

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

**July 17, 2023, 4:00 PM**

[www.placermosquito.org](https://us06web.zoom.us/j/87463630617?pwd=c1VSZ1ROZWkvbkw0a2xyd24yMWhLZz09)

**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: 874 6363 0617 or**

**<https://us06web.zoom.us/j/87463630617?pwd=c1VSZ1ROZWkvbkw0a2xyd24yMWhLZz09>**

**Page**

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

- |                 |           |   |
|-----------------|-----------|---|
|                 | <b>1</b>  | <b>Call to Order</b>  |
|                 | <b>2</b>  | <b>Roll Call</b>  |
|                 | <b>3</b>  | <b>Pledge of Allegiance</b>   |
|                 | <b>4</b>  | <b>Introduction of Guest</b><br>A. John Bliss, SCI Consulting Group   |
|                 | <b>5</b>  | <b>Agenda Review</b>  |
|                 | <b>6</b>  | <b>Public Comment</b><br><i>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.</i> |
|                 | <b>7</b>  | <b>Convene Public Hearing</b>   |
|                 | <b>8</b>  | <b>Presentation of Engineer’s Reports – John Bliss, SCI Consulting Group</b>  |
| 3-4<br>Attach A | <b>9</b>  | <b>Board Review and Consideration of Resolution 2023-09 Approving the Engineer’s Reports, Confirming the Assessment Diagram and Assessment and Ordering the Levy of Assessments for Fiscal Year 2023-24 for the Mosquito Control District and the East County Mosquito Control and Disease Prevention District – Action item</b>  |
| 5-6<br>Attach B | <b>10</b> | <b>Board Review and Consideration of Resolution 2023-10 Approving the Engineer’s Reports, Confirming the Assessment Diagram and Assessment and Ordering the Levy of Assessments for Fiscal Year 2023-24 for the Expanded Services and Permanent Facility Assessment – Action item</b>   |
| 7<br>Attach C   | <b>11</b> | <b>Board Review and Consideration of Resolution 2023-11 Ordering the Approval of 2023-24 Lincoln Special Tax Report and Directing the Levying of Taxes – Action item</b>  |

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	<b>12 Close Public Hearing</b>
	<b>13 Convene Special Board Meeting</b>
	<b>14 Report from President regarding Public Hearing</b>
	<b>15 Consent Agenda – Action item</b>
9-11	A. Minutes of the June 26, 2023, Regular Board Meeting
13-14	B. Acknowledge Warrants Issued June 2023
15-18	C. Financial Report: Fiscal Year to Date June 31,2023
19-20	D. Board Review and Consideration to Amend the FY 2023-2024 District Pay Scale
21-25	<b>16 Board Review and Consideration to purchase a Hylio AG-230 Unmanned Aircraft System – Action item</b>
27-28	<b>17 Board Review and Consideration to Purchase Replacement Hand Foggers – Action item</b>
	<b>18 Staff Reports</b>
29-31	A. Eastern Placer Report – Angella Falco
33-35	B. Public Information and Outreach Report – Meagan Luevano
	C. Field Operations and Surveillance Report – Jake Hartle
	D. General Manager’s Report – Joel Buettner
	<b>19 Closed Session</b>
	A. Public employee performance evaluation: General Manager (pursuant to Government Code Section 54957).
	<b>Reconvene from Closed Session</b>
	<b>20 Report from Closed Session</b>
	<b>21 Board/Staff General Discussion</b>
	<b>22 Announcements</b>
	A. The next regular Board meeting will be held August 21, 2023 at 4:30 PM at 2021 Opportunity Drive., Roseville, CA 95678
	<b>23 Adjournment</b>

*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 24 hours prior to a meeting will be available for public inspection and copying at 2021 Opportunity Drive, Roseville, CA 95678.*

**RESOLUTION NO. 2023-09 - DRAFT**

**A RESOLUTION OF THE BOARD OF TRUSTEES OF  
THE PLACER MOSQUITO AND VECTOR CONTROL DISTRICT  
APPROVING THE ENGINEER'S REPORTS,  
CONFIRMING THE ASSESSMENT DIAGRAM AND ASSESSEMENT AND  
ORDERING THE LEVY OF ASSESSMENTS FOR FISCAL YEAR 2023-24  
FOR THE MOSQUITO CONTROL DISTRICT AND  
THE EAST COUNTY MOSQUITO CONTROL AND DISEASE PREVENTION DISTRICT**

**WHEREAS**, the Placer Mosquito and Vector Control District (formerly known as the Placer Mosquito Abatement District, the "District") is authorized, pursuant to the authority provided in Health and Safety Code Section 2082 and Article XIID of the California Constitution, to levy assessments for mosquito, vector and disease control projects and services; and

**WHEREAS**, such vector surveillance and control projects and services provide tangible public health benefits, reduced nuisance benefits and other special benefits to the public and properties with the areas of service; and

**WHEREAS**, an assessment for mosquito, vector and disease control projects and services has been given the distinctive designation of the "Mosquito Control District" ("Assessment"), and is primarily described as encompassing the boundaries of West Placer County, and an assessment for mosquito, vector and disease control projects and services has been given the distinctive designation of the "East County Mosquito Control and Disease Prevention District" ("Assessment"), and is primarily described as encompassing the boundaries of East Placer County; and

**WHEREAS**, the Assessment was authorized by an assessment ballot proceeding conducted in 2000 for the Mosquito Control District and in 2004 for the East County Mosquito Control and Disease Prevention District and approved by a majority of the weighted ballots returned by property owners, and such assessments were levied by the Board of Trustees of the Placer Mosquito and Vector Control District.

**NOW, THEREFORE BE IT RESOLVED** by the Board of Trustees of the Placer Mosquito and Vector Control District that:

1. SCI Consulting Group, Inc., the Engineer of Work, prepared an engineer's report in accordance with Article XIID of the California Constitution and Section 2082, et. seq., of the Health and Safety Code for the Assessment (the "Report"). The Report has been made, filed with the secretary of the board and duly considered by the Board and are hereby deemed sufficient and preliminarily approved. The Report shall stand as the Engineer's Report for all subsequent proceedings under and pursuant to the foregoing resolution.
2. On May 15, 2023, this Board adopted Resolution No. 2023-05 to continue to levy and collect Assessments for fiscal year 2023-24, preliminarily approving the Engineer's Report, and providing for notice of hearing on July 17, 2023 at 4:00 o'clock p.m. at 2021 Opportunity Drive in Roseville, California.
3. At the appointed time and place the hearing was duly and regularly held, and all persons interested and desiring to be heard were given an opportunity to be heard, and all matters and things pertaining to the levy of Assessment were fully heard and considered by this Board, and all oral statements and all written protests or communications were duly heard, considered and overruled, and this Board there by acquired jurisdiction to order the levy of assessment prepared by and made a part of the Engineer's Report to pay the costs and expenses thereof.
4. The above recitals are true and correct.
5. The public interest, convenience and necessity require that the levy be made.

6. The Engineer's Report for the Assessment together with the proposed assessment roll for fiscal year 2023-24 is hereby confirmed and approved.
7. Based on the oral and documentary evidence, including the Engineer's Report offered and received at the public hearing, the Board expressly finds and determines that: (a) each of the several lots and parcels of land subject to the Assessment will be specially benefited by the services to be financed by the assessment proceeds in at least the amount of the assessment apportioned against such lots and parcels of land, respectively; and (b) that there is substantial evidence to support, and the weight of the evidence preponderates in favor of, said finding and determination as to special benefit to property from the mosquito, vector and disease control services to be financed with assessment proceeds.
8. Assessments for fiscal year 2023-24 shall be levied at the rate of TWENTY-ONE DOLLARS AND SEVENTY-SIX CENTS (\$21.76) per single-family equivalent benefit unit as specified in the Engineer's Report for fiscal year 2023-24 with estimated total annual assessment revenues as set forth in the Engineer's Report.
9. The mosquito and disease control services to be financed with assessment proceeds described in the Engineer's Report are hereby ordered.
10. No later than August 10<sup>th</sup> following such adoption, the Board shall file a signed copy of this resolution with the Auditor of the County of Placer ("County Auditor"). Upon such filing, the County Auditor shall enter on the County assessment roll opposite each lot or parcel of land the amount of assessment thereupon as shown in the assessment. The assessments shall be collected at the same time and in the same manner as County taxes are collected and all the laws providing for collection and enforcement shall apply to the collection and enforcement of the assessments. After collection by the County, the net amount of the assessments, after deduction of any compensation due the County for collection, shall be paid to the Mosquito and Disease Control Assessment.
11. All revenues from Assessments shall be deposited in a separate fund established under the distinctive designation of the Placer Mosquito and Vector Control District.
12. The Assessment, as it applies to any parcel, may be corrected, cancelled or a refund granted as appropriate, by order of the Board of Trustees of the District. Any such corrections, cancellations or refunds shall be limited to the current fiscal year.

**PASSED AND ADOPTED** by the Board of Trustees of Placer Mosquito and Vector Control District on the 17<sup>th</sup> day of July, 2023 by the following vote:

AYES:            Ø  
NOES:            Ø  
ABSTAIN:        Ø  
ABSENT:         Ø

Attest:

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Jill Gayaldo, Board President

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Isabel Alvarez, Board Secretary

## **RESOLUTION NO. 2023-10 – DRAFT**

### **A RESOLUTION OF THE BOARD OF TRUSTEES OF THE PLACER MOSQUITO AND VECTOR CONTROL DISTRICT APPROVING THE ENGINEER'S REPORTS, CONFIRMING THE ASSESSMENT DIAGRAM AND ASSESSEMENT AND ORDERING THE LEVY OF ASSESSMENTS FOR FISCAL YEAR 2023-24 FOR THE EXPANDED SERVICES AND PERMANENT FACILITY ASSESSMENT**

**WHEREAS**, the Placer Mosquito and Vector Control District (formerly known as the Placer Mosquito Abatement District, the "District") is authorized, pursuant to the authority provided in Health and Safety Code Section 2082 and Article XIID of the California Constitution, to levy assessments for mosquito, vector and disease control projects and services; and

**WHEREAS**, such vector surveillance and control projects and services provide tangible public health benefits, reduced nuisance benefits and other special benefits to the public and properties with the areas of service; and

**WHEREAS**, prior to 2008, the District facility was located on Waverly Drive in Lincoln, California and this facility was inadequate for virtually all elements of comprehensive mosquito and vector control including: laboratory work, legally compliant chemical storage, vehicle maintenance and storage, and general district management and administration, and the District was in need of a permanent vector control facility and laboratory; and

**WHEREAS**, as of 2007, in order to provide the level of vector control services desired by the community, the District needed to expand and improve its' vector control services; and

**WHEREAS**, on July 16, 2007, by its Resolution No. 2007-10, the Board approved the formation and levying of assessments of the Expanded Services and Permanent Facility Assessment pursuant to the provisions of Health and Safety Code section 2080 and the provisions of California Constitution Article XIII-D; and

**WHEREAS**, the purpose of the Assessment District is for the installation, maintenance and servicing of improvements to the Placer Mosquito and Vector Control District. Within the District, the proposed improvements and services are generally described as the expansion and improvements of mosquito and vector control services, surveillance, disease prevention, abatement, and control of vectors within the service area. Such vector control and disease prevention projects and programs include, but are not limited to, source reduction, biological control, disease monitoring, public education, reporting, accountability, research and interagency cooperative activities. The proposed improvements and services would also be the capital costs, maintenance, and operation expenses of a permanent operational vector control facility including laboratory and shop, as well as financing costs for the facility improvements and other capital improvements.

**NOW, THEREFORE BE IT RESOLVED** by the Board of Trustees of the Placer Mosquito and Vector Control District that:

1. SCI Consulting Group, Inc., the Engineer of Work, prepared an engineer's report in accordance with Article XIID of the California Constitution and Section 2082, et. seq., of the Health and Safety Code for the Assessment (the "Report"). The Report have been made, filed with the secretary of the board and duly considered by the Board and are hereby deemed sufficient and preliminarily approved. The Report shall stand as the Engineer's Report for all subsequent proceedings under and pursuant to the foregoing resolution.
2. On May 15, 2023, this Board adopted Resolution No. 2023-06 to continue to levy and collect Assessments for fiscal year 2023-24, preliminarily approving the Engineer's Report, and providing for notice of hearing on July 17, 2023 at 4:00 o'clock p.m. at 2021 Opportunity Drive in Roseville, California.
3. At the appointed time and place the hearing was duly and regularly held, and all persons interested and desiring to be heard were given an opportunity to be heard, and all matters and things pertaining to the levy of Assessment were fully heard and considered by this Board, and all oral statements and all written protests or communications were duly heard, considered and overruled, and this Board there by acquired jurisdiction to order the levy of assessment prepared by and made a part of the Engineer's Report to pay the costs and expenses thereof.

4. The above recitals are true and correct.
5. The public interest, convenience and necessity require that the levy be made.
6. The Engineer's Report for the Assessment together with the proposed assessment roll for fiscal year 2023-24 is hereby confirmed and approved.
7. Based on the oral and documentary evidence, including the Engineer's Report offered and received at the public hearing, the Board expressly finds and determines that: (a) each of the several lots and parcels of land subject to the Assessment will be specially benefited by the services to be financed by the assessment proceeds in at least the amount of the assessment apportioned against such lots and parcels of land, respectively; and (b) that there is substantial evidence to support , and the weight of the evidence preponderates in favor of, said finding and determination as to special benefit to property from the mosquito, vector and disease control services to be financed with assessment proceeds.
8. Assessments for fiscal year 2023-24 shall be levied at the rate of TWELVE DOLLARS AND EIGHT CENTS (\$12.08) per single-family equivalent benefit unit as specified in the Engineer's Report for fiscal year 2023-24 with estimated total annual assessment revenues as set forth in the Engineer's Report.
9. The mosquito and disease control services to be financed with assessment proceeds described in the Engineer's Report are hereby ordered.
10. No later than August 10<sup>th</sup> following such adoption, the Board shall file a signed copy of this resolution with the Auditor of the County of Placer ("County Auditor"). Upon such filing, the County Auditor shall enter on the County assessment roll opposite each lot or parcel of land the amount of assessment thereupon as shown in the assessment. The assessments shall be collected at the same time and in the same manner as County taxes are collected and all the laws providing for collection and enforcement shall apply to the collection and enforcement of the assessments. After collection by the County, the net amount of the assessments, after deduction of any compensation due the County for collection, shall be paid to the Mosquito and Disease Control Assessment.
11. All revenues from Assessments shall be deposited in a separate fund established under the distinctive designation of the Placer Mosquito and Vector Control District.
12. The Assessment, as it applies to any parcel, may be corrected, cancelled or a refund granted as appropriate, by order of the Board of Trustees of the District. Any such corrections, cancellations or refunds shall be limited to the current fiscal year.

**PASSED AND ADOPTED** by the Board of Trustees of Placer Mosquito and Vector Control District on the 17<sup>th</sup> day of July, 2023 by the following vote:

AYES:           Ø  
NOES:           Ø  
ABSTAIN:       Ø  
ABSENT:        Ø

Attest:

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Jill Gayaldo, Board President

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Isabel Alvarez, Board Secretary

**RESOLUTION NO. 2023-11 – DRAFT**

**A RESOLUTION OF THE BOARD OF TRUSTEES  
OF THE PLACER MOSQUITO AND VECTOR CONTROL DISTRICT  
ORDERING THE APPROVAL OF 2023-24 LINCOLN SPECIAL TAX REPORT AND  
DIRECTING THE LEVYING OF TAXES**

**WHEREAS**, the Placer Mosquito and Vector Control District (“District”) is authorized, pursuant to the authority Article XIII A of the California Constitution, to tax property for mosquito, vector and disease control projects and services; and

**WHEREAS**, such vector surveillance and control projects and services provide tangible public health benefits, reduced nuisance benefits and other special benefits to the public and properties within the areas of service; and

**WHEREAS**, on December 11, 2006, by its Resolution No. 2006-12, the Board changed the name of the District from “Placer Mosquito Abatement District” to “Placer Mosquito and Vector Control District”; and

**WHEREAS**, in November 1998, the District Board of Trustees submitted to the voters of that portion of the District identified as Lincoln, to establish a special tax for these purposes; and

**WHEREAS**, voters approved this measure by the requisite 2/3 vote; and

**WHEREAS**, the Board of Trustees has, under this voter-approved authority, directed that a tax report be prepared for submission to Placer to implement this tax, and that a budget be prepared and brought to the Board of Trustees for approval consistent with the provisions of this measure; and

**WHEREAS**, such tax report and proposed budget have been prepared and brought to the Board this date for consideration.

**NOW, THEREFORE BE IT RESOLVED** that the Board of Trustees of the Placer Mosquito and Vector Control District hereby approve and authorize the Lincoln Special Tax – 2023 Tax Report, as presented to the Board this day, to be submitted to Placer County to initiate the tax collection provisions at the general rate of FIFTEEN DOLLARS AND ZERO CENTS (\$15.00) per parcel, as indicated in the report; and

**BE IT FURTHER RESOLVED**, that the General Manager is hereby authorized and directed, on behalf of the District and in its name, to execute and deliver such documents and to do such acts as may be deemed necessary or appropriate to accomplish the intentions of this resolution.

**PASSED AND ADOPTED** by the Board of Trustees of Placer Mosquito and Vector Control District on the 17<sup>th</sup> day of July, 2023 by the following vote:

AYES:           Ø  
NOES:           Ø  
ABSTAIN:       Ø  
ABSENT:       Ø

Attest:

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Jill Gayaldo, Board President

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Isabel Alvarez, Board Secretary

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Placer Mosquito & Vector Control District  
Board of Trustees Regular Board Meeting – Minutes  
June 26, 2023 4:30 PM  
Placer Mosquito & Vector Control District Office  
2021 Opportunity Drive, Roseville, CA 95678

Pursuant to Assembly Bill 2449 this meeting will be conducted in person and via zoom. Members of the public can participate by calling (408) 638-0968 and when prompted, enter the Meeting ID: 873 2420 2611 or <https://us06web.zoom.us/j/87324202611?pwd=cFNaSTduTDgyU1krUFVBVUF1YzBoUT09>

1. **Call to Order:** President Gayaldo called the meeting to order at 4:31 PM.
2. **Roll Call:** Trustees Jill Gayaldo, Peter Gilbert, Merry Holliday-Hanson, Ross Hutchings, Russ Kelley and Will Stockwin were present. Trustees Rachel Radell-Harris was absent with notification.  
**District Employees Present:** Manager Joel Buettner, Jake Hartle, Isabel Alvarez, Angella Falco and Meagan Luevano.
3. **Pledge of Allegiance** was led by Trustee Gayaldo
4. **Agenda Review:**  
Pursuant to Assembly Bill 2449 Trustee Will Stockwin presented a “just cause” request to attend the board meeting via Zoom based on emergency circumstances due to an injury. It is noted that a quorum of the Board of Trustees were attending the meeting in person.
  - *There was a consensus by the Board to approve the just cause situation and approve Trustee Radell-Harris to participate via Zoom and accept the agenda as presented.*
  - *There was a consensus to table Item 9 (closed session) to the Special Board meeting in July.*
5. **Public Comment:** There were none.
6. **Consent Agenda**  
*A motion to approve the following was made by Trustee Gilbert seconded by Trustee Kelley, approved by roll call vote.*  
*Ayes: Trustees Gayaldo, Gilbert, Holliday-Hanson, Hutchings, Kelley, and Stockwin*  
*Noes: ø Abstain: ø Absent: Trustee Radell-Harris*  
  
*A. Minutes of the May 15, 2023, Regular Board Meeting.*  
*B. Acknowledge Warrants issued May 2023*  
*C. Financial Report: Fiscal Year to Date May 31, 2023*  
*D. Board Review and Consideration Purchase Mosquito Larvicide*
7. **Board Review and Consideration of Resolution 2023-07**  
*A motion to approve resolution 2023-07 Requesting Collection of charges on Tax Roll for Tax Year 2023-24 was made by Trustee Gilbert, seconded by Trustee Holliday-Hanson, approved by roll call vote.*  
*Ayes: Trustees Gayaldo, Gilbert, Holliday-Hanson, Hutchings, Kelley and Stockwin*  
*Noes: ø Abstain: ø Absent: Trustee Radell-Harris*

**8. Board Review and Consideration to Approve the District Budget for Fiscal Year 2023-24**

**A. Board Review and Consideration to Accept Updated Organizational Chart for Fiscal Year 2023-2024.**

*A motion to accept updated organizational chart for fiscal year 2023-24 was made by Trustee Gilbert, seconded by Trustee Kelley, approved by roll call vote.*

*Ayes: Trustees Gayaldo, Gilbert, Holliday-Hanson, Hutchings, Kelley and Stockwin*

*Noes: ∅*

*Abstain: ∅*

*Absent: Trustee Radell-Harris*

**B. Resolution 2023-08 Adopting the District Budget for Fiscal Year 2023-24**

*A motion to adopt Resolution 2023-08 adopting the District budget for fiscal year 2023-24 was made by Trustee Kelley, seconded by Trustee Hutchings, approved by roll call vote.*

*Ayes: Trustees Gayaldo, Gilbert, Holliday-Hanson, Hutchings, Kelley and Stockwin*

*Noes: ∅*

*Abstain: ∅*

*Absent: Trustee Radell-Harris*

**C. Board Review and Consideration to Approve and Adopt FY 2023-2024 District Pay Scale effective July 1, 2023**

*A motion to approve and adopt FY 2023-24 District pay scale effective July 1, 2023 was made by Trustee Gilbert, seconded by Trustee Hutchings, approved by roll call vote.*

*Ayes: Trustees Gayaldo, Gilbert, Holliday-Hanson, Hutchings, Kelley and Stockwin*

*Noes: ∅*

*Abstain: ∅*

*Absent: Trustee Radell-Harris*

**9. Closed Session- was cancelled.**

**10. Report from Closed Session- was cancelled.**

**11. Staff Reports**

- A. Eastern Placer Report – Mrs. Falco 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.

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

- Ms. Alvarez reminded the Board that she sent out training modules to Trustees that still need to complete ethics and sexual harassment trainings.

**13. Announcements**

- A. The District office will be closed on July 4, 2023 in observance of the Independence Day Holiday.
- B. There will be a Special Board Meeting/Public Hearing on July 17, 2023, at 4:00 PM at 2021 Opportunity Drive., Roseville, CA 95678 in lieu of the July 17, 2023, 4:30 PM regular Board meeting.

**14. Adjournment:**

President Gayaldo adjourned the meeting at 5:21PM.

Minutes approved by the Board and dated, this 17<sup>th</sup> day of July 2023 after passage.

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

Attest:

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

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## Warrants June 2023

Payment Date	Payment Type	Payee	Amount
6/1/2023	Check	HARRIS INDUSTRIAL GASES	98.54
6/1/2023	Check	CLARKE MOSQUITO CONTROL PRODUCTS INC	1,887.00
6/1/2023	Check	AMERICAN FIDELITY ASSURANCE COMPANY	805.73
6/1/2023	Check	HUNT & SONS INC - Remit-To: PO BOX 101630	2,020.75
6/1/2023	Check	SAC ICE	518.99
6/1/2023	Check	BUCKMASTER BUSINESS MACHINES	63.32
6/1/2023	Check	PRINCIPAL LIFE INSURANCE COMPANY - Remit-To: PO BOX 77202	4,324.72
6/1/2023	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	376.49
6/1/2023	Check	MIDAMERICA ADMINISTRATIVE & RETIREMENT SOLUTIONS	384.00
6/1/2023	Check	VECTOR CONTROL JOINT POWERS AGENCY	1,133.23
6/1/2023	Check	SACRAMENTO KOI	389.19
6/1/2023	Check	SIERRA STRIPING INC	4,125.00
6/2/2023	Check	BIOSEARCH TECHNOLOGIES INC (Hold)	946.71
6/2/2023	EFT Child Support	CASDU - California State Disbursement Unit (SDU)	1,178.76
6/5/2023	Check	MEDPRO WASTE DISPOSAL LLC	222.21
6/5/2023	Check	REPLICON INC	206.00
6/5/2023	Check	ARNAUDO BROS LP	2,249.10
6/5/2023	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	667.97
6/5/2023	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	2,822.37
6/5/2023	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	65.61
6/5/2023	Check	LIBERTY UTILITIES CO - Remit-To: Po Box 80374	138.73
6/5/2023	Check	SIERRA STRIPING INC	9,700.00
6/5/2023	Check	HARRIS INDUSTRIAL GASES	64.00
6/7/2023	Check	CLEAR CHANNEL OUTDOOR INC - Remit-To: PO BOX 742025	5,562.50
6/7/2023	Check	VWR FUNDING INC - Remit-To: Po Box 640169	135.84
6/7/2023	Check	VWR FUNDING INC - Remit-To: Po Box 640169	135.84
6/7/2023	Check	VWR FUNDING INC - Remit-To: Po Box 640169	454.47
6/7/2023	Check	VWR FUNDING INC - Remit-To: Po Box 640169	171.93
6/7/2023	Check	HARRIS INDUSTRIAL GASES	136.84
6/7/2023	Check	HARRIS INDUSTRIAL GASES	313.34
6/7/2023	Check	PLUTO ACQUISITION OPCO LLC	167.88
6/7/2023	Automatic Wire Payment	CALPERS	30,080.42
6/14/2023	Check	JASSO, DAVID C	1,140.00
6/14/2023	Check	JASSO, DAVID C	395.00
6/14/2023	Check	SPARK CREATIVE DESIGN	1,700.00
6/14/2023	Check	BURCHAM, KELLY J - Remit-To: 6429 TERRA WY.	1,045.99
6/14/2023	Check	HAURY, RITA E	415.50
6/14/2023	Check	CLARK, PATRICK SPENCER	1,500.00
6/14/2023	Check	PACIFIC GAS & ELECTRIC COMPANY - Remit-To: PO BOX. 997300	469.64
6/14/2023	Check	SOUTHWEST GAS CORP - Remit-To: PO BOX 24531	31.77
6/15/2023	Check	OPTIMUM	157.98
6/15/2023	Check	JASSO, DAVID C	395.00
45092	Check	US BANK NA	186.87
45092	Check	HUNT & SONS INC - Remit-To: PO BOX 101630	2,799.04
45092	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP INC	197.22
45092	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP INC	195.73
45092	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP INC	176.94
45092	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP INC	176.74
45092	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP INC	171.41
45092	Check	ARAMARK UNIFORM & CAREER APPAREL GROUP INC	128.56
45092	Check	BARTKIEWICZ, KRONICK & SHANAHAN	167.50
45092	Check	VERIZON WIRELESS - Remit-To: PO. BOX 660108	1,838.62
45093	EFT Child Support	CASDU - California State Disbursement Unit (SDU)	1,178.76
45096	Check	CONSOLIDATED COMMUNICATIONS OF CALIFORNIA	142.45
45096	Check	CONSOLIDATED COMMUNICATIONS OF CALIFORNIA	671.25
45096	Check	ALESHIRE & WYNDER LLP	517.50
45096	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	1,595.39
45096	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	166.73
45096	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	1,241.88
45100	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	380.79
45100	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	170.55
45103	Check	RED SHOE PRODUCTIONS LLC	4,300.00

## Warrants June 2023

45103	Automatic Wire Payment	CALPERS - CERBT-OPEB	95,591.00
45105	Automatic Wire Payment	CALPERS	316.80
45105	Automatic Wire Payment	CALPERS	57.60
45105	Automatic Wire Payment	CALPERS	302.40
45106	Check	HARRIS INDUSTRIAL GASES	30.17
45106	Check	HUNT & SONS INC - Remit-To: PO BOX 101630	2,762.45
45106	Check	MIDAMERICA ADMINISTRATIVE & RETIREMENT SOLUTIONS	7,239.70
45106	Check	CANNON WATER TECHNOLOGY	46.47
45106	Check	PRINCIPAL LIFE INSURANCE COMPANY - Remit-To: PO BOX 77202	4,324.72
45106	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	666.88
45106	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	3,029.80
45106	Check	ROSEVILLE CITY OF - Remit-To: PO BOX 619136	71.93
45106	Check	ARNAUDO BROS LP	2,249.10
45106	Check	BUCKMASTER BUSINESS MACHINES	22.25
45106	Check	SHAW AVIATION INSURANCE SERVICE INC	4,855.00
45106	Check	LOOK MEDIA USA LLC	14,490.00
45106	Check	PREFERRED ALLIANCE INC	42.00
45106	Check	TRIPEPI SMITH & ASSOCIATES INC	1,350.00
45106	Check	INFINITY TECHNOLOGIES	8,104.50
45106	Check	FUTURE FORD INC - Remit-To: 650 Auto Mall Dr	118.75
45107	EFT Child Support	CASDU - California State Disbursement Unit (SDU)	1,178.76

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

<b>Account Set</b>	<b>Budget</b>	<b>Actuals</b>	<b>Balance</b>	<b>% of Budget</b>
40010:Taxes - Current Secured Property				
RC0010 Taxes - Current Secured Property (GL40010)	\$ (61,275)	\$ (61,625)	\$ 350	101%
40020:Taxes - Property Tax Impounds				
RC0020 Taxes - Property Tax Impounds (GL40020)		\$ (12)	\$ 12	0%
40040:Taxes - Railroad Unitary Property				
RC0040 Taxes - Railroad Unitary Property (GL40040)	\$ (92)	\$ (91)	\$ (1)	99%
40050:Taxes - Unitary and Op Non-Unitary Property				
RC0050 Taxes - Unitary & Op Non-Unitary Property (GL40050)	\$ (2,294)	\$ (2,410)	\$ 116	105%
40060:Taxes - Current Unsecured Property				
RC0060 Taxes - Current Unsecured Property (GL40060)	\$ (1,115)	\$ (1,314)	\$ 199	118%
40070:Taxes - Delinquent Secured Property				
RC0070 Taxes - Delinquent Secured Property (GL40070)	\$ (1)	\$ 1	\$ (2)	-126%
40090:Taxes - Delinquent Unsecured Property				
RC0090 Taxes - Delinquent Unsecured Property (GL40090)	\$ (15)	\$ (16)	\$ 1	109%
40100:Taxes - Current Supplemental Property				
RC0110 Taxes - Current Supplemental Property (GL40100)	\$ (1,603)	\$ (2,869)	\$ 1,266	179%
40110:Taxes - Delinquent Supplemental Property				
RC0120 Taxes - Delinquent Supplemental Property (GL40110)	\$ (1)	\$ (1)	\$ 0	104%
40180:Other Taxes				
RC0270 Parcel Taxes (GL40180)	\$ (318,240)	\$ (323,175)	\$ 4,935	102%
42010:Investment Income	\$ (30,600)		\$ 18,017	159%
RC0560 Interest / Investment Income (GL42010)		\$ (46,758)		
RC0561 5151 Interest (GL42010)		\$ 2		
RC0580 Interest with Fiscal Agent (GL42010)		\$ (1,861)		
42030:Short-Term Rents and Concessions				
RC0600 Short-Term Rents & Concessions (GL42030)	\$ (6,000)	\$ (5,237)	\$ (763)	87%
44350:State Homeowners Property Tax Relief				
RC1440 Homeowners Property Tax Relief (GL44350)	\$ (387)	\$ (364)	\$ (23)	94%
46030:Direct Charges				
RC1720 Direct Charges (GL46030)	\$ (5,109,259)	\$ (5,205,095)	\$ 95,836	102%
46420:Self Insurance Proceeds				
RC2900 Self Insurance Proceeds (GL46420)		\$ (4,454)		0%
48030:Miscellaneous				
RC3080 Miscellaneous Other Revenue (GL48030)	\$ (20,000)	\$ (2,096)	\$ (17,904)	10%
<b>Total Revenue</b>	<b>\$ (5,550,882)</b>	<b>\$ (5,657,374)</b>	<b>\$ 106,492</b>	<b>102%</b>
51010:Salaries and Wages				
SC1010 Salaries and Wages (GL51010)	\$ 2,241,345	\$ 2,088,795	\$ 152,550	93%
51040:Overtime and Call Back				

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

<b>Account Set</b>	<b>Budget</b>	<b>Actuals</b>	<b>Balance</b>	<b>% of Budget</b>
SC1040 Overtime and Call Back (GL51040)	\$ 15,118	\$ 12,367	\$ 2,751	82%
51210:Retirement	\$ 259,997			94%
SC1210 CalPERS (GL51210)		\$ 183,607		
SC1852 CalPERS (GL51210)		\$ 61,910		
51220:Payroll Tax				
SC1220 FICA (GL51220)	\$ 45,845	\$ 37,495	\$ 8,350	82%
51240:Other Postemployment Benefits (OPEB)				
SC1858 Other Post Employment Benefits (OPEB) (GL51240)	\$ 116,828	\$ 116,828	\$ (0)	100%
51350:Emp Benefits Other Agencies				
SC1888 Employee Benefits Other Agencies (GL51350)	\$ 418,228	\$ 411,044	\$ 7,184	98%
51380:Other Benefits				
SC1897 Other Benefits (GL51380)	\$ 1,308	\$ 949	\$ 359	73%
52020:Pesticides				
SC2030 Poisons, Pesticides and Chemicals - Agricultural and Industrial (GL52020)	\$ 685,011	\$ 663,242	\$ 21,769	97%
52030:Clothing and Personal				
SC2040 Work Clothes (GL52030)	\$ 6,100	\$ 5,761	\$ 339	94%
52040:Communication Services Expense	\$ 70,192		\$ 13,619	81%
SC2085 Communication Services - Telephone (GL52040)		\$ 31,373		
SC2090 Media Services - 1099 Reportable (GL52040)		\$ 25,200		
52050:Food				
SC2110 Food and Water, All Types (GL52050)	\$ 800	\$ 736	\$ 64	92%
52060:Janitorial Supplies				
SC2120 Janitorial Supplies (GL52060)	\$ 1,448	\$ 826	\$ 622	57%
52080:Insurance				
SC2140 Insurance and Insurance Services (GL52080)	\$ 187,013	\$ 181,602	\$ 5,411	97%
52140:Parts				
SC2200 Automotive Accessories, Equipment and Parts (GL52140)	\$ 14,272	\$ 13,210	\$ 1,062	93%
52160:Maintenance	\$ 19,500		\$ (2,015)	110%
SC2260 Equipment Maintenance and Repair Services for Vehicles & Aircraft		\$ 21,013		
SC2270 Equipment Maintenance and Repair Services for General Equipment		\$ 502		
52161:Maintenance - Building				
SC2861 Maintenance - Building - 1099 Reportable (GL52161)	\$ 58,361	\$ 70,328	\$ (11,967)	121%
52170:Fuels & Lubricants				
SC2340 Gasoline, All Types (GL52170)	\$ 51,750	\$ 47,505	\$ 4,245	92%
52180:Materials - Buildings & Improvements				
SC2360 Builder's Supplies (GL52180)	\$ 1,500	\$ 42	\$ 1,458	3%
52190:Maintenance - Janitorial				
SC2430 Janitorial Management Services - 1099 Reportable (GL52190)	\$ 6,780	\$ 6,215	\$ 565	92%
52210:Services				



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

<b>Account Set</b>	<b>Budget</b>	<b>Actuals</b>	<b>Balance</b>	<b>% of Budget</b>
SC2455 Airplane/Helicopter Services NOC - 1099 Reportable (GL52210)	\$ 342,000	\$ 340,339	\$ 1,662	100%
52220:Laboratory Supplies	\$ 79,227		\$ 35,396	55%
SC2480 Clinical Laboratory Reagents and Tests (GL52220)		\$ 25,936	\$ (25,936)	
SC2500 Gases, Lab / Medical / Welding (GL52220)		\$ 5,507	\$ (5,507)	
SC2521 Laboratory Supplies (GL52220)		\$ 12,388	\$ (12,388)	
52240:Professional / Membership Dues				
SC2550 Membership / Registration / Association / Warranties (GL52240)	\$ 29,017	\$ 28,807	\$ 210	99%
52245:Warranties				
SC2555 Warranties (GL52245)	\$ 6,284	\$ 5,024	\$ 1,260	80%
52260:Misc Expense				
SC2570 Misc Expense (GL52260)	\$ -	\$ (9,975)	\$ 9,975	0%
52330:Other Supplies	\$ 16,128		\$ 9,214	43%
SC2650 First Aid and Safety Equipment and Supplies (GL52330)		\$ 3,821		
SC2660 Office Supplies (GL52330)		\$ 3,093		
52340:Postage				
SC2790 Postage (GL52340)	\$ 275	\$ 298	\$ (23)	108%
52360:Professional and Special Services - General	\$ 151,809	\$ 144,103	\$ 7,706	95%
SC2820 Personnel Services - 1099 Reportable (GL52360)		\$ 24,404		
SC2840 Collection Charges - 1099 Reportable (GL52360)		\$ 89,044		
SC2860 SB2557 Property Tax Admin Costs - 1099 Reportable (GL52360)		\$ 1,121		
SC2900 Audit Costs - 1099 Reportable (GL52360)		\$ 10,400		
SC2940 Consulting Services - 1099 Reportable (GL52360)		\$ 1,050		
SC2945 Uniform Rental and Laundry Services (GL52360)		\$ 7,038		
SC3010 Alarm Services - 1099 Reportable (GL52360)		\$ 7,273		
SC3070 AB2838 - LAFCO Fees - 1099 Reportable (GL52360)		\$ 3,773		
52370:Professional and Special Services - Legal				
SC3130 Legal Services - 1099 Reportable (GL52370)	\$ 15,000	\$ 9,555	\$ 5,445	64%
52380:Professional and Special Services - Technical, Engineering and Environmental	\$ 39,911	\$ 15,375	\$ 24,536	39%
SC3140 Building Maintenance Installation and Repair Services		\$ 171	\$ (171)	0%
SC3150 Grounds Maintenance Services - 1099 Reportable (GL52380)		\$ 6,595	\$ (6,595)	0%
SC3255 Vector and Disease Testing - 1099 Reportable (GL52380)		\$ 5,579	\$ (5,579)	0%
SC3280 Security, Fire, Safety, and Emergency Services (GL52380)		\$ 440	\$ (440)	0%
SC3322 Hazardous Waste (GL52380)		\$ 2,590	\$ (2,590)	0%
52390:Professional and Special Services - County				
SC4705 Internal Professional and Special Services (GL52390)	\$ 12,001	\$ 11,804	\$ 197	98%
52400:Professional and Special Services - Information Technology	\$ 166,874	\$ 153,843	\$ 13,031	92%
SC3360 Information Technology Services - 1099 Reportable (GL52400)		\$ 21,548		
SC3370 Data Processing, Computer, Programming, and Software Services		\$ 36,521		
SC3380 Computer Management Services - 1099 Reportable (GL52400)		\$ 95,774		

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

Account Set	Budget	Actuals	Balance	% of Budget
52440:Short-Term Rents and Leases - Equipment				
SC3460 Short-Term Equipment Rental or Lease Services	\$ 99,647	\$ 92,686	\$ 6,961	93%
52450:Short-Term Rents and Leases - Buildings & Improvements				
SC3480 Short-Term Real Property Rental or Lease - 1099 Reportable (GL52450)	\$ 26,989	\$ 26,989	\$ (0)	100%
52460:Small Tools & Instruments				
SC3530 Hardware and Related Items (GL52460)	\$ 11,057	\$ 4,980	\$ 6,077	45%
52480:PC Acquisition				
SC3560 Computers, Handheld, Laptop, and Notebook (GL52480)	\$ 10,500	\$ 13,176	\$ (2,676)	125%
52520:Trustee Meetings Compensation				
SC3630 Trustee Meetings Compensation - 1099 Reportable (GL52520)	\$ 8,400	\$ 7,200	\$ 1,200	86%
52560:Small Equipment	\$ 23,160	\$ 8,224	\$ 14,936	36%
SC3710 Electronic Equipment, Parts, and Accessories (GL52560)		\$ 1,096		
SC3881 Visual Education Supplies (GL52560)		\$ 7,128		
52570:Advertising	\$ 75,157	\$ 76,651	\$ (1,494)	102%
SC3890 Marketing Services - 1099 Reportable (GL52570)		\$ 76,357		
SC3895 Publications and Legal Notices (GL52570)		\$ 294		
52590:Tuition Reimbursement				
SC4070 Tuition Reimbursement (GL52590)	\$ 4,000	\$ 4,580	\$ (580)	115%
52650:Landfill Dump Fee	\$ 110	\$ -	\$ 110	0%
52785:Training / Education				
SC4000 Educational/Training Services - 1099 Reportable (GL52785)	\$ 4,700	\$ 2,411	\$ 2,289	51%
52790:Transportation and Travel	\$ 23,385	\$ 21,442	\$ 1,943	92%
SC4280 Travel & Transportation (GL52790)		\$ 19,345		
SC4290 Mileage (GL52790)		\$ 2,097		
52800:Utilities				
SC4340 Utilities (GL52800)	\$ 79,546	\$ 60,836	\$ 18,710	76%
53040:Lease Purchase Principal				
SC4720 Lease Purchase Principal (GL53040)	\$ 279,000	\$ 279,000	\$ -	100%
53080:Lease Purchase Interest				
SC4760 Lease Purchase Interest (GL53080)	\$ 61,001	\$ 60,717	\$ 284	100%
<b>Total Expenses ( Non Capital Assets )</b>	<b>\$ 5,766,574</b>	<b>\$ 5,389,358</b>	<b>\$ 377,216</b>	<b>93%</b>
Total Capital Assets				
54450:Equipment	\$ 76,753	\$ 60,054	\$ 16,699	78%
SC2520 CA Laboratory Equipment (GL54450)	\$ -	\$ 41,753	\$ (41,753)	
SC2680 CA Aircraft and Airport Equipment (GL54450)	\$ -	\$ 12,156	\$ (12,156)	
SC5220 CA Trailers (GL54450)	\$ -	\$ 6,144	\$ (6,144)	
<b>Total Expenses</b>	<b>\$ 5,843,327</b>	<b>\$ 5,449,412</b>	<b>\$ 393,915</b>	<b>93%</b>

## Board Review and Consideration to Amend the FY 2023-2024 District Pay Scale

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### **Background:**

The District Pay Scale was approved by the Board on June 26, 2023, after approval, staffed identified an error on the Assistant Manager pay scale. The attached pay scale corrects the error retroactively to July 1, 2023.

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### **Fiscal Impact:**

none

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### **Staff Recommendation:**

Staff recommends the Board approve the corrected District pay scale as presented.



Fiscal Year 2023-2024  
**Pay Scale (Amended)**  
Retroactive to July 1<sup>st</sup>, 2023

	STEPS (Hourly Pay Rates)				
JOB CLASSIFICATIONS	A	B	C	D	E
Accounting Technician	29.83	31.70	33.56	35.43	37.29
Assistant Manager	56.58	60.11	63.65	67.18	70.72
Field Station Manager	40.55	43.09	45.62	48.16	50.69
General Manager	70.07	74.45	78.83	83.21	87.59
Public Information Officer	41.10	43.67	46.24	48.81	51.38
Secretary	29.01	30.82	32.64	34.45	36.26
Senior Research Scientist	42.32	44.97	47.61	50.26	52.90
Supervisor	46.45	47.67	48.89		
Vector Biologist	36.80	39.09	41.39	43.69	45.99
Vector Control Technician I	26.65	28.13	29.61		
Vector Control Technician II	33.56	35.66	37.76	39.85	41.95
Vector Control Technician Lead	43.05	44.18	45.32		

Approved by the Board of Trustees of the Placer Mosquito and Vector Control District (PMVCD) on **July 17, 2023**, in compliance with CalPERS CCR Title 2, Section 570.5 and PMVCD employee associations' Memorandums of Understanding. This pay scale will be updated annually at the beginning of each fiscal year, or as needed.

Attest:

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

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

## Board Review and Consideration to purchase a Hylio AG-230 Unmanned Aircraft System.

---

### **Background:**

The District has been pioneering the use of unmanned aircraft systems (UAS), commonly known as drones in mosquito control since 2016, and is working to upgrade its UAS to improve the efficacy and efficiency of mosquito larviciding and adulticiding over the next five years. As of February 2023, the district's first generation of spray drone, DJI AGRAS MG-1s, is being phased out of field use due to it being at end-of-life and no longer supported by the manufacturer. As a result of this, we have lost software capabilities such as the ability to view maps on the controller that makes continued use of this system unsafe

In March 2023, the District ordered the first of two planned UAS to replace the DJI AGRA MG-1s. The Hylio AG-210, which is classified as a small spray drone (under 55 lbs. gross takeoff weight) and has a payload of 22 lbs and is expected to be delivered in September 2023. Small drones can legally operate in areas that large drones (55 lbs. and over) are not able to. While the Hylio AG-210 will be used to treat smaller areas in closed proximity to structures, roads, or people, and to support research and development of a UAS based mosquito adulticide capability, its limited payload makes it less efficient for large areas such as rice fields and pastures.

The second UAS we propose the purchase of is the Hylio AG-230 which has a payload of 43lbs. and if ordered in July, would arrive around December 2023. This larger UAS can more effectively treat larger areas such as small rice fields, pastures, or other rural areas. This will allow the district to better tailor larvicide applications to address specific hot spots that may need additional treatment or would be less economical to do with the manned aircraft.

Together, the smaller AG-210 and the larger AG-230 will be able to provide district operations the capability to respond more quickly with greater precision to prevent and manage mosquitoes in rural and urban habitats. While large scale treatments using manned aircraft will still be necessary for the foreseeable future, we expect UAS treatments to augment or enhance manned aircraft applications especially in remote rural communities, and in urban rural interface areas.

**Fiscal Impact:**

Please see the attached quote for the Hyllo AG-230 in the amount of \$45,300 plus tax which equals \$48,677.50. Purchase of the Hyllo AG-230 would be a capital expense funded from the district's capital designation. If approved, a budget amendment would be presented to the board for approval to appropriate funds from the capital designation to the proper spend account.

---

**Staff Recommendation:**

Staff recommends the board approve the purchase of the Hyllo AG-230 UAS using capital designation funds not to exceed \$50,000.

**Hyllo, Inc.**  
1020 Agnes Road  
Richmond, TX 77469  
Sales: +1-832-219-6778  
General: +1-877-495-4669  
<https://www.hyl.io>  
[orders@hyl.io](mailto:orders@hyl.io)

**CONFIGURATOR QUOTE**  
QUOTE ID: 3947E9C7  
1X AG230 - SPRDR  
KURTGEORGE@HYL.IO



QTY	PRODUCT	UNIT PRICE	TOTAL PRICE
1	AG-230 Base Price	\$30,000.00	\$30,000.00
1	FPV Camera System	included	
1	20L Spreader System	\$4,000.00	\$4,000.00
1	Obstacle Avoidance System	included	
1	Handheld RC Controller	included	
1	AG-230 Toolkit	included	
1	2 Pumps + 2 Flowmeters Spray System	\$1,000.00	\$1,000.00
1	FAA Regulatory Onboarding	included	
			KIT TOTAL \$35,000.00
ACCESSORIES			
8	12S 16000 mAh Battery	\$675.00	\$5,400.00
4	3000w Battery Charger	\$900.00	\$3,600.00
1	Spare Parts Kit AG-230	\$1,300.00	\$1,300.00
		50% DEPOSIT \$22,650.00	GRAND TOTAL \$45,300.00

## Terms

Minimum of 50% of total due to begin production

Remaining balance due before shipment

## Payment Instructions

**Please contact our sales team at (832) 219-6778  
to pay by electronic bank transfer**

**Pay by Check:**

**Make Check Payable to:** Hyllo, Inc.

**Mail Check to:** 1020 Agnes Rd, Richmond, TX 77469

**Purchase Orders:**

**Send Purchase Orders to:** [orders@hyl.io](mailto:orders@hyl.io)



TANK CAPACITY

8 gallons

EFFICIENCY

Up to 50 ac/hr @ 1gpa

MAX SPRAY RATE

2.6 gpm

SWATH WIDTH

Up to 35 feet



AG-230

AGRICULTURAL SPRAY DRONE

OPERATIONAL: 81" x 81" x 35" | FOLDED: 44" x 44" x 35"

Your Kit Includes:

Tank Capacity	Two 4 gallon tanks = 8 gallons
Efficiency	Up to 50 acres per hr @ 1 gallon per acre
Max Spray Rate	2.6 gallons per minute (no nozzles max)
Swath Width	Up to 35 feet
Obstacle Avoidance	Millimeter-wave radars (both forward and backward facing)
FPV	1080p HD first-person-view live camera feed
Toolkit	Includes torque wrench, pliers, screwdrivers, digital level, GPS tracker, and more
Software	Lifetime license to AgroSol (Ground Control Software) standard edition
Training	Comprehensive manuals and simulation training program
Shipping	Domestic shipping to 48 contiguous states, drone is shipped fully assembled
Regulatory Assistance	FAA documentation and consulting
One Year Manufacturer Warranty	Covers manufacturer defects

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## Board Review and Consideration to Purchase Replacement Hand Foggers

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### **Background:**

The District needs to replace three aging London Fog hand foggers which are regularly used to treat small localized adult mosquito infestations during service requests. The district's current aging London Colt hand foggers are nearly 20 years old and are becoming increasingly difficult to calibrate and maintain. Staff have spent time evaluating several available types of hand foggers available on the market and specifically requested the purchase of new London Fog Colt4 gas-powered hand foggers to replace old models.

---

### **Fiscal Impact:**

Please see the attached quote for three London Fog Colt4 hand foggers in the amount of \$12,671.40 including tax. Because each fogger is less than the capital asset threshold of \$5000, this equipment would not be considered a capital asset, however we propose to use funds from the district's capital designation. If approved, a budget amendment would be presented to the board for approval to appropriate funds from the capital designation to the proper spend account.

---

### **Staff Recommendation:**

Staff recommends the board approve the purchase of three London Fog Colt4 hand foggers using capital designation funds not to exceed \$12,672.



524 Galveston St  
West Sacramento, CA  
95691  
916-374-9900  
800-533-0816  
FAX 916-374-0900

## Quotation

Contact: Mike Ashley  
Customer: Placer MVCD  
Address: 2021 Opportunity Dr  
City, State: Roseville, CA  
Zip: 95678

Quotation #:  
Date: 7/12/2023  
Customer ID:

PO #	TSP Order #	Sales Rep	FOB	Ship Via	Terms	Shipping Date
		J. Camacho			Net 30	

Item #	Quantity	Description	UOM	Unit Price	Total
I513948	3	London Fogger Colt-4	Each	\$3,920.00	\$11,760.00

Subtotal \$11,760.00  
Shipping FREE  
Taxes \$911.40  
Misc  
Balance \$12,671.40

**Special Notes and Instructions**  
This quote is valid for 90 days. Free shipping on orders greater than \$700.  
The prices quoted do not include any sales tax. Sale tax will be added at time of invoicing.

Quote Prepared By:

**Joe Camacho**

Vector Specialist

916-291-3173

Sales Representative

joe.camacho@target-specialty.com



## Public Information and Outreach Report

Reporting period: June 2023

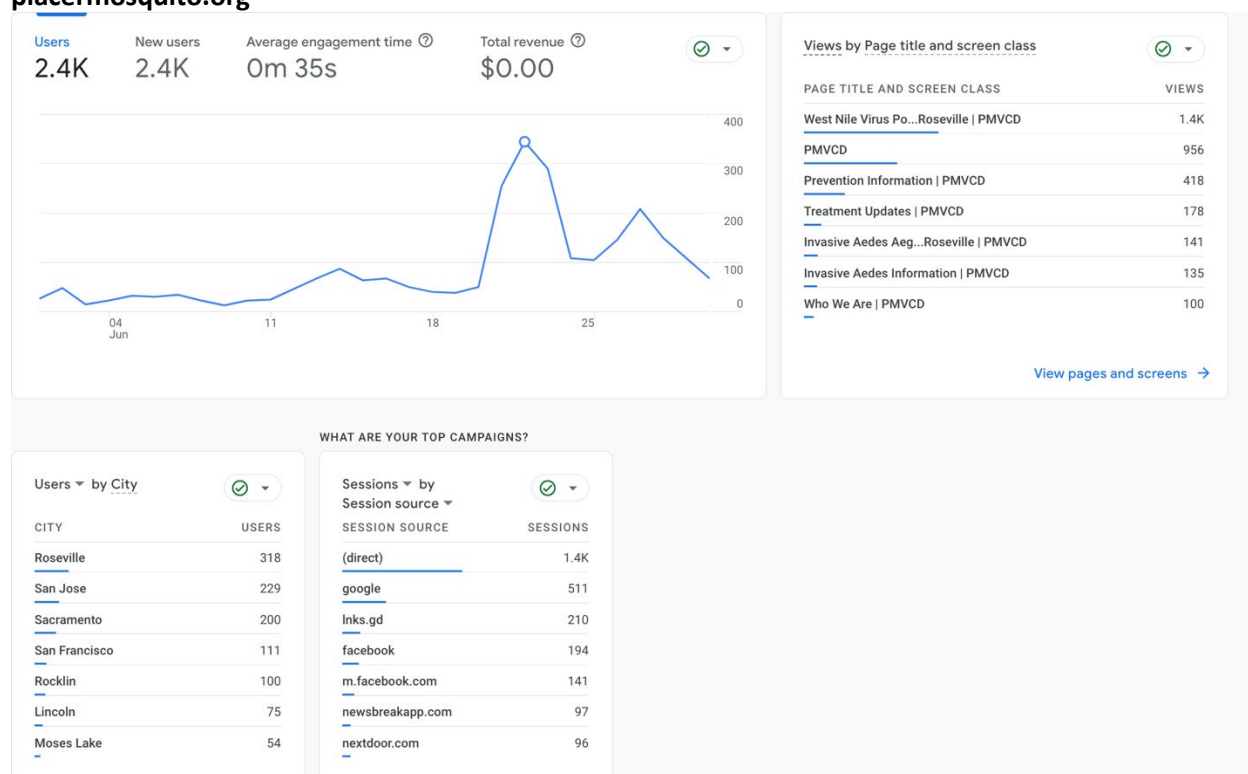
Prepared by: Meagan Luevano, Public Information Officer

### AT-A-GLANCE

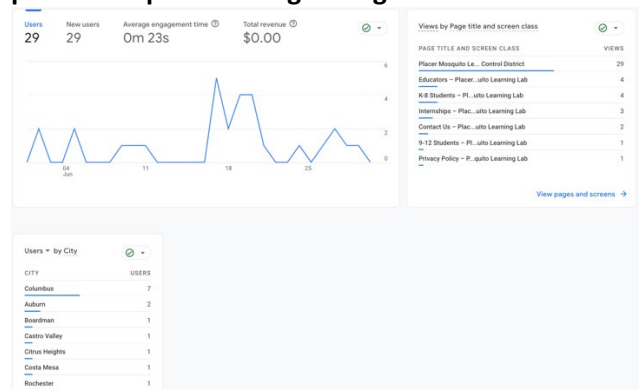
- We received media coverage of snowmelt mosquitoes in local and Tahoe/Reno publications.
- With the help of our social media intern, social media engagement is increasing rapidly!

### WEBSITE ANALYTICS

#### placermosquito.org



#### placermosquitolearninglab.org





### CITY COUNCIL PRESENTATIONS

- City of Roseville, June 21 - complete
- Placer County Board of Supervisors, June 27 - complete
- Town of Loomis, July 11
- City of Colfax, July 12
- City of Lincoln, August 8
- City of Auburn, August 14
- City of Rocklin, August 22
- Video report to MACs – August 2023

### COMMUNITY OUTREACH AND EDUCATION EVENTS

- National Night Out Blue Oaks Park Roseville – August 1

### SCHOOL OUTREACH

- Planning for 2023/24 school assemblies

### OUTREACH MATERIALS/SOCIAL MEDIA/ADVERTISING

- Ongoing social media development
- Monthly eblasts
- Treatment notifications
- PCWA partnership planning
- Invasive *Aedes* and West Nile virus strategic communications outreach - ongoing

#### Profiles

Review your aggregate profile and page metrics from the reporting period.

Profile	Audience	Net Audience Growth	Published Posts	Impressions	Engagements	Engagement Rate (per Impression)	Video Views
<b>Reporting Period</b>	<b>3,007</b>	<b>35</b>	<b>46</b>	<b>10,294</b>	<b>800</b>	<b>7.8%</b>	<b>2,540</b>
Jun 1, 2022 – Jun 30, 2022	↗ 6.6%	↗ 169.2%	↗ 21.1%	↗ 56.4%	↗ 222.6%	↗ 106.2%	↗ 9,307.4%
<b>Compare to</b>	<b>2,822</b>	<b>13</b>	<b>38</b>	<b>6,581</b>	<b>248</b>	<b>3.8%</b>	<b>27</b>
May 1, 2021 – May 30, 2021							
Placer Mosquito and ...	—	1	0	0	0	—	—
placermosquito	404	10	13	1,474	125	8.5%	592
@PlacerMosquito	1,095	8	16	3,556	159	4.5%	575
Placer Mosquito & Ve...	1,508	16	14	5,264	516	9.8%	1,373
Placer Mosquito	—	—	3	N/A	0	N/A	—





#### INTERNAL COMMUNICATIONS & NEWS

- N/A

#### MEDIA RELATIONS

- [CBS13 Sacramento](#)
- [KCRA 3](#)
- [NBC News 4 Reno](#)
- Tahoe Daily Tribune – Interview complete, waiting for coverage to be live.
- [Backpacker Magazine](#)
- [San Francisco Chronicle](#)

#### PROFESSIONAL TRAININGS & CONFERENCES

- N/A

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# Field Operations and Surveillance Report

Prepared July 10, 2023

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Supervisors: Mike Ashley, Scott Schon

## Mosquito Surveillance & Vector-borne Disease Testing

### • Adult Mosquito Abundance

- During June and beginning of July, the abundance of *Culex tarsalis*, which primarily breeds in the rice fields, substantially increased (Figure 1), both aerial adulticide and larvicide applications were made to help control the abundance of *Culex tarsalis* and the spread of West Nile virus.
- Figure 2 shows a decrease of *Culex pipiens* during weeks 26-28 (June 25- July 10). This decrease is mainly due to our truck adulticide and additional larvicide applications within the Lincoln log decks in response to finding WNV positive mosquito samples.

Figure 1: *Culex tarsalis* adult mosquito count per trap night (red line), compared to the three-year average (green bars) by calendar weeks. (Week 28 represents July 2-15)

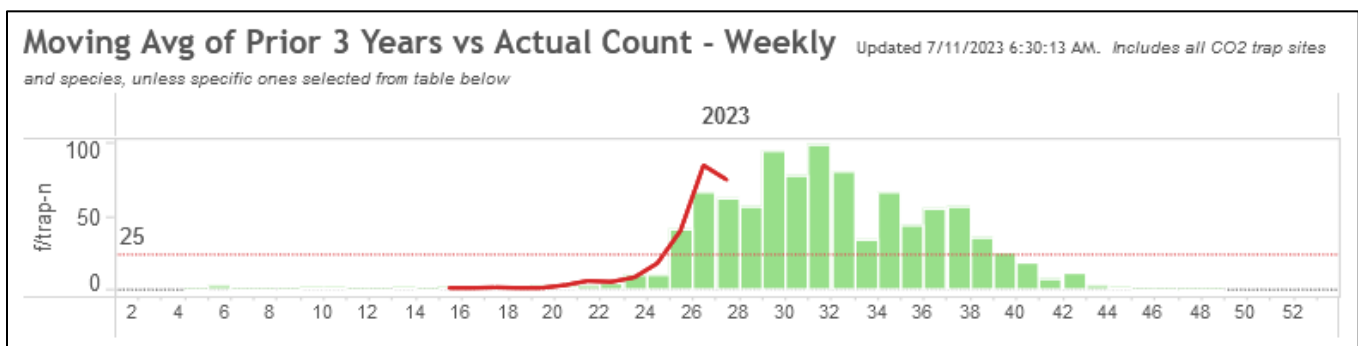
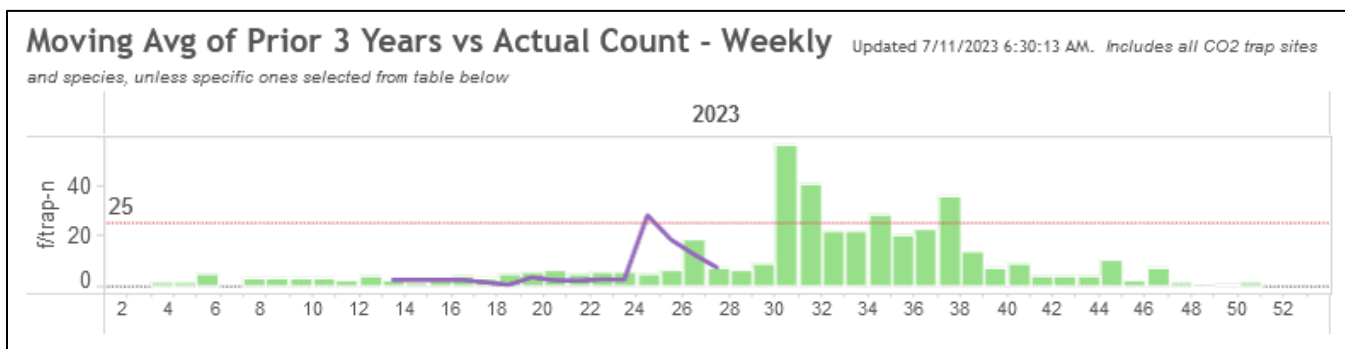


Figure 3: *Culex pipiens* adult mosquito count per trap night (purple line), compared to the three-year average (green bars) by calendar weeks. (Week 28 represents July 2-15)



- **Invasive Mosquitoes**

- In addition to the June 13 detection of invasive *Aedes* in the Cherry Glen neighborhood in Roseville, we have also detected invasive *Aedes* in the adjacent neighborhood of Thieles Manor.
- These detections further confirm an endemic population of *Aedes aegypti* in these neighborhoods.
- Door to door inspections, additional trapping and adulticide and larvicide applications are being performed in response.

- **Vector-borne Disease Testing**

- Mosquitoes: **14** WNV positive mosquito samples (*Cx. tarsalis*) out of 559 tested have been detected in 2023.
- Dead Bird: **Three** positive birds (WNV) out of 64 tested have been detected in 2023.

Positive Detections for 2023 Year to Date (January 1- July 7)			
	WNV	SLE	WEE
<b>Mosquito Samples</b>	14/559	NA	NA
<b>Dead Birds</b>	3/64	NA	NA

## Operations

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- **Source Work**

- In the month of June, Vector Control Technicians completed 129 service requests (75% within one day, 93% within 3 days).
- Made 731 treatments to both adult and larval mosquito sources, including 1 UAS larvicide application.

- **Aerial Larvicide Treatments**

- In June, we started weekly aerial larvicide treatments to all organic and conventional rice fields in Placer County with the goal of reducing mosquito production across the county. As we move forward in the season, we will adjust treatment areas based on proximity to population, disease detection, and mosquito abundance. This will allow us to focus resources to higher priority areas.

- **Aerial Adulticide Treatments**

- In response to high abundance of adult *Culex tarsalis* and positive West Nile virus mosquitoes, two separate nights of aerial adulticide ultra-low volume (ULV) applications were made in Placer County.
  - Applications included the areas of Lincoln, Elverta and the West Roseville neighborhoods of West Park, Sun City, Sierra Vista, and rural agriculture areas of west Placer County.



- **Ground Adulticide Treatments**

- In response to high abundance of adult *Culex tarsalis*, positive West Nile virus mosquitoes, and invasive *Aedes* detections ground adulticide truck applications were made on three separate days to areas of Lincoln, rural agricultural of western Placer and the Roseville neighborhoods of West Park, Theiles Manor, and Cherry Glen.

- **Catch Basin Treatments**

- On July 10, field technicians started second round of inspecting and treating approximately 6,000 catch basins. Catch basins are a primary source of *Culex pipiens*, one of the major vectors of WNV.

- **Fisheries & Biological Control**

- In the month of June, Vector Control Technicians stocked 163 mosquito larval sites, totaling in over 3,193 mosquitofish (*Gambusia affinis*).
- Additional mosquitofish were harvested from local sources, and mosquitofish breeding has begun recently.

Fish Production	June 2023	2023 Season to Date	2023 Season to Date
Adult mosquitofish stocked	3,193 (7 lbs)	10,772 (23.9 lbs)	7,408 (16.4 lbs)
Fry produced in-house	0	0	0
Fish harvested from the wild	3,600 ( 8 lbs)	6,750 (15lbs)*	19,350 (43 lbs)*

\*With the assumption of 450 adult fish per pound