	8,000.00
LAB SUPPLIES	47,709.66	63,000.00	55,951.44	99,000.00
FISH SUPPLIES	0.00	2,000.00	2,447.78	5,000.00
OPERATIONAL SUPPLIES	2,492.54	2,000.00	2,184.32	2,500.00
JANITORIAL SUPPLIES	1,831.80	2,000.00	2,050.59	3,250.00
MAINT CONTRACT	6,166.91	5,000.00	16,198.54	27,800.00
BUILDING & YARD	9,809.31	13,000.00	19,270.47	55,000.00
AUTO SUPPI/MAINT	30,000.15	24,000.00	22,757.20	20,000.00
GASOLINE	43,896.72	50,000.00	41,866.18	62,000.00
UTILITIES	23,309.86	23,500.00	28,740.32	32,000.00
GPS	6,476.76	6,600.00	6,980.52	7,920.00
TELEPHONE	16,065.43	16,325.00	19,024.42	19,250.00
LIABILITY	48,536.00	59,446.76	59,446.76	77,899.00
OFF SUPPL	5,945.41	10,000.00	11,052.07	25,175.00
TRAVEL EXP	19,417.69	34,073.00	4,540.86	30,601.50
DUES	17,627.00	19,750.00	19,234.00	19,500.00
SAFETY SUPPLIES	3,838.04	4,000.00	3,363.54	4,500.00
SUBSCRIPTIONS	15,943.18	19,050.00	55,019.61	31,550.00
ADVERTISEMENTS	0.00	0.00	0.00	2,000.00
CONT EDUC	3,494.96	4,400.00	4,003.00	4,400.00
PROF SERV	68,003.83	52,000.00	73,857.74	199,750.00
PUBLIC RELATIONS	45,310.72	50,000.00	37,169.60	40,000.00
TAX ADMIN FEE	61,996.00	63,550.00	61,380.00	63,550.00
MISC	19,821.51	5,000.00	6,729.73	5,000.00
NAME, LOGO & CELEBRATION	0.00	0.00	0.00	20,000.00
TOTAL SERVICE/SUPPLIES	763,659.83	737,194.76	730,886.38	1,065,645.50
Other Charges - Long Term Debt				
Lease Payment		113,818.89	113,818.89	117,828.06
TOTAL Other Charges	0.00	113,818.89	113,818.89	117,828.06
Building Improvements				
Building Project	94,483.72		164,275.70	
Solar				
Fence and Gates		35,000.00		
Fish Tanks		31,387.44	31,618.10	
Roof Repair		60,000.00	46,170.00	
TOTAL BUILDING IMPROVEMENTS	94,483.72	126,387.44	242,063.80	0.00
Capital Items				
SHOP EQUIP	3,347.65			2,170.00
SPRAY EQUIPMENT	30,693.53		2,432.00	
LAB EQUIP	7,856.40	7,414.00	7,333.74	55,580.00
VEHICLES				52,042.16
TOTAL CAPITAL	41,897.58	7,414.00	9,765.74	109,792.16
Total Working Budget	3,345,626.96	3,594,403.09	3,468,905.06	3,977,152.78
		carry over	125,498.03	

### Balance Sheet

		Actual	Actual	Actual	Actual	Actual	Budget
		16/17	17/18	18/19	19/20	20/21	21/22
	Revenue	2,731,495.49	3,491,042.13	3,002,488.58	4,017,788.16	3,273,792.40	4,072,575.30
	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
		7,231,362.96	7,844,800.99	6,743,193.38	7,858,414.25	7,783,139.91	8,386,810.15
	Expenditures	2,877,604.10	4,104,096.19	2,902,567.29	3,349,066.74	3,468,905.06	3,977,152.78
	Ending Balance	4,353,758.86	3,740,704.80	3,840,626.09	4,509,347.51	4,314,234.85	4,409,657.37
		7,231,362.96	7,844,800.99	6,743,193.38	7,858,414.25	7,783,139.91	8,386,810.15
	Assessment Reserve	332,665.83	-385,582.71	-382,459.70	0.00	0.00	951,898.00
	Contingencies	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
	District Reserve	3,896,093.03	4,001,287.51	4,098,085.79	4,384,347.51	4,189,234.85	3,332,759.37
	Revenue	<b>16/17</b>	<b>17/18</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>	<b>21/22</b>
4001	Current Secured	1,961,142.15	2,083,840.47	2,171,766.69	2,257,053.85	2,402,921.80	2,453,100.00
4006	Current Unsecured	112,900.84	123,819.25	130,159.41	136,629.87	146,449.06	147,112.28
4060	RDA Residuals	72,330.00	77,281.00	85,423.00	99,317.00	172,907.00	50,000.00
4075	RD H&S 34188 SA	2,096.16	0.00	1,133.00	1,068.00	940.85	568.02
4008	Prior Secured	40,877.19	40,880.95	41,151.41	41,143.56	48,722.45	42,402.00
4009	Prior Unsecured	2,322.84	3,761.94	1,964.18	2,283.14	1,622.25	1,818.00
4030	Supplemental Cur Sec	27,213.91	39,030.05	42,998.86	45,451.63	50,547.05	40,000.00
4033	Supplemental Prior	4,267.34	4,109.55	6,013.29	8,739.77	11,678.58	10,000.00
4052	Assessment	160,275.88	815,069.29	141,263.01	976,859.88	17,758.88	1,023,546.00
5050	Prop Tax Relief	19,720.46	19,470.42	19,406.96	18,785.97	18,374.90	18,644.00
4801	Interest	52,023.03	52,811.20	71,855.74	96,476.92	63,561.31	63,000.00
5835	Other Revenue	0.00	0.00	0.00	0.00	755.00	0.00
4069	RDA Pass Thru	243,383.00	236,641.00	255,019.00	277,496.00	294,033.00	294,033.00
5400	Current Services	4,301.96	3,667.92	5,080.96	6,952.91	8,750.25	0.00
5401	Assessment Fee	-7,180.00	-58,634.00	-5,821.00	-69,765.00	-96.07	-71,648.00
5805	Misc	35,820.73	49,293.09	35,074.07	119,294.66	34,866.09	0.00
		2,731,495.49	3,491,042.13	3,002,488.58	4,017,788.16	3,273,792.40	4,072,575.30
	Carry Over	<b>15/16</b>	<b>16/17</b>	<b>17/18</b>	<b>18/19</b>	<b>19/20</b>	<b>20/21</b>
	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
	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
	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
	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

83.8%

## 2021/2022 BUDGET SUMMARY

The Budget Summary explains in detail the budgeted line items for fiscal year 2021/2022. 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 4.5% increase for Urban Wage Earners and Clerical Workers over the last 12 months (See: Consumer Price Index, Page 7). The Budget has a 4.5% COLA increase for all full-time employees. (See: Salary Schedule, Page 8). 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. **The budget also includes a 3% merit increase for the Administrative Assistant.** Seasonal employees will have a minimum wage increase to \$15.00/hour effective January 1, 2022. Due to this minimum wage increase, the Certified Vector Control Technician I position will have an increase to \$17.60/hour.

Staffing: The Vector Control Technician I position will have 18 positions filled. The Vector Control Technician II position will add one employee in April 2022 to have 4 positions filled, for a total of 22 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 3 positions filled, and one vacancy. The budget reflects the anticipated hiring of a Community Education and Outreach Coordinator for a July 1, 2021 start date. All 8 remaining full-time positions will have one incumbent for a total of 15 full-time employees (See: Chain of Command, Page 9).

Budgeted Wages will increase by 1.67%, \$29,951.16; \$1,818,827.22 in 2021/22.

### Benefits

*Health Insurance* premiums are budgeted for a 10% increase effective January 2022 through December 2022 at the PERS Choice funding level. This is a best guess because the normal preliminary numbers that are provided in May will not be available until June at the earliest this year. District budgeted expenses will increase by 6.00%, \$15,785.65; \$278,828.33.

*LTD/STD/DENT/VSP/LTC* premiums are collectively budgeted for a 5% increase effective January 2022 through December 2022; District budgeted expenses will increase by 0.28%, \$108.68; \$38,835.27.

*Social Security* will increase by 1.89% \$2,581.06; \$139,140.28 and *Unemployment* will increase by 4.65%, \$868.00; \$19,530.

*CalPERS* retirement premium will decrease by 9.65%, \$15,420.49; \$144,325.96 (14.54% Classic and 7.59% PEPRA of covered payroll)

*CalPERS UAL* will increase by 20.63%, \$27,362.00; \$160,017.00.

*Workers Compensation* will increase by 18.32%, \$13,063.00; \$84,383.00. Our X-Modification for the year is 0.976%.

*OPEB* Trust Fund will not have a contribution to the fund in 2021/22.

Benefits will increase by 5.4%, \$44,347.90; \$865,059.84 in 2021/22.

## Services/Supplies

The services and supplies requiring funding increase/decrease for the 2021/22 fiscal year:

Please note that following advice from the auditors, capital items shall only be items costing \$1,000.00 or more. Therefore, some budget lines have a small increase for non-capital one-time purchases.

*Chemicals* will decrease by 0.74%, \$1,500.00; \$200,000.00 keeping with normal expenditure levels. (See: Chemical Purchases, Page 10).

*Clothing* will increase by 14.29%, \$1,000.00; \$8,000.00 due to increased seasonal staff.

*Lab Supplies* will increase by 57.14%, \$36,000.00; \$99,000.00 due to the addition of funding necessary for CDZ (Chikungunya, Dengue, Zika) testing of samples, pesticide resistance testing, and non-capital one-time purchases. (See: Lab Expenses, Page 11).

*Fish Supplies* will increase by 150.00%, \$3,000.00; \$5,000 to fund the operational expenses of the new fish hatchery (See: Fish Supplies, Page 12).

*Janitorial Supplies* will increase 62.50%, \$1,250.00; \$3,250.00 due to inclusion of cleaning supplies.

*Building & Yard* will increase by 323.08%, \$42,000.00; \$55,000.00 due in large part to necessary sewer line repairs in wash bay (\$32,000.00).

*Auto Supply/Maintenance* will decrease by 16.67%, \$4,000.00; \$20,000.00 keeping with normal expenditure levels.

*Gasoline* will increase by 24.00%, \$12,000.00; \$62,000.00 allowing for 12,739 gallons of unleaded at \$4.50 per/gallon and 1,057 gallons of diesel at \$4.50 per/gallon.

*Utilities* will increase by 36.17%, \$8,500.00; \$32,000.00 due to new fish hatchery energy consumption.

*Liability* will increase by 31.04%, \$18,452.24; \$77,899.00 as part of the JPA Equity Building 5-year plan. There was a rate increase driven by the insurance market as well.

*Office Supplies* will increase by 151.75%, \$15,175.00; \$25,175.00 increasing to help new office personnel finish making necessary purchases and including non-capital one-time purchases such as new computers and printers (See: Office Supplies, Page 13).

*Travel Expenses* will decrease by 10.19%, \$3,471.50; \$30,601.50 (See: Travel Schedule, Page 14).

*Dues* will decrease by 1.27%, \$250.00; \$19,500.00 keeping with normal expenditure levels.

*Subscriptions* will increase by 65.62%, \$12,500.00; \$31,550.00 due to implementation of Field Seeker Data Collection.

*Professional Services* will increase by 284.13%, \$147,750.00; \$199,750.00 due to agreement with SCI to perform the Benefit Assessment.

*Public Relations* will decrease by 20.00%, \$10,000.00; \$40,000.00 keeping with normal expenditure levels.

*Name, Logo & 100-Year Celebration* \$20,000 is a new line item for charges necessary to implement the District name update as well as planning a 100-year celebration.

**Total Services and Supplies will increase by 44.55%, \$328,450.74; \$1,065,645.50.**

**Long Term Debt**

CSDA Financing for Fish Hatchery and Offices (See: Schedule of Lease Payments, Page 15).

**Capital** (See: Page 16)

Shop Equipment -	\$ 2,170.00
Lab Equipment -	\$55,580.00
Vehicles -	\$52,042.16

**Total Budget**

**The 2020/21 Budget will increase by 10.65%, \$3,977,152.78. Revenue is projected to be \$4,072,575.30, which includes Assessment amount of \$1,023,546.00**

**The Unallocated General Reserve has been set at \$3,332,759.37 (83.8% 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 \$951,898.00**

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

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

**2021/22 Salary Schedule 4.5% COLA**

	1	2	3	4	5	Monthly	
Manager					\$13,389.06		\$160,668.75
Assistant Manager	\$7,497.88	\$7,966.49	\$8,435.11	\$8,903.73	\$9,372.34	70.00%	\$112,468.13
Scientific Program Manager	\$6,737.38	\$7,158.46	\$7,579.55	\$8,000.63	\$8,421.72	62.90%	\$101,060.64
Systems Admin.	\$6,271.44	\$6,663.40	\$7,055.37	\$7,447.33	\$7,839.30	58.55%	\$94,071.55
Biologist	\$6,271.44	\$6,663.40	\$7,055.37	\$7,447.33	\$7,839.30	58.55%	\$94,071.55
Foreman	\$6,158.97	\$6,543.90	\$6,928.84	\$7,313.78	\$7,698.71	57.50%	\$92,384.53
<b>Administrative Assist.*</b>	<b>\$5,896.54</b>	<b>\$6,265.08</b>	<b>\$6,633.61</b>	<b>\$7,002.14</b>	<b>\$7,370.68</b>	<b>55.05%</b>	<b>\$88,448.15</b>
Community Education and Outreach Coordinator	\$5,457.38	\$5,798.47	\$6,139.55	\$6,480.64	\$6,821.73	50.95%	\$81,860.73
Administrative Analyst	\$5,296.71	\$5,627.76	\$5,958.80	\$6,289.85	\$6,620.89	49.45%	\$79,450.70
V.C. Supervisor	\$5,114.62	\$5,434.29	\$5,753.95	\$6,073.61	\$6,393.28	47.75%	\$76,719.33
V.C. Tech III	\$4,648.68	\$4,939.23	\$5,229.77	\$5,520.31	\$5,810.85	43.40%	\$69,730.24
V.C. Tech III/ Mechanic	\$4,648.68	\$4,939.23	\$5,229.77	\$5,520.31	\$5,810.85	43.40%	\$69,730.24

	1	2	3	4	5	Hourly - Paid Bi-Weekly
C.V.C. Technician II	\$26.82	\$28.50	\$30.17	\$31.85	\$33.52	
C.V.C. Technician I	\$15.20	\$16.15	\$17.10	\$18.05	\$19.00	
Lab Tech I/ VCT Tech I	\$14.00	\$14.88	\$15.75	\$16.63	\$17.50	

Longevity Step	
10 years	5% above current step
20 years	10% above current step
30 years	15% above current step

**\*Previously 52.05%**

## **7. Closed Session Case Review/Planning**

Section 54956.9 of Division 3.6 of Title 1 of the Government Code.

## **8. Adjournment**

Adjourn the meeting of the Board of Trustees to reconvene on Wednesday, September 8, 2021 at 4:30 p.m. in the Delta Vector Control District Boardroom, 1737 W. Houston Ave., Visalia, CA.