

**PLACER MOSQUITO & VECTOR CONTROL DISTRICT**  
**BOARD OF TRUSTEES**  
2021 Opportunity Drive  
Roseville, CA 95678  
**REGULAR BOARD MEETING**  
**AGENDA**

**October 16, 2023, 4:30 PM**

[www.placermosquito.org](http://www.placermosquito.org)

Pursuant to Governor Newsom's Executive Order N-25-20 and N-33-20, this meeting will be conducted via teleconference. In the interest of maintaining appropriate social distancing, the Board encourages the public to participate by calling (408) 638-0968 and when prompted, enter the Meeting ID: 834 6370 3346 or

<https://us06web.zoom.us/j/83463703346?pwd=ZRCvpaUmlwED3tiPfHssjdj42MEPZr.1>

Board of Trustees

Rachel Radell-Harris  
City of Auburn

Will Stockwin  
City of Colfax

Peter Gilbert  
City of Lincoln

Russ Kelley  
Town of Loomis

Merry L. Holliday-  
Hanson, Ph.D.  
Placer County

Jill Gayaldo  
City of Rocklin

Ross Hutchings  
City of Roseville

General Manager  
Joel Buettner

**1 Call to Order**

**2 Roll Call**

**3 Pledge of Allegiance**

**4 Agenda Review**

**5 Public Comment**

*Members of the public shall be allowed to address the Board of Trustees on items which are of interest to public and which are within the jurisdiction of the Board, before or during the Board's consideration of the item; however, no action shall be taken on any item not appearing on the agenda unless otherwise authorized by the Board pursuant to Government Code Section 54954.2(b). It is requested that comments be limited to no more than 5 minutes.*

**6 Consent Agenda – Action item**

- |     |   |
|-----|---|
| 3-4 | A. Minutes of the September 18, 2023, Regular Board Meeting |
| 5-6 | B. Acknowledge Warrants Issued September 2023               |
| 7-9 | C. Financial Report: Fiscal Year to Date September 30, 2023 |

11	<b>7 Board Review and Consideration to Add a Lead Vector Control Technician Position – Action item</b>
----	--

**8 Staff Reports**

- |       |  |
|-------|--|
| 13-15 | A. Eastern Placer Report – Angella Falco                   |
| 17-19 | B. Public Information and Outreach Report – Meagan Luevano |
| 21    | C. Field Operations and Surveillance Report – Jake Hartle  |
|       | D. General Manager's Report – Joel Buettner                |

**9 Board/Staff General Discussion**

**10 Announcements**

- A. The District office will be closed November 10, 2023 in observance of the Veterans Day Holiday.
- B. The next regular Board meeting will be held November 20, 2023, at 4:30 PM at 2021 Opportunity Drive., Roseville, CA 95678

## **11 Adjournment**

*In compliance with the Americans with Disabilities Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District at (888) 768-2343, fax (916) 380-5455, and/or send e-mail to [info@placermosquito.org](mailto:info@placermosquito.org). Requests must be made as early as possible and at least one-full business day before the start of the meeting. Documents and materials relating to an open session agenda item that are provided to the PMVCD Board less than 72 hours prior to a meeting will be available for public inspection and copying at 2021 Opportunity Drive, Roseville, CA 95678.*

Placer Mosquito & Vector Control District  
Board of Trustees Regular Board Meeting – Minutes  
September 18, 2023 4:30 PM  
Placer Mosquito & Vector Control District Office  
2021 Opportunity Drive, Roseville, CA 95678

Pursuant to Governor Newsom’s Executive Order N-25-20 and N-33-20, this meeting will be conducted via teleconference. In the interest of maintaining appropriate social distancing, the Board encourages the public to participate by calling 834 5868 9524 and when prompted, enter the Meeting ID: 861 6588 7951 or <https://us06web.zoom.us/j/83458689524?pwd=S3ROUktSSGpmNmhSbFICS1RHdzhudz09>

1. **Call to Order:** President Gayaldo called the meeting to order at 4:30 PM.
2. **Board Review and Consideration to Approve a “Just Cause” Request by Trustee Rachel Radell-Harris to Participate Remotely**  
A motion to Approve a “Just Cause” request by Trustee Rachel Radell-Harris to participate remotely, it is noted that a quorum of the Board of Trustees was attending the meeting in person.  
  
*A motion to approve the “just cause” situation and approve Trustee Radell-Harris to participate via Zoom and accept the agenda as presented was made by Trustee Gilbert seconded by Trustee Stockwin, approved by roll call vote.*  
*Ayes: Trustees Gayaldo, Gilbert, Holliday-Hanson, Kelley, Stockwin and Randell-Harris*  
*Noes: ∅                                      Abstain: ∅                                      Absent:*
3. **Roll Call:** Trustees Jill Gayaldo, Peter Gilbert, Merry Holliday-Hanson, Russ Kelley and Will Stockwin were present.  
**District Employees Present:** Manager Joel Buettner, Jake Hartle, Isabel Alvarez, Nikki Rockwell and Meagan Luevano.
4. **Pledge of Allegiance** was led by Trustee Gayaldo.
5. **Introduction of Guests:** There were none.
6. **Agenda Review:** The Board accepted the agenda as presented.
7. **Public Comment:** There were none.  
  
*Trustee Hutchings arrived @ 4:38 PM*
8. **Consent Agenda**  
*Trustee Gayaldo requested to pull Item D. Board Review and Consideration to Accept the Updated Driver and Vehicle Use Program Policies from the consent agenda for further discussion.*  
  
*A motion to approve the following was made by Trustee Gilbert seconded by Trustee Stockwin, unanimously approved, no abstentions.*  
*Ayes: Trustees Gayaldo, Gilbert, Holliday-Hanson, Hutchings, Kelley, Radell-Harris and Stockwin*  
*Noes: ∅                                      Abstain: ∅                                      Absent: ∅*  
  
*A. Minutes of the August 21, 2023, Regular Board Meeting.*  
*B. Acknowledge Warrants issued August 2023*  
*C. Financial Report: Fiscal Year to Date August 31, 2023*

*Trustee Gayaldo voiced concern that the consequences for and definition of an unacceptable driving record was too lenient. Manager Buettner stated that he would review the language and bring it back for consideration at a future board meeting. There was a consensus to table Item D. Board Review and Consideration to Accept the Updated Driver and Vehicle Use Program Policies for a future Board meeting.*

**9. Staff Reports**

- A. Eastern Placer Report – Jake Hartle gave a verbal update.
- B. Public Information and Outreach Report – A written report was submitted. No additional items were reported.
- C. Field Operations and Surveillance Report – A written report was submitted. No additional items were reported.
- D. General Manager Report – A written report was submitted. No additional items were reported.

**10. Board/Staff General Discussion:**

Ms. Alvarez announced that five Trustees' terms are ending in December. She will prepare Board recommendation letters for authorizing agencies and bring to the board in October.

**11. Announcements**

- A. The next regular Board Meeting will be held on November 20, 2023, at 4:30 PM at 2021 Opportunity Drive, Roseville, CA 95678

**12. Adjournment:**

President Gayaldo adjourned the meeting at 5:12 PM.

Minutes approved by the Board and dated, this 16<sup>th</sup> day of October 2023 after passage.

Jill Gayaldo, Board President: \_\_\_\_\_

Attest:

Isabel Alvarez, Board Secretary: \_\_\_\_\_

## Warrants September 2023

Payment Date	Payment Type	Payee	Invoice Amount
9/1/2023	Automatic Wire Payment	CALPERS	1,050.00
9/1/2023	Check	PRINCIPAL LIFE INSURANCE COMPANY	4,222.04
9/1/2023	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	767.85
9/1/2023	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	4,335.15
9/1/2023	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	211.40
9/1/2023	Check	ARNAUDO BROS LP	2,249.10
9/1/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	3,481.68
9/1/2023	Check	ROSEVILLE CITY OF - Remit-To: 316 Vernon St Ste 480	461.00
9/1/2023	Check	MOSQUITO & VECTOR CONTROL ASSOCIATION OF CALIFORNIA	11,000.00
9/1/2023	Check	THE PERMANENTE MEDICAL GROUP INC	65.00
9/6/2023	Check	HAURY, RITA E	415.50
9/6/2023	Check	RIEBES AUTO PARTS LLC	33.93
9/6/2023	Check	FIRST SOLUTIONS INC	135.00
9/6/2023	Automatic Wire Payment	CALPERS	32,064.66
9/7/2023	Check	TYCO FIRE & SECURITY (US) MANAGEMENT INC	1,918.77
9/7/2023	Check	BURCHAM, KELLY J - Remit-To: 6429 TERRA WY.	1,045.99
9/7/2023	Check	CLEAR CHANNEL OUTDOOR INC	5,687.50
9/7/2023	Check	CLEAR CHANNEL OUTDOOR INC	2,812.50
9/7/2023	Check	ARENA PESTICIDE MANAGEMENT INC	72,355.00
9/7/2023	Check	HUNT & SONS INC - Remit-To: PO BOX 101630	3,092.78
9/7/2023	Check	HUNT & SONS INC - Remit-To: PO BOX 101630	2,916.13
9/8/2023	EFT Child Support	CASDU - California State Disbursement Unit (SDU)	1178.76
9/11/2023	Check	AMERICAN FIDELITY ASSURANCE COMPANY	602.45
9/11/2023	Check	SCI CONSULTING GROUP	22,887.33
9/11/2023	Check	REGIONAL GOVERNMENT SERVICES AUTHORITY	340.84
9/11/2023	Check	JOHN WALKER HEATING AND COOLING	335.00
9/11/2023	Check	CLARK, PATRICK SPENCER	1,500.00
9/11/2023	Check	ADAPCO LLC - Remit-To: PO BOX 736662	22,899.04
9/11/2023	Check	HARRIS INDUSTRIAL GASES	141.69
9/11/2023	Check	HARRIS INDUSTRIAL GASES	273.04
9/11/2023	Check	HARRIS INDUSTRIAL GASES	24.00
9/13/2023	Check	HARRIS INDUSTRIAL GASES	30.17
9/13/2023	Check	HARRIS INDUSTRIAL GASES	16.16
9/13/2023	Check	VERIZON WIRELESS - Remit-To: PO. BOX 660108	75.61
9/13/2023	Check	OPTIMUM	165.99
9/13/2023	Check	SOUTHWEST GAS CORP - Remit-To: PO BOX 24531	11.00
9/13/2023	Check	THE LEGACY GROUP INC	537.70
9/13/2023	Check	PACIFIC GAS & ELECTRIC COMPANY	113.57
9/13/2023	Check	JASSO, DAVID C	425.00
9/13/2023	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP	225.39
9/13/2023	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP	168.02
9/13/2023	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP	221.65
9/13/2023	Check	LIBERTY UTILITIES CO - Remit-To: Po Box 80374	91.53
9/15/2023	Check	INFINITY TECHNOLOGIES	7,315.00
9/15/2023	Check	VERIZON WIRELESS - Remit-To: PO. BOX 660108	1,854.72
9/19/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	934.88
9/19/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	610.00
9/19/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	83.88
9/19/2023	Check	AUBURN AUTOGLASS EXPRESS INC	326.63
9/19/2023	Check	AUBURN AUTOGLASS EXPRESS INC	277.55
9/19/2023	Check	SACRAMENTO KOI	56.88
9/19/2023	Check	RENTOKIL NORTH AMERICA INC - Remit-To: PO BOX 14084	303.80
9/19/2023	Check	STAR INDUSTRIES - Remit-To: 4181 POWER INN ROAD STE D	565.00
9/19/2023	Check	STAR INDUSTRIES - Remit-To: 4181 POWER INN ROAD STE D	565.00
9/21/2023	Check	BARTKIEWICZ, KRONICK & SHANAHAN	83.75
9/21/2023	Check	BATTERIES PLUS BULBS 8025 A GREENBACK LN	20.80
9/21/2023	Check	DELL FINANCIAL SERVICES LLC - Remit-To: Po Box 910916	569.78

## Warrants September 2023

9/21/2023	Check	THE LEGACY GROUP INC	2,438.29
9/21/2023	Check	CONSOLIDATED COMMUNICATIONS OF CALIFORNIA COMPANY	149.35
9/21/2023	Check	CONSOLIDATED COMMUNICATIONS OF CALIFORNIA COMPANY	676.24
9/21/2023	Check	HUNT & SONS INC - Remit-To: PO BOX 101630	3,264.75
9/21/2023	Check	RENTOKIL NORTH AMERICA INC - Remit-To: PO BOX 14084	7,434.75
9/21/2023	Check	JOHN WALKER HEATING AND COOLING	1,136.64
9/21/2023	Check	JOHN WALKER HEATING AND COOLING	1,640.25
9/22/2023	EFT Child Support	CASDU - California State Disbursement Unit (SDU)	1178.76
9/26/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	1,277.23
9/26/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	169.93
9/26/2023	Check	HARRIS INDUSTRIAL GASES	30.17
9/26/2023	Check	HARRIS INDUSTRIAL GASES	156.24
9/26/2023	Check	MIDAMERICA ADMINISTRATIVE & RETIREMENT SOLUTIONS	7,239.70
9/26/2023	Check	CALIFORNIA STATE OF Vector-borne Disease Section	429.00
9/28/2023	Check	BUCKMASTER BUSINESS MACHINES	44.67
9/28/2023	Check	ALESHIRE & WYNDER LLP	2,346.00
9/28/2023	Check	HYLIO INC	15,393.76
9/29/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	31,553.02
9/29/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	38,641.90

**Placer Mosquito Vector Control District**  
**Budget to Actuals Fiscal Year to Date as of September 30th, 2023**

<b>Ledger / Spend Account</b>	<b>Budget</b>	<b>Actuals</b>	<b>Balance</b>	<b>% of Budget</b>
40010:Taxes - Current Secured Property	(64,339.00)	0	(\$64,339.00)	0.00%
40040:Taxes - Railroad Unitary Property	(97.00)	0	(\$97.00)	0.00%
40050:Taxes - Unitary and Op Non-Unitary Property	(2,409.00)	0	(\$2,409.00)	0.00%
40060:Taxes - Current Unsecured Property				
RC0060 Taxes - Current Unsecured Property (GL40060)	(1,171.00)	(1,239.42)	\$68.42	105.84%
40070:Taxes - Delinquent Secured Property	(1.00)	0	(\$1.00)	0.00%
40090:Taxes - Delinquent Unsecured Property				
RC0090 Taxes - Delinquent Unsecured Property (GL40090)	(16.00)	(0.13)	(\$15.87)	0.81%
40100:Taxes - Current Supplemental Property				
RC0110 Taxes - Current Supplemental Property (GL40100)	(1,683.00)	(21.51)	(\$1,661.49)	1.28%
40110:Taxes - Delinquent Supplemental Property	(1.00)	0	(\$1.00)	0.00%
40180:Other Taxes	(350,064.00)	0	(\$350,064.00)	0.00%
42010:Investment Income				
RC0560 Interest / Investment Income (GL42010)	(10,000.00)	(13,551.64)	\$3,551.64	135.52%
42030:Short-Term Rents and Concessions	(6,000.00)	0	(\$6,000.00)	0.00%
44350:State Homeowners Property Tax Relief	(406.00)	0	(\$406.00)	0.00%
46030:Direct Charges	(5,385,420.00)	0	(\$5,385,420.00)	0.00%
48030:Miscellaneous				
RC3080 Miscellaneous Other Revenue (GL48030)	(20,000.00)	(6,806.79)	(\$13,193.21)	34.03%
<b>Total Revenue</b>	<b>(5,841,607.00)</b>	<b>(21,619.49)</b>	<b>(5,819,987.51)</b>	<b>0.37%</b>
51010:Salaries and Wages				
SC1010 Salaries and Wages (GL51010)	2,383,746.88	525,339.01	\$1,858,407.87	22.04%
51040:Overtime and Call Back				
SC1040 Overtime and Call Back (GL51040)	16,049.13	7,868.83	\$8,180.30	49.03%
51210:Retirement	301,691.19	99,669.99	\$202,021.20	33.04%
SC1210 CalPERS (GL51210)		49,021.99		
SC1852 CalPERS (GL51210)		50,648.00		
51220:Payroll Tax				
SC1220 FICA (GL51220)	46,793.63	9,879.64	\$36,913.99	21.11%
51240:Other Postemployment Benefits (OPEB)				
SC1858 Other Post Employment Benefits (OPEB) (GL51240)	120,047.00	6,769.42	\$113,277.58	5.64%
51350:Emp Benefits Other Agencies				
SC1888 Employee Benefits Other Agencies (GL51350)	457,348.53	118,195.99	\$339,152.54	25.84%
51380:Other Benefits	1,362.00	0	\$1,362.00	0.00%
52020:Pesticides				
SC2030 Poisons, Pesticides and Chemicals - Agricultural and Industrial	591,224.36	264,556.27	\$326,668.09	44.75%
52030:Clothing and Personal				
SC2040 Work Clothes (GL52030)	6,500.00	139.54	\$6,360.46	2.15%
52040:Communication Services Expense				
SC2085 Communication Services - Telephone (GL52040)	70,466.94	7,494.89	\$62,972.05	10.64%

**Placer Mosquito Vector Control District**  
**Budget to Actuals Fiscal Year to Date as of September 30th, 2023**

52050:Food	800.00	0	\$800.00	0.00%
52060:Janitorial Supplies	1,592.34	0	\$1,592.34	0.00%
52080:Insurance				
SC2140 Insurance and Insurance Services (GL52080)	215,189.96	209,765.00	\$5,424.96	97.48%
52140:Parts				
SC2200 Automotive Accessories, Equipment and Parts (GL52140)	6,000.00	230.81	\$5,769.19	3.85%
52160:Maintenance	20,876.00		\$12,203.33	41.54%
SC2260 Equipment Maintenance and Repair Services for Vehicles & Aircraft		8,477.89		
SC2270 Equipment Maintenance and Repair Services for General Equipment		194.78		
52161:Maintenance - Building				
SC2861 Maintenance - Building - 1099 Reportable (GL52161)	36,961.00	10,937.22	\$26,023.78	29.59%
52170:Fuels & Lubricants				
SC2340 Gasoline, All Types (GL52170)	51,750.00	11,568.43	\$40,181.57	22.35%
52180:Materials - Buildings & Improvements	1,500.00	0	\$1,500.00	0.00%
52190:Maintenance - Janitorial				
SC2430 Janitorial Management Services - 1099 Reportable (GL52190)	9,280.00	1,695.00	\$7,585.00	18.27%
52210:Services				
SC2455 Airplane/Helicopter Services NOC - 1099 Reportable (GL52210)	356,430.00		\$116,467.25	67.32%
52220:Laboratory Supplies	79,300.00	20,373.43	\$58,926.57	25.69%
SC2480 Clinical Laboratory Reagents and Tests (GL52220)		9,833.23		0.00%
SC2500 Gases, Lab / Medical / Welding (GL52220)		3,220.72		0.00%
SC2521 Laboratory Supplies (GL52220)		7,319.48		0.00%
52240:Professional / Membership Dues	30,745.00	19,537.00	\$11,208.00	63.55%
SC2550 Membership / Registration / Association / Warranties		19,537.00		0.00%
52245:Warranties	5,024.00	0	\$5,024.00	0.00%
52330:Other Supplies				
SC2660 Office Supplies (GL52330)	15,918.00	(41.53)	\$15,959.53	(0.26%)
52340:Postage	275.00	0	\$275.00	0.00%
52360:Professional and Special Services - General	175,731.88		\$140,749.11	19.91%
SC2820 Personnel Services - 1099 Reportable (GL52360)		4,714.29		
SC2840 Collection Charges - 1099 Reportable (GL52360)		22,887.33		
SC2940 Consulting Services - 1099 Reportable (GL52360)		2,855.00		
SC2945 Uniform Rental and Laundry Services - 1099 Reportable (GL52360)		2,607.38		
SC3010 Alarm Services - 1099 Reportable (GL52360)		1,918.77		
52370:Professional and Special Services - Legal				
SC3130 Legal Services - 1099 Reportable (GL52370)	15,000.00	5,741.75	\$9,258.25	38.28%
52380:Professional and Special Services - Technical, Engineering & Environmental	39,911.00		\$17,886.06	55.19%
SC3150 Grounds Maintenance Services - 1099 Reportable (GL52380)		820.00		
SC3280 Security, Fire, Safety, and Emergency Services		461.00		
SC3320 Environmental and Ecological Services - 1099 Reportable (GL52380)		20,000.00		
SC3322 Hazardous Waste (GL52380)		743.94		
52390:Professional and Special Services - County	12,601.58	0	\$12,601.58	0.00%
52400:Professional and Special Services - Information Technology	148,066.00		\$127,950.77	13.59%



**Placer Mosquito Vector Control District**  
**Budget to Actuals Fiscal Year to Date as of September 30th, 2023**

SC3370 Data Processing, Computer, Programming, and Software Services		3,219.77		
SC3380 Computer Management Services - 1099 Reportable (GL52400)		16,895.46		
52440:Short-Term Rents and Leases - Equipment				
SC3460 Short-Term Equipment Rental or Lease Services	2,647.00	576.11	\$2,070.89	21.76%
52450:Short-Term Rents and Leases - Buildings & Improvements				
SC3480 Short-Term Real Property Rental or Lease	26,989.20	6,747.30	\$20,241.90	25.00%
52460:Small Tools & Instruments				
SC3530 Hardware and Related Items (GL52460)	17,500.00	4,320.60	\$13,179.40	24.69%
52480:PC Acquisition				
SC3560 Computers, Handheld, Laptop, and Notebook (GL52480)	19,550.00	569.78	\$18,980.22	2.91%
52520:Trustee Meetings Compensation				
SC3630 Trustee Meetings Compensation - 1099 Reportable (GL52520)	8,400.00	2,000.00	\$6,400.00	23.81%
52560:Small Equipment	15,000.00	0	\$15,000.00	0.00%
52570:Advertising	75,156.88		\$38,935.34	48.19%
SC3890 Marketing Services - 1099 Reportable (GL52570)		35,922.82		
SC3895 Publications and Legal Notices (GL52570)		298.72		
52590:Tuition Reimbursement	4,000.00	0	\$4,000.00	0.00%
52785:Training / Education				
SC4000 Educational/Training Services - 1099 Reportable (GL52785)	8,450.00	429.00	\$8,021.00	5.08%
52790:Transportation and Travel	25,860.00		\$25,762.47	0.38%
SC4280 Travel & Transportation (GL52790)		(60.00)		
SC4290 Mileage (GL52790)		157.53		
52800:Utilities				
SC4340 Utilities (GL52800)	79,545.61	10,761.05	\$68,784.56	13.53%
53040:Lease Purchase Principal				
SC4720 Lease Purchase Principal (GL53040)	288,000.00	288,000.00	\$0.00	100.00%
53080:Lease Purchase Interest				
SC4760 Lease Purchase Interest (GL53080)	52,326.00	28,366.20	\$23,959.80	54.21%
<b>Total Expenses ( Non Capital Assets )</b>	<b>5,841,606.11</b>	<b>2,023,568.16</b>	<b>3,818,037.95</b>	<b>34.64%</b>
54450:Equipment	0	57,440.54		0.00%
SC2680 CA Aircraft and Airport Equipment (GL54450)		25,887.52		0.00%
SC5210 CA Vehicles, All Types (GL54450)		31,553.02		0.00%
<b>Total Capital Assets</b>	<b>0.00</b>	<b>57,440.54</b>		<b>0.00%</b>
<b>Total Expenses</b>	<b>5,841,606.11</b>	<b>2,081,008.70</b>	<b>\$3,818,037.95</b>	<b>35.62%</b>

**This page was intentionally left blank.**

## Board Review and Consideration to Add a Lead Vector Control Technician Position

---

In 2017, the District Board of Trustees passed resolution 2017-01 recognizing the vector control benefits of unmanned aerial systems (UAS). Since then, the District has become a leader in the use of drones for mosquito control. Over the next six months, we expect to receive two new application drones that we will put into operation in 2024. Considering the record-breaking West Nile virus (WNV) risk in California this summer, the added capabilities of the new UAS will help to address increased exposure of Placer County residents to WNV due to urban growth and expected strain to staff resources from continuing invasive mosquito infestations.

The new unmanned aircraft were purchased to enable the District to conduct regular mosquito control operations that augment our West Nile virus program and expand our ability to manage mosquito larvae in difficult to access areas in a more efficient and timely manner. This equipment further allows us to pursue more advanced operations such as mosquito adulticide applications, and operations to eventually reduce the size of treated areas while maintaining mosquito control efficacy. Bringing new unmanned aircraft into service requires significant training, test flights, and calibration by staff ahead of regular operations.

Our current drone team consists of a Supervisor and a Vector Control Technician II who splits his time between UAS operations and covering Zone 1 (Lincoln). Because we anticipate an increased frequency of UAS missions in 2024, this current staffing arrangement will not be adequate to cover the City of Lincoln as well as more drone ops. To address this issue, we propose this new Lead VCT – UAS position be filled through promotion of a current VCT-II, and a VCT-I be hired to backfill the vacancy.

---

### Fiscal Impact

The impact of adding a new Lead VCT, and back filling the vacancy with a VCT-I will increase annual total compensation by approximately \$150,000 (5% of total compensation for the District) In FYE 2024 this would result in an increase of approximately \$100,000 for the remaining eight months of the fiscal year.

---

### Staff Recommendation:

Staff recommends the board approve the hiring of an additional Lead VCT to focus on field UAS operations effective immediately.

**This page was intentionally left blank.**



## Public Information and Outreach Report

Reporting period: September 2023

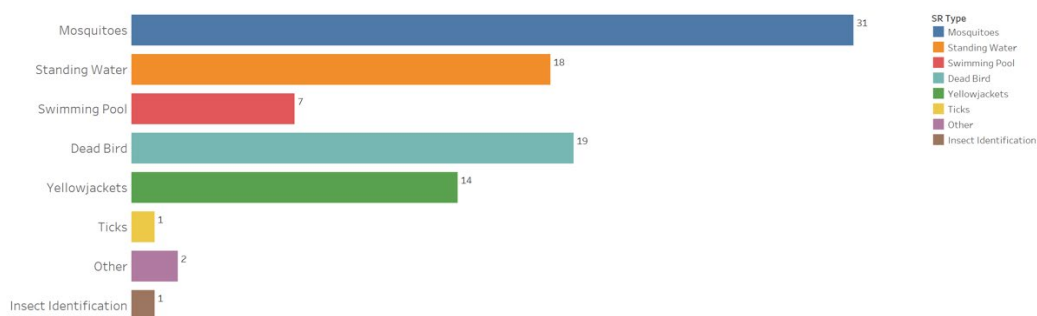
Prepared by: Meagan Luevano, Public Information Officer

### AT-A-GLANCE

- Presenting 2023 advertising analytic report.
- Participated in the Loomis Library Learning Lab, Hot Chili Cool Cars and The Great Auburn Ravine Creek Clean.
- Mailed letter to 2,145 addresses in invasives detection areas.

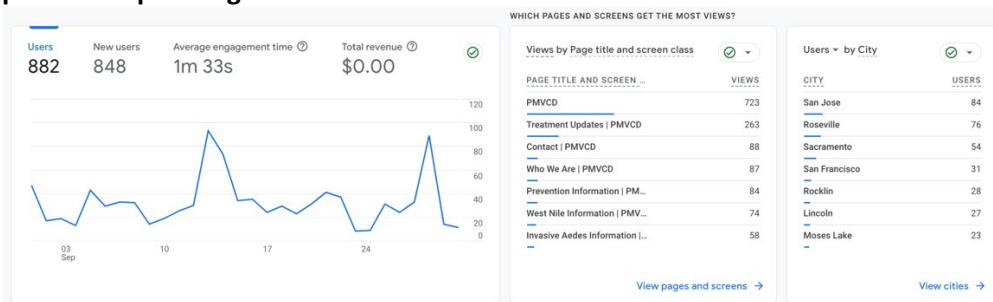
### SERVICE REQUESTS

In September 2023, a total of 93 service requests were submitted.

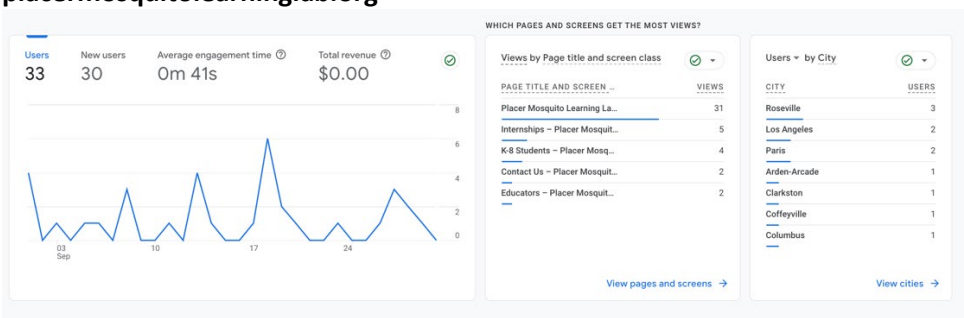


### WEBSITE ANALYTICS

#### placermosquito.org



#### placermosquitolearninglab.org





### CITY COUNCIL PRESENTATIONS

- All council presentation complete
- Video report to MACs – October 2023

### COMMUNITY OUTREACH AND EDUCATION EVENTS

- Loomis Eggplant Festival – Saturday, October 7
- SWEP Truckee River Day – Sunday, October 15

### SCHOOL OUTREACH

- Planning for 2023/24 spring school assemblies

### ONGOING OUTREACH MATERIALS/SOCIAL MEDIA/ADVERTISING

- Partnering with Placer County Master Gardeners on transported plants, newsletter content, and fact sheet
- Weekly social media development
- Monthly eblasts
- Treatment notifications
- Invasive *Aedes* and West Nile virus strategic communications outreach

Profile ↕	Audience ↕	Net Audience Growth ↕	Published Posts ↕	Impressions ↕	Engagements ↕	Engagement Rate (per Impression) ↕	Video Views ↕
<b>Reporting Period</b>	<b>3,708</b>	<b>27</b>	<b>74</b>	<b>10,784</b>	<b>585</b>	<b>5.3%</b>	<b>1,430</b>
Sep 1, 2023 – Sep 30, 2023	↗ 0.7%	↘ 67.9%	↘ 49.3%	↘ 98.2%	↘ 73.2%	↗ 1,373.1%	↘ 95.9%
<b>Compare to</b>	<b>3,682</b>	<b>84</b>	<b>146</b>	<b>599,221</b>	<b>2,180</b>	<b>0.4%</b>	<b>34,971</b>
Aug 1, 2023 – Aug 31, 2023							
Placer Mosquito and ...	133	3	0	35	0	0%	0
@PlacerMosquito	1,162	3	18	2,180	49	2.2%	48
placermosquito	531	9	29	2,971	274	9.2%	98
Placer Mosquito & Ve...	1,804	15	26	5,598	247	4.4%	117
Placer Mosquito	78	-3	1	N/A	15	N/A	1,167

### MEDIA RELATIONS

On September 14, we sent out a press release about the St. Louis Encephalitis detection.



9/14/2023	KCRA 3	Online and Broadcast	<a href="https://www.kcra.com/article/placer-county-second-human-case-of-west-nile-virus/45129611">https://www.kcra.com/article/placer-county-second-human-case-of-west-nile-virus/45129611</a>	Feature/St. Louis
9/15/2023	Telemundo	Broadcast		St. Louis
	CBS 13			
9/15/2023	Sacramento	Broadcast		St. Louis
	Roseville			
9/16/2023	Today	Online	<a href="https://www.rosevilletoday.com/news/lincoln/lincoln-encephalitis-mosquitos/">https://www.rosevilletoday.com/news/lincoln/lincoln-encephalitis-mosquitos/</a>	St. Louis

#### PROFESSIONAL TRAININGS & CONFERENCES

- N/A

**This page was intentionally left blank.**



# Field Operations and Surveillance Report

Prepared October 09, 2023

Assistant Manager: Jake Hartle

Supervisors: Mike Ashley, Scott Schon

## Mosquito Surveillance & Vector-borne Disease Testing

- **Adult Mosquito Abundance**

- The abundance of *Culex tarsalis* and *Culex pipiens* show a downward trend the past couple of weeks (Figure 1,2). *Culex tarsalis* decreased substantially. In the past 6 weeks, they declined from an average of 42.7 female mosquitoes per trap night down to an average of 1 female mosquito per trap night.
- *Anopheles freeborni* showed a substantial decrease in the past 6 weeks, from the average of 120 female mosquitoes per trap night down to an average of 1 female mosquito per trap night.

Figure 1: *Culex tarsalis* adult mosquito count per trap night (red line), compared to the three-year average (green bars) by calendar weeks. (Week 40 represents October 1-7)

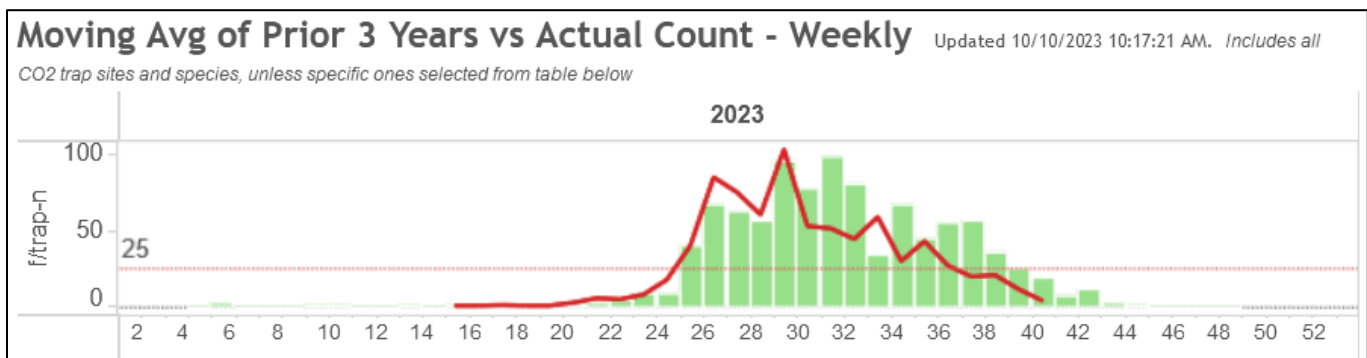


Figure 2: *Culex pipiens* adult mosquito count per trap night (purple line), compared to the three-year average (green bars) by calendar weeks. (Week 40 represents October 1-7)

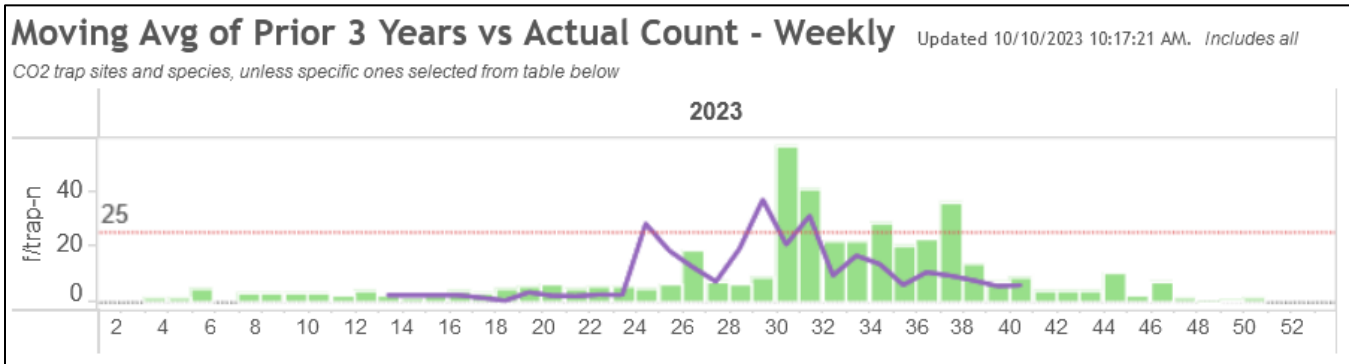
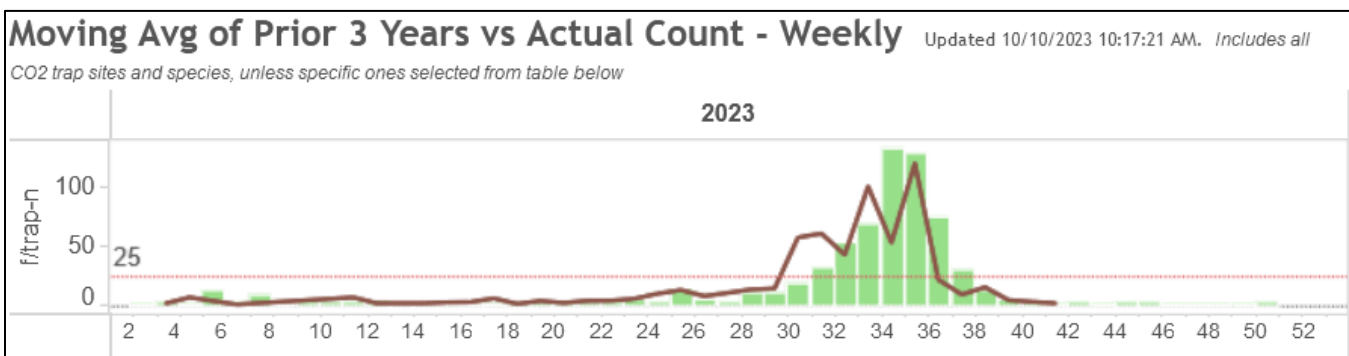


Figure 3: *Anopheles freeborni* adult mosquito count per trap night (brown line), compared to the three-year average (green bars) by calendar weeks. (Week 40 represents October 1-7)



- **Invasive Mosquitoes**

- Invasive *Aedes* surveillance continues to detect endemic populations of *Aedes aegypti* in the Cherry Glen, Hillcrest, and Thieles Manor neighborhoods in Roseville. We have caught 163 *Aedes aegypti* this season 80 of them were caught in September.
- Door to door inspections, additional trapping and adulticide and larvicide applications are being performed in response.
- We continue to trap at new locations in Western Placer but have not detected other populations.

- **Vector-borne Disease Testing**

- Mosquitoes: In 2023, 1767 adult mosquito samples have been tested for disease, 177 tested positive for WNV and 1 tested positive for St. Louis encephalitis (SLE) .
- Dead Bird: In 2023, 150 dead birds have been tested for WNV, **41 of them tested positive for WNV.**



Positive Detections for 2023 Year to Date (January 1- October 6)			
	WNV	SLE	WEE
Mosquito Samples	177/1767 (10%)	1/1767	NA
Dead Birds	41/150 (27.3%)	NA	NA

## Operations

---

- **Source Work**
  - The number of service requests is decreasing as the season slows down, In the month of September Vector Control Technicians completed 79, compared to the 120 completed in August.
- **Ground Treatments**
  - 284 treatments to both adult and larval mosquito sources. Including 2 truck adulticide missions and 14 larvicide A-1 WALs applications for invasive mosquitoes.

**This page was intentionally left blank.**

# General Manager's Report

Joel Buettner, General Manager

10/10/2023

- **Remembering Kelly Burcham.** It is with great sadness that I report that Kelly Burcham passed away in September 2023. Kelly was one of the founding employees of the District. He came from Marin Sonoma Mosquito and Vector Control District in 2001 to Placer County with Charlie Dill to help establish the district and begin providing mosquito abatement services to Placer County residents. I remember fondly Kelly's stories of working out of Charlie's apartment during the early days of the District. Kelly was a key member of the Placer Mosquito staff until his retirement in 2017. Even after retirement, Kelly served the District as a retired annuitant working to transfer our paper-based treatment records into digital records until 2021. We offer our heartfelt condolences to Kelly's wife Kerry, his family and friends.
- **Placer County Grand Jury Information Request** The District received an email stating, "The Placer County Grand Jury is requesting each special district in the county to complete the attached document. Government Code Section 53235(b) requires each board member to complete ethics training. In addition, as required by the California Political Reform Act, each board member must complete and submit a Statement of Economic Interest, commonly known as Form 700. The information should be provided by the board's chairperson, or a person with the knowledge to complete the document. The grand jury requests that along with the attached document, certificates verifying the information provided." I have instructed the Board Secretary to fill out and return the form as requested.
- **Strategic Planning** is scheduled for November 14<sup>th</sup> in Rocklin. Lunch and snacks will be provided. Megan MacNee, Executive Director of MVCAC and AMCA will be facilitating.
- **Monterey DART Symposium** – I will report on my participation in the event during the board meeting.
- **Replacement Trucks** - The District is in the process of purchasing replacement Ford Rangers through Future Ford of Roseville. Due to the lack of new Ford Rangers (or equivalent ½ ton pickups) we have had to purchase used vehicles. The purchase price of the replacement trucks will be reimbursed up to \$50,000 each from the VCJPA auto coverage program. The two warrants for Future Ford listed on the Warrants for September are part of this transaction. I communicated with President Gayaldo email prior to purchasing the trucks with the understanding that it was not possible to wait for board approval ahead of the purchase because the dealership would not hold the vehicles that long. We agreed that I would bring the purchase documents for both trucks to the board for approval retrospectively at the November Board meeting.

## UPCOMING EVENTS

- Strategic Planning – November 14, 2023 – Rocklin, CA
- Sacramento Valley Regional Continuing Education Day – November 15, 2023 – Yuba City, CA
- MVCAC Planning Meeting – December 5-7, 2023 – Sacramento, CA
- MVCAC Annual Conference – January 20-24, 2024 – Monterey, CA
- AMCA Annual Conference – March 4-8, 2024 – Dallas, TX