



Orange County Mosquito and Vector Control District

Serving Orange County Since 1947

**NOTICE AND AGENDA
OF THE REGULAR MEETING OF THE BOARD OF TRUSTEES
THURSDAY FEBRUARY 15, 2024
922ND REGULAR MEETING 3:00 P.M.
13001 GARDEN GROVE BLVD.
GARDEN GROVE, CA 92843
WEBSITE ADDRESS: www.ocvector.org
REGULAR MEETING 3:00 P.M.**

A. PLEDGE OF ALLEGIANCE AND ROLL CALL

1. Call business meeting to order 3:00 p.m.
2. Pledge of Allegiance
3. Roll Call - (If absences occur, consider whether to deem those absences excused based on facts presented for the absence — such determination shall be the permission required by law.)

PRESIDENT:	Craig Green	Placentia
VICE-PRESIDENT:	Cecilia Hupp	Brea
SECRETARY:	Robert Ruesch	Mission Viejo

Aliso Viejo	Richard Hurt	Lake Forest	Robert Pequeño
Anaheim	Carlos Leon	Los Alamitos	Tanya Doby
Brea	Cecilia Hupp	Mission Viejo	Robert Ruesch
Buena Park	Joyce Ahn	Newport Beach	Erik Weigand
Costa Mesa	William Turpit	Orange	Jon Dumitru
Cypress	Bonnie Peat	Placentia	Craig Green
Dana Point	John Gabbard	Rancho Santa Margarita	April Josephson
Fountain Valley	Kim Constantine	San Clemente	Steve Knoblock
Fullerton	Shana Charles	San Juan Capistrano	John Taylor
Garden Grove	Stephanie Klopfenstein	Santa Ana	Nelida Mendoza
Huntington Beach	Pat Burns	Seal Beach	Nathan Steele
Irvine	Tammy Kim	Stanton	Gary Taylor
La Habra	James Gomez	Tustin	Rebecca Gomez
La Palma	Debbie S. Baker	Villa Park	Crystal Miles
Laguna Beach	Mark Orgill	Westminster	Amy Phan West
Laguna Hills	Erica Pezold	Yorba Linda	Peggy Huang
Laguna Niguel	Gene Johns	County of Orange	Lisa Fernandez
Laguna Woods	Shari Horne		

B. PUBLIC COMMENTS:

(Individual Public Comments may be limited to a 3-minute or less time limit)

During Public Comments, the public may address the Board on any issue within the District's jurisdiction which is not on the agenda. The public may comment on any item on the agenda at the time that item is before the Board for consideration. Any person wishing to speak must come up and speak from the lectern. There will be no dialog between the Board and the commenter. Any clarifying questions from the Board must go through the Board President.

C. PRESENTATIONS:

1. Recognize Outgoing Trustees: Jung, Guillen-Merchant
2. Staff will give a presentation entitled "A Look Back on 2023 at the District"
3. District Counsel will give a presentation entitled "Trustee Roles and Responsibilities"

D. OCMVCD COMMITTEE REPORTS TO THE BOARD OF TRUSTEES: NONE

E. CONSENT CALENDAR:

All matters listed under the CONSENT CALENDAR are considered by the District to be routine and will be enacted by one motion. Any member of the Board may pull an item from the Consent Calendar for additional clarification or action.

1. Approve the DRAFT Minutes for the regular meeting on January 18, 2024
2. Approve Warrant Register for December 2023 (Exhibit A)
3. Approve Monthly Financial Report for December 2023 (Exhibit A)
4. Approve Board of Trustee Committee Assignments for 2024 (Exhibit A)

F. BUSINESS ITEMS:

1. Approve First Amended Employment Agreement Between the Orange County Mosquito and Vector Control District and its District Manager (Exhibit A, B)
 - i. Oral Report of Proposed Executive Compensation (Government Code Section 54953 (c)(3) District Manager Lora Young
 - ii. Approve First Amended Employment Agreement with District Manager Lora Young

G. INFORMATIONAL ITEMS ONLY: (NO ACTION NECESSARY)

1. Staff Presentation: Staff will give an update on vector activity in Orange County
2. Staff Presentation: Staff will give an update on operations activity in Orange County
3. Staff Presentation: Staff will give an update on outreach activity in Orange County
4. Receive and File Trustee Terms of Office to Expire on January 1, 2024 at 11:59 AM
5. Receive and File Fiscal Year 2024-25 Budget Preparation Schedule
6. Receive and File Statement of Economic Interests 700 Forms for Filing
7. Receive and File Laboratory Reports – Included in agenda packet

H. PRESIDENT'S REPORT AND TRUSTEE COMMENTS:

I. DISTRICT MANAGER REPORT: Discussion and Possible Action

J. DISTRICT LEGAL COUNSEL REPORT: Discussion and Possible Action

K. CORRESPONDENCE: Discussion and Possible Action

1. Trustee and Staff Reports from Conferences Attended in January 2024

L. FUTURE AGENDA ITEMS:

M. ADJOURNMENT:

1. Adjourn to the next regular meeting on March 21, 2024 starting at 3:00 p.m. at the Orange County Mosquito and Vector Control District offices, 13001 Garden Grove Blvd., Garden Grove, CA 92843.

MINUTES OF THE 921st MEETING

**BOARD OF TRUSTEES
Orange County Mosquito and Vector Control District**

TIME: 3:00 P.M. January 18, 2024

PLACE: 13001 Garden Grove Blvd., Garden Grove, CA 92843

PRESIDENT:	Craig Green	Placentia
VICE PRESIDENT:	Cecilia Hupp	Brea
SECRETARY:	Robert Ruesch	Mission Viejo

TRUSTEES PRESENT:

Aliso Viejo	Richard Hurt	Laguna Woods	Shari Horne
Anaheim	Carlos Leon	Lake Forest	Robert Pequeño
Brea	Cecilia Hupp	Los Alamitos	Tanya Doby
Buena Park	Joyce Ahn	Mission Viejo	Bob Ruesch
Costa Mesa	Bill Turpit	Newport Beach	Erik Weigand
Cypress	Bonnie Peat	Orange	Jon Dumitru
Fountain Valley	Kim Constantine	Placentia	Craig Green
Fullerton	Shana Charles	Rancho Santa Margarita	April Josephson
Garden Grove	Stephanie Klopfenstein	San Clemente	Steve Knoblock
Huntington Beach	Pat Burns	Santa Ana	Nelida Mendoza
Irvine	Tammy Kim	Seal Beach	Nathan Steele
La Habra	James Gomez	Stanton	Gary Taylor
La Palma	Debbie S. Baker	Tustin	Rebecca Gomez
Laguna Beach	Mark Orgill	Villa Park	Crystal Miles
Laguna Hills	Erica Pezold	Yorba Linda	Peggy Huang
Laguna Niguel	Gene Johns	County of Orange	Liz Guillen-Merchant

TRUSTEES ABSENT:

Dana Point	John Gabbard	Westminster	Amy Phan West
San Juan Capistrano	John Taylor		

OTHERS PRESENT:

Lora Young, District Manager
Miquel Jacobs, Director of Communications
Amber Semrow, Director of Scientific Technical Services
Steve Shepherd, Director of Operations
Tawnia Pett, Executive Assistant/Clerk of the Board
Alan Burns, District Counsel

A. Opening:

1. **Call the Business Meeting to Order:** President Huang called the meeting to order at 3:00 P.M.
2. **Pledge of Allegiance:** President Huang asked Vice President Green to lead the Pledge of Allegiance.
3. **Roll Call:** Thirty-two Trustees were present out of the current Board membership of 35.

After Roll Call President Huang introduced the new Trustees: Carlos Leon from Anaheim, Shana Charles from Fullerton, and Pat Burns from Huntington Beach.

4. **Election of Officers of the 2024 Executive Board:** President Huang presented a slate for nominations: Vice President Green for President, Secretary Hupp for Vice President, and Trustee Ruesch for Secretary and to close nominations for those offices. Trustee Miles seconded the motion.

Vote to close Nominations:

Ayes: Trustees Hurt, Leon, Hupp, Ahn, Turpit, Peat, Constantine, Charles, Klopfenstein, Burns, Kim, J. Gomez, Baker, Orgill, Johns, Horne, Pequeño, Doby, Ruesch, Weigand, Dumitru, Green, Josephson, Knoblock, Mendoza, Steele, G. Taylor, R. Gomez, Miles, and Huang.

Noes: None.

Abstained: None.

Absent: Trustees Gabbard, Pezold, J. Taylor, West, and Guillen-Merchant.

Vote for the slate as nominated by President Huang:

Ayes: Trustees Hurt, Leon, Hupp, Ahn, Turpit, Peat, Constantine, Charles, Klopfenstein, Burns, Kim, J. Gomez, Baker, Orgill, Johns, Horne, Pequeño, Doby, Ruesch, Weigand, Dumitru, Green, Josephson, Knoblock, Mendoza, Steele, G. Taylor, R. Gomez, Miles, and Huang.

Noes: None.

Abstained: None.

Absent: Trustees Gabbard, Pezold, J. Taylor, West, and Guillen-Merchant.

The Board of Trustees elected Craig Green as President, Cecilia Hupp as Vice President, and Robert Ruesch as Secretary.

B. Public Comments: None

C. Presentations:

1. Recognized Outgoing President Huang.
2. Recognized Outgoing Trustees Kring and Posey (Trustee Posey was not present).

D. OCMVCD Committee Reports to the Board of Trustees:

1. Executive Committee: Past President Huang reported that the committee met [in closed session] to discuss the District Manager's evaluation, the goals she has accomplished, the goals she has set for the District for the upcoming year, and compensation package which will be discussed in closed session.
2. Budget and Finance Committee: Committee Chair G. Taylor reported that PARS staff gave a presentation that all of the District funds are well funded and the District has a balanced budget.

E. Closed Session/Open Session:

1. Closed Session: President Green called for closed session at 3:12 PM
 - a. Pursuant to Government Code Section 54957, (Performance Evaluation),
 - b. Pursuant to Government Code Section 54957.8 (Conference with labor negotiator)
2. Open Session: Open Session resumed at 3:49 PM. District Counsel Burns reported that there was no reportable action except the Board gave authority to the President to negotiate.

F. Consent Calendar: Items for Approval by General Consent:

On motion from Trustee Kim, seconded by Trustee Horne, and approved by unanimous vote, the Board of Trustees approved Consent Calendar Items F.2 through F.4 Agenda Item F.1 was passed by majority vote due to absences at the previous Board Meeting (Abstained: Trustees Leon, Hupp, Charles, Klopfenstein, Burns, J. Gomez, Pezold, and Guillen-Merchant).

Ayes: Trustees Hurt, Leon, Hupp, Ahn, Turpit, Peat, Constantine, Charles, Klopfenstein, Burns, Kim, J. Gomez, Baker, Orgill, Johns, Horne, Pequeño, Doby, Ruesch, Weigand, Dumitru, Green, Josephson, Knoblock, Mendoza, Steele, G. Taylor, R. Gomez, Miles, and Huang.

Noes: None.

Abstained: None.

Absent: Trustees Gabbard, Baker, J. Taylor, and West.

1. **Approval of Minutes:** Approved, without reading, the minutes of 920th Meeting of the Board of Trustees held December 21, 2023.
2. **Approved Warrant Register for November 2023: (Exhibit A)** Received and filed.
3. **Approved Monthly Financial Report for November 2023: (Exhibit A)** Received and filed.
4. **Adopted Resolution No. 569 Authorizing the Deployment of Vector Personnel and Resources for Natural Disaster Relief Works: (Exhibit A)**

G. Business Items: None**H. Informational Items Only (No Action Necessary):**

1. **Staff Presentation:** Director of Scientific Technical Services Semrow gave an update of vector activity in Orange County.
2. **Staff Presentation:** Director of Operations Shepherd gave an update of operations activity in Orange County.
3. **Staff Presentation:** Director of Communications Jacobs gave an update of outreach activity in Orange County.
4. **Received and Filed Trustee Terms of Office to Expire on January 1, 2024 at 11:59 AM**
5. **Received and Filed Board of Trustee Committee Assignments for 2024: (Exhibit A, B)**
6. **Received and Filed 2023 Trustee Attendance Report: (Exhibit A)**
7. **Received and Filed Laboratory Reports – Included in agenda packet.**

I. **President's Report and Trustee Comments:**

1. Trustee Josephson suggested the Director of Scientific Technical Services Semrow present to the HR [High Risk] 9 cities before mosquito season starts

J. **District Manager's Report:** District Manager Young reported:

1. Any Trustee that wants a presentation for Council Meetings should contact the District
2. Miquel Jacobs, the Director of Communications, was introduced to the Board
3. Trustees and District staff will attend the MVCAC Annual Conference January 21-24 in Monterey, CA.
4. Committee selections need to be in to Clerk of the Board Pett by January 25.
5. The February Board Meeting is the annual Open House before the Board Meeting
6. The annual Employee Recognition breakfast was January 8. [Photos of the event were shown in the agenda presentation]

K. **District Counsel Report: None**

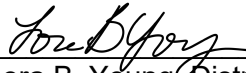
L. **Correspondence: None**

M. **Future Agenda Items: None**

N. **Adjournment:**

1. President Green adjourned the meeting at 4:08 P.M. to a regular meeting on Thursday, February 15, 2024.

I certify that the above minutes substantially reflect the actions taken by the Board of Trustees at its meeting held January 18, 2024.



Lora B. Young, District Manager

Approved as written and/or corrected by the Board of Trustees at its 922 _____

Nine hundred and twenty-second _____ meeting held February 15, 2024 _____

ATTEST: _____
Robert Ruesch, Secretary



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

February 15, 2024

AGENDA REPORT

AGENDA ITEM E.2

Prepared By: Tan Nguyen, Finance Manager
Submitted By: Lora Young, District Manager

Agenda Title:

Approve Warrant Register for December 2023

Recommended Action:

Receive and file.

Executive Summary:

Receive and file payment of December warrant register dated February 15, 2024, in the amount of \$416,923.90 as presented by in-house check runs dated December 7, 8, 12, 14, 21, and 28, 2023.

Strategic Plan Compliance:

Complies with PRIORITY AREA 11: Fiscal Responsibility/Financial, GOAL 11.1: Conduct the Business and Operational Functions of the District in the most cost efficient and effective manner that prioritizes both fiscal and fiduciary responsibility to the residents of Orange County by ensuring a robust system of financial checks and balances are in place.

Fiscal Impact:

What Amount is being requested? N/A

Is the Amount Requested Budgeted in the Current Fiscal Year?

If No, What Funds Are Requested?

Previous Relevant Board Actions for This Item:

Exhibits:

Exhibit A: December 2023 Warrant Report

ORANGE COUNTY MOSQUITO & VECTOR CONTROL DISTRICT

REGISTER OF DEMANDS February 15, 2024

ACCOUNTS PAYABLE REGISTER

ORANGE COUNTY MOSQUITO & VECTOR CONTROL DISTRICT

REGISTER OF DEMANDS - AP REGISTER 02/15/24

AP/Check Run	12/7/2023	62,407.66
AP/Check Run	12/14/2023	49,058.55
AP/Check Run	12/21/2023	37,485.96
AP/Check Run	12/28/2023	10,670.29
P/R EEASSOC	12/8/2023	735.00
P/R ICMA	12/8/2023	24,629.91
P/R USB	12/8/2023	679.79
P/R CalPERS1	12/12/2023	44,502.40
P/R EDD	12/12/2023	13,464.93
P/R IRS	12/12/2023	41,126.65
P/R NATION	12/12/2023	4,855.00
P/R TASC	12/12/2023	1,964.88
P/R EDD	12/14/2023	209.28
P/R TASC	12/14/2023	411.50
P/R CalPERS1	12/21/2023	44,480.33
P/R EDD	12/21/2023	11,371.90
P/R EEASSOC	12/21/2023	735.00
P/R ICMA	12/21/2023	25,065.25
P/R IRS	12/21/2023	35,575.29
P/R NATION	12/21/2023	4,735.00
P/R TASC	12/21/2023	1,964.88
P/R USB	12/21/2023	794.45
Total		416,923.90

I hereby certify that the claims or demands covered by the foregoing listed warrants have been audited as to the accuracy and availability of funds for payment thereof. Subscribed and sworn on this 15th day of February 2024.


Lora Young, District Manager


Tan Nguyen, Finance Manager

Accounts Payable

Checks by Date - Summary by Check Date

User: dmedina@ocvector.org
 Printed: 2/1/2024 8:49 AM



Check No	Vendor No	Vendor Name	Check Date	Check Amount
ACH	GRAINGER	Grainger	12/07/2023	65.49
ACH	TARGET	Target Specialty Products	12/07/2023	9,431.24
ACH	VERIZON	Verizon Wireless Services LLC	12/07/2023	6,068.59
28128	ATT2	AT&T	12/07/2023	322.78
28129	BLACKHL	BLACKHOLE TECHNOLOGIES INC	12/07/2023	50.00
28130	CASH	CASH	12/07/2023	320.00
28131	CLARKE	Clarke Mosquito Control Prod Inc.	12/07/2023	24,511.25
28132	GENESEE	Genesee Scientific Corporation	12/07/2023	1,144.69
28133	GFS	Governmental Financial Services	12/07/2023	840.00
28134	GLACVCD	Greater LA County Vector Control District	12/07/2023	3,053.09
28135	HARPER	Harper & Burns, LLP	12/07/2023	2,790.20
28136	HRPS	HR Performance Solutions	12/07/2023	2,449.30
28137	JUST	JUST TIRES	12/07/2023	1,736.51
28138	KWEST	K'WEST Printing	12/07/2023	1,576.89
28139	LIFE	Life Technologies	12/07/2023	4,004.18
28140	LIVESCAN	A Livescan Center OC Inc.	12/07/2023	20.00
28141	MUDGE	William Mudge	12/07/2023	200.00
28142	OC FIRE	Orange County Fire Protection	12/07/2023	130.00
28143	QDOXS	Q Document Solutions, Inc,	12/07/2023	196.25
28144	SMART	Smart & Final Stores Corp	12/07/2023	82.99
28145	STAPLES	Staples Business Advantage	12/07/2023	295.04
28146	WESTALLY	WESTERN ALLIED CORPORATION	12/07/2023	1,219.00
28147	WESTCOAS	RJ International	12/07/2023	1,393.17
28148	CASTIL G	GERMAIN CASTILLO	12/07/2023	78.00
28149	GERVACIO	MATTHEW GERVACIO	12/07/2023	78.00
28150	HEROLD	CHRISTIAN HEROLD	12/07/2023	78.00
28151	HURTADO	ALEJANDRA HURTADO	12/07/2023	78.00
28152	MARTIN J	JULIAN MARTINEZ	12/07/2023	39.00
28153	SEIBLY	AUSTIN SEIBLY	12/07/2023	78.00
28154	VANG T	TOULENG VANG	12/07/2023	78.00
Total for 12/7/2023:				62,407.66
ACH	EEASSOC	OCVCD Employee Association	12/08/2023	735.00
ACH	ICMA	MissionSquare Retirement (ICMA)	12/08/2023	24,629.91
ACH	USB	PARS/U.S. Bank N.A. Minnesota	12/08/2023	679.79
Total for 12/8/2023:				26,044.70
ACH	CalPERS1	CalPERS	12/12/2023	44,502.40
ACH	EDD	Employment Development Dept.	12/12/2023	13,464.93
ACH	IRS	Internal Revenue Service	12/12/2023	41,126.65
ACH	NATION	Nationwide Retirement Solutions	12/12/2023	4,855.00
ACH	TASC	Total Administrative Services Corp.	12/12/2023	1,964.88
Total for 12/12/2023:				105,913.86

Check No	Vendor No	Vendor Name	Check Date	Check Amount
ACH	ARCO	ARCO Business Solutions	12/14/2023	24,256.86
ACH	F&M Bank	Farmers & Merchants Bank	12/14/2023	64.83
ACH	OC TOLL	OC Toll Roads	12/14/2023	222.00
ACH	TASC	Total Administrative Services Corp.	12/14/2023	411.50
ACH	EDD	Employment Development Dept.	12/14/2023	209.28
ACH	FEDEX	Federal Express Corp.	12/14/2023	249.28
ACH	GG DISP	Republic Waste Svcs of So. Calif., LLC	12/14/2023	1,965.24
ACH	LINDE	LINDE GAS & EQUIPMENT INC.	12/14/2023	1,257.94
ACH	SPECTRUM	Charter Communications	12/14/2023	1,494.00
ACH	TARGET	Target Specialty Products	12/14/2023	6,733.42
28155	WESTCOAS	RJ International	12/14/2023	170.17
28156	AMAZON	AMAZON CAPITAL SERVICES	12/14/2023	728.90
28157	ASBURY	World Oil Environmental Services	12/14/2023	195.75
28158	AT&T	AT&T	12/14/2023	64.23
28159	CAGATE	California Gate & Entry System	12/14/2023	311.85
28160	COLAN	Colantuono, Highsmith & Whatley, PC	12/14/2023	1,953.00
28161	GG WATER	City of Garden Grove	12/14/2023	1,453.34
28162	HOME DEP	Home Depot Credit Services	12/14/2023	730.47
28163	MARTIN D	Daniel Martinez	12/14/2023	575.00
28164	S&R	S & R A/C And Heating, Inc.	12/14/2023	2,792.54
28165	SIMPSON	Simpson Chevrolet of Garden Grove	12/14/2023	194.08
28166	SPARK	Sparkletts	12/14/2023	375.23
28167	STAPLES	Staples Business Advantage	12/14/2023	155.24
28168	Tustin	City of Tustin	12/14/2023	250.00
28169	WESTCOAS	RJ International	12/14/2023	2,865.18
Total for 12/14/2023:				49,679.33
ACH	EEASSOC	OCVCD Employee Association	12/21/2023	735.00
ACH	ICMA	MissionSquare Retirement (ICMA)	12/21/2023	25,065.25
ACH	USB	PARS/U.S. Bank N.A. Minnesota	12/21/2023	794.45
ACH	CalPERS1	CalPERS	12/21/2023	44,480.33
ACH	EDD	Employment Development Dept.	12/21/2023	11,371.90
ACH	IRS	Internal Revenue Service	12/21/2023	35,575.29
ACH	NATION	Nationwide Retirement Solutions	12/21/2023	4,735.00
ACH	TASC	Total Administrative Services Corp.	12/21/2023	1,964.88
ACH	BLAKESPL	HOBEL INCORPORATED BLAKES PLA	12/21/2023	3,583.57
ACH	MPK ENT	MPK ENTERPRISES LLC	12/21/2023	3,744.05
ACH	Steri	STERICYCLE	12/21/2023	1,102.50
ACH	FM	CARDMEMBER SERVICE	12/21/2023	15,349.85
28170	ALARM	Thomas E. Kindschi	12/21/2023	270.00
28171	AUTO Z	Auto Zone, Inc.	12/21/2023	1,584.05
28172	DOJ	State of California	12/21/2023	49.00
28173	DOORKING	DOORKING INC	12/21/2023	53.95
28174	ENVIRO	Enviro Services, Inc.	12/21/2023	710.00
28175	GG WATER	City of Garden Grove	12/21/2023	631.13
28176	KWEST	K'WEST Printing	12/21/2023	8,930.21
28177	McFadden	McFadden-Dale Industrial Hardware, LLC	12/21/2023	91.30
28178	PARS	Public Agency Retirement Svcs	12/21/2023	307.03
28179	Players	Michael J. Mackenzie	12/21/2023	52.44
28180	SCG	Southern Calif. Gas Co.	12/21/2023	122.26
28181	VORTEX	Vortex Industries, LLC	12/21/2023	288.00
28182	XEROX	Xerox Financial Services	12/21/2023	616.62
Total for 12/21/2023:				162,208.06
ACH	AHNJ	JOYCE AHN	12/28/2023	100.00

Check No	Vendor No	Vendor Name	Check Date	Check Amount
ACH	BAKERD	Debbie Baker	12/28/2023	100.00
ACH	CONSTANT	Kim Constantine	12/28/2023	100.00
ACH	DOBYT	Tanya Doby	12/28/2023	100.00
ACH	DUMITRU	Jonathan Dumitru	12/28/2023	100.00
ACH	GOMEZR	REBECCA GOMEZ	12/28/2023	100.00
ACH	GREEN C	Craig S. Green	12/28/2023	100.00
ACH	HORNE	Shari Lucas Horne	12/28/2023	100.00
ACH	HUANG	Peggy Huang	12/28/2023	100.00
ACH	HURT	RICHARD HURT	12/28/2023	100.00
ACH	JOHNS	FOSTER JOHNS	12/28/2023	100.00
ACH	JOSEPH	April Josephson	12/28/2023	100.00
ACH	JUNG	Fred Jung	12/28/2023	100.00
ACH	KIM	TAMMY KIM	12/28/2023	100.00
ACH	KNOBLOCK	Steven Knoblock	12/28/2023	100.00
ACH	KRING	Lucille Kring	12/28/2023	100.00
ACH	MENDOZAN	NELIDA MENDOZA	12/28/2023	100.00
ACH	MILESC	Crystal Miles	12/28/2023	100.00
ACH	ORGILLM	MARK ORGILL	12/28/2023	100.00
ACH	PEATB	BONNIE PEAT	12/28/2023	100.00
ACH	PEQUENOR	ROBERT PEQUENO	12/28/2023	100.00
ACH	RUESCH	Robert J. Ruesch	12/28/2023	100.00
ACH	STEELEN	NATHAN STEELE	12/28/2023	100.00
ACH	TAYLORG	Gary Taylor	12/28/2023	100.00
ACH	TURPIT	WILLIAM TURPIT	12/28/2023	100.00
ACH	WEIGAND	ERIK WEIGAND	12/28/2023	100.00
ACH	ARIASA	Adina Arias	12/28/2023	221.10
ACH	BENNETT	Stephen Bennett	12/28/2023	221.10
ACH	BLAYLOCK	Viki Blaylock	12/28/2023	221.10
ACH	BOBBITT	Catherine Bobbitt	12/28/2023	221.10
ACH	CAMPBELL	JAMES CAMPBELL	12/28/2023	74.96
ACH	Cavileer	Raymond Cavileer	12/28/2023	221.10
ACH	CUMMINGS	Robert F. Cummings	12/28/2023	221.10
ACH	DAIKER	John Daiker	12/28/2023	260.80
ACH	EDISON	SUZANNE R. EDISON	12/28/2023	174.70
ACH	EVER	SANDRA EVERINGHAM	12/28/2023	104.90
ACH	FOGARTY	Carrie Fogarty	12/28/2023	221.10
ACH	Goedhart	Gerard Goedhart	12/28/2023	221.10
ACH	HOWARD	RICHARD J HOWARD	12/28/2023	751.19
ACH	Huff	Robert Huff	12/28/2023	221.10
ACH	KELLER	JUSTINE KELLER	12/28/2023	74.96
ACH	Kimball	Deborah Kimball	12/28/2023	221.10
ACH	KOENIG	Steve Koenig	12/28/2023	221.10
ACH	LACHANCE	Glenn LaChance	12/28/2023	362.40
ACH	LOUGHNER	LINDA LOUGHNER	12/28/2023	243.00
ACH	McCarty	Danny McCarty	12/28/2023	221.10
ACH	MILLER J	Jon Miller	12/28/2023	221.10
ACH	MONTANI	Karen Montani	12/28/2023	58.03
ACH	Niewola	Urszula Niewola	12/28/2023	221.10
ACH	PARSONS	John Parsons	12/28/2023	221.10
ACH	Plummer	John Clark Plummer	12/28/2023	221.10
ACH	POSPISIL	Terry Pospisil	12/28/2023	221.10
ACH	REES	JETTE REES	12/28/2023	170.10
ACH	Rehders	Renee Rehders	12/28/2023	221.10
ACH	Reinig	Allyson Reinig	12/28/2023	221.10
ACH	Reisin	Caroline Reisinger	12/28/2023	221.10
ACH	Rincon	Claudio Rincon	12/28/2023	234.05
ACH	RODRIG	Agripino Rodriguez	12/28/2023	234.05

Check No	Vendor No	Vendor Name	Check Date	Check Amount
ACH	SHAW	LAWRENCE SHAW	12/28/2023	221.10
ACH	Sipe	Russell Sipe	12/28/2023	234.05
ACH	BLAKESPL	HOBEL INCORPORATED BLAKES PLA	12/28/2023	250.00
28183	POSEY	Mike Posey	12/28/2023	100.00
28184	TAYLOR	John Taylor	12/28/2023	100.00
Total for 12/28/2023:				10,670.29
Report Total (151 checks):				416,923.90



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

February 15, 2024

AGENDA REPORT

AGENDA ITEM E.3

Prepared By: Tan Nguyen, Finance Manager
Submitted By: Lora Young, District Manager

Agenda Title:

Approve Monthly Financial Report for December 2023

Recommended Action:

Receive and file

Executive Summary:

Receive and file the Orange County Mosquito and Vector Control District Monthly Financial Report for December 2023.

Strategic Plan Compliance:

Complies with PRIORITY AREA 11: Fiscal Responsibility/Financial, GOAL 11.1: Conduct the Business and Operational Functions of the District in the most cost efficient and effective manner that prioritizes both fiscal and fiduciary responsibility to the residents of Orange County by ensuring a robust system of financial checks and balances are in place.

Fiscal Impact:

What Amount is being requested? N/A

Is the Amount Requested Budgeted in the Current Fiscal Year?

If No, What Funds Are Requested?

Previous Relevant Board Actions for This Item:

Exhibits:

Exhibit A: Monthly Financial Report for December 2023

Orange County Mosquito and Vector Control District
Monthly Financial Report
Month Ending December 31, 2023

Fund No.	Fund	Cash Balance				Accrual	Cash Balance	Cash Balance
		11/30/2023	Revenue	Expenditures	Transfers	Adjustment	12/31/2023	12/31/2022
10	Operating	\$ 8,909,849	\$ 5,497,146	\$ 897,773	\$ -	\$ (55,575)	\$ 13,453,647	\$ 11,498,720
20	Vehicle Replacement	614,061	5,092	-	-	-	619,153	606,466
30	Liability Reserve	371,294	3,079	-	-	-	374,373	366,701
40	Equipment Replacement	841,961	6,982	-	-	-	848,943	831,548
50	Emergency Vector Control	1,685,758	13,978	-	-	-	1,699,736	1,664,908
60	Facility Improvement	13,473,201	124,867	2,076	-	-	13,595,992	12,679,759
70	Habitat Remediation	100,002	-	-	-	-	100,002	100,002
90	Retiree Medical Insurance	(2,562)	2,131	7,620	-	-	(8,051)	(184,169)
95	Retirement Contingency	306,016	2,538	-	-	-	308,554	5,483
99	Payroll Clearing	(1,608)	-	-	-	195,586	193,978	457,959
		\$ 26,297,972	\$ 5,655,813	\$ 907,469	\$ -	\$ 140,011	\$ 31,186,327	\$ 28,027,377

Cash & Investment Balances:		Monthly Yield
California LAIF	\$ 22,014,290	3.929%
O.C. Treasurer	1,804,806	4.348%
Stifel Brokerage account		
Cash sweep account	2,334	0.15%
Fixed income - Muni (par)	1,980,000	2.60%
Fixed income - other (par)	3,002,000	3.62%
Insured bank deposit program	387,785	5.00%
Unamortized premium/(discount) on investments	58,184	n/a
F&M Checking	1,528,049	n/a
Payroll Checking	398,873	n/a
F&M HBP	6	0.05%
Petty Cash - Checking	10,000	n/a
Total Cash and Investments	\$ 31,186,327	

Section 115 Irrevocable Trust Balances:		3-month return
PARS Post-Employment Benefits Trust	\$ 4,789,777	8.97%
PARS Pension Trust	3,002,912	8.97%
Total PARS Trust Balances	\$ 7,792,689	


Lora Young
District Manager


Tan Nguyen
Finance Manager

Monthly Cash Flow

Month	Revenue	Expenditures	Transfers	Accrual Adjustment	Monthly Cash Flow	Prior Year Comparison
July	\$ 32,297	\$ 1,387,051	\$ -	\$ 624,848	\$ (729,906)	\$ (622,621)
August	30,623	2,010,850	-	(583,632)	(2,563,859)	(1,889,267)
September	132,281	1,186,511	-	13,298	(1,040,932)	(1,507,550)
October	228,546	1,187,622	-	(15,056)	(974,132)	(796,117)
November	3,643,535	1,204,833	-	(83,849)	2,354,853	1,249,248
December	5,655,813	907,469	-	140,011	4,888,355	6,048,040
January					-	(49,352)
February					-	(1,066,827)
March					-	(226,582)
April					-	4,222,389
May					-	(34,011)
June					-	(1,621,046)
Total YTD	\$ 9,723,095	\$ 7,884,336	\$ -	\$ 95,620	\$ 1,934,379	\$ 3,706,304

Revenues: 50% of Fiscal Year

10-Operating Fund	Budget	Actual	Percentage
Property Taxes	\$ 7,498,000	\$ 4,175,828	55.7%
1996 Benefit Assessment	1,581,955	881,143	55.7%
2004 Benefit Assessment	7,636,420	4,206,356	55.1%
Interest and Concessions	65,000	89,919	138.3%
Miscellaneous	12,000	50,497	420.8%
Successor Agency Passthru/Residual	450,000	-	0.0%
Rent for Cell Sites	31,500	16,817	53.4%
VCJPA Pooled Services	20,000	-	0.0%
CDPH - CA State Grant	-	-	0.0%
Charges for Services	60,000	45,752	76.3%
Total Operating Fund Revenues	17,354,875	9,466,312	54.5%

The major distributions of property tax and benefit assessments occur in four installments: December, January, April, and May.

Note 1

Nov 2023 has \$44K of revenue for surplus items sold at auction
Monies come through the County and are unpredictable

No.	Other Funds	Budget	Actual	Percentage
20	Vehicle Replacement	20,000	5,809	29.0%
30	Liability Reserve	4,000	3,512	87.8%
40	Equipment Replacement	6,500	7,964	122.5%
50	Emergency Vector Control	13,000	15,946	122.7%
60	Facility Improvement	275,000	207,722	75.5%
70	Habitat Remediation	-	-	0.0%
90	Retiree Medical Insurance	31,000	12,935	41.7%
95	Retirement Contingency	1,500	2,895	193.0%
	Total Other Funds	327,000	256,783	78.5%
	Total Revenue	\$ 17,705,875	\$ 9,723,095	54.9%

Note 1

Note 1

Note 1

Note 1

Note 1

Note 1: Throughout the fiscal year, interest receipts are recorded as revenue when cash payments are received. At year-end, any difference between the market and book value of investments is an unrealized gain or loss and is recorded as a component of interest revenue. Interest rates and market value have an inverse relationship whereby rising interest rates results in declining market value. Consequently, interest receipt trends do not predict the year-end interest revenue that will be reported in the annual financial statements. Each quarter, interest receipts are allocated to other funds based on each fund's balance in the District's pool. The majority of revenue in funds 20, 30, 40, 50 and 95 is interest earnings.

Expenditures: 50% of Fiscal Year

No.	10-Operating Fund	Budget	Actual	Percentage
110	Trustees	\$ 62,650	\$ 12,551	20.0%
120	District Manager	471,175	105,202	22.3%
130	Legal Services	120,000	43,772	36.5%
140	Non-Departmental	360,500	139,454	38.7%
	Executive	1,014,325	300,979	29.7%
210	Administrative Services	938,530	399,631	42.6%
220	Insurance	873,600	785,432	89.9%
	Administrative Services	1,812,130	1,185,063	65.4%
310	Technical Services	2,195,040	1,053,495	48.0%
350	SIT Program	204,735	108,718	53.1%
	Scientific Technical Services	2,399,775	1,162,213	48.4%
410	Field Operations	7,402,385	3,621,719	48.9%
430	Vehicle Maintenance	853,315	522,835	61.3%
440	Building Maintenance	289,410	133,835	46.2%
	Operations	8,545,110	4,278,389	50.1%
510	Public Information	780,300	316,867	40.6%
520	Information Technology	902,145	401,257	44.5%
530	Public Service	179,830	109,477	60.9%
	Public Information	1,862,275	827,601	44.4%
	Total Operating Fund Expenditures	15,633,615	7,754,245	49.6%

Annual insurance premiums were paid in August.

Budgeted purchases of vehicles occurred in the first quarter of the year.

No.	Other Funds	Budget	Actual	Percentage
20	Vehicle Replacement	-	-	0.0%
30	Liability Reserve	-	-	0.0%
40	Equipment Replacement	-	-	0.0%
50	Emergency Vector Control	-	-	0.0%
60	Facility Improvement	440,000	18,877	4.3%
70	Habitat Remediation	-	-	0.0%
90	Retiree Medical Insurance	341,800	111,214	32.5%
95	Retirement Contingency	300,000	-	0.0%
	Total Other Funds	1,081,800	130,091	12.0%
	Total Expenditures	\$ 16,715,415	\$ 7,884,336	47.2%



STIFEL ACCOUNT STATEMENT

5741 1 1 1 SNFSNF001_R_R_010-020p_002
**ORANGE COUNTY MOSQUITO &
VECTOR CONTROL DISTRICT**
13001 GARDEN GROVE BLVD
GARDEN GROVE CA 92843-2102

Your Financial Advisor (LU04):
SANDRA HEDSTROM WHEELER
Telephone: (805) 783-2921

Office Serving Your Account:
4460 BROAD STREET
SUITE 210
SAN LUIS OBISPO, CA 93401

PRIMARY INVESTMENT OBJECTIVE: Income

RISK TOLERANCE: Moderate

For a full definition of this objective and risk tolerance, including the use of margin, please see www.stifel.com, IMPORTANT DISCLOSURES, or contact your Financial Advisor. If you have any questions concerning your investment objective or risk tolerance, or wish to make a change, please contact your Financial Advisor or the Branch Manager for this office.

TRADING TAX LOT RELIEF METHOD : First In, First Out

INVESTOR UPDATE

This issue of Investment Strategist contains a wealth of useful information, including retirement plan and Social Security changes for 2024, how to understand your credit score, and more. Contact your Financial Advisor to learn more.

ACCOUNT PROTECTION

Stifel, Nicolaus & Company, Incorporated provides up to \$150 million of coverage for securities held in client accounts, of which \$1.15 million may be in cash deposits. Ask your Financial Advisor for more details.

Thank you for allowing Stifel to serve you. In order to protect your rights, including rights under the Securities Investor Protection Act (SIPA), please promptly report, in writing, any inaccuracies or discrepancies in this account or statement to the Compliance Department of Stifel at the address below. If you have any questions regarding your account or this statement, please contact your Financial Advisor or the Branch Manager for this office. For additional information regarding your Stifel account, please refer to the current Stifel Account Agreement and Disclosure Booklet, which is available at www.stifel.com/disclosures/account-agreement.

PORTFOLIO SUMMARY

	December 31	November 30
Net Cash Equivalents **	2,333.52	16,755.45
Net Portfolio Assets held at Stifel ⁴	5,240,229.28	5,178,793.94
Net Portfolio Assets not held at Stifel		
Net Portfolio Value	\$5,242,562.80	\$5,195,549.39

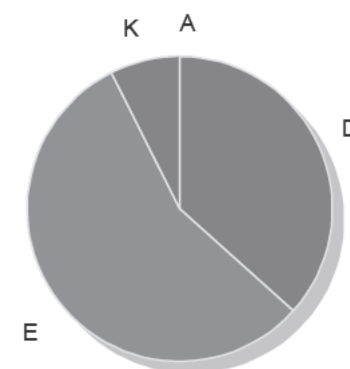
YOUR CHANGE IN PORTFOLIO VALUE

	December 31	November 30
Net Cash Flow (Inflows/Outflows) ²		
Securities Transferred In/Out		
Income and Distributions	6,096.03	15,626.09
Change in Securities Value	40,917.38	34,196.05
Net Change in Portfolio Value	\$47,013.41	\$49,822.14

- ** See the Stifel Insured Bank Deposit Program Disclosure Statements for additional information.
- ² Does not include cost or proceeds for buy or sell transactions.
- ⁴ Includes balances which are FDIC insured bank deposits, not cash held in your Securities Account and not covered by SIPC.

YOUR ASSET SUMMARY

	Value on December 31, 2023 (\$)	Percentage of your account
A Net Cash Equivalents**	2,333.52	0.04%
D Fixed Income-Muni	1,918,245.10	36.59%
E Fixed Income-Other	2,934,199.06	55.97%
K Stifel Smart Rate ⁴	387,785.12	7.40%
Total Assets	\$5,242,562.80	100.00%





ASSET SUMMARY

	Value as of December 31, 2023				Gains/(-)Losses		
	<i>At Stifel</i>	<i>Not at Stifel</i>	<i>Total</i>	<i>% of assets *</i>	<i>Unrealized</i>	<i>Realized</i>	
						<i>This Period</i>	<i>Year-to-date</i>
Cash							
Cash Sweep**	2,333.52		2,333.52	0.04%			
Margin Balance							
A. Net Cash Equivalents	\$2,333.52		\$2,333.52	0.04%			
B. Equities							
C. Preferreds							
D. Fixed Income-Muni	1,918,245.10		1,918,245.10	36.59%	-100,956.19		
E. Fixed Income-Other	2,934,199.06		2,934,199.06	55.97%	-81,261.93		14.95
F. Mutual Funds							
G. Unit Investment Trusts							
H. Insurance Products							
I. Alternative Investments							
J. Other Investments							
K. Stifel Smart Rate Program **	387,785.12		387,785.12	7.40%			
Net Portfolio Assets	\$5,240,229.28	\$0.00	\$5,240,229.28	99.96%	-\$182,218.12	\$0.00	\$14.95
Net Portfolio Value	\$5,242,562.80	\$0.00	\$5,242,562.80	100.00%	-\$182,218.12	\$0.00	\$14.95

INCOME & DISTRIBUTION SUMMARY

	<i>Security Type</i>	<i>Year-to-date</i>	<i>This period</i>
Dividends	Tax-Exempt		
	Taxable		
Interest	Tax-Exempt	3,300.00	
	Taxable	153,784.40	6,096.03
Capital Gain Distributions			
Return of Principal			
Other			
Total Income & Distributions		\$157,084.40	\$6,096.03

INFORMATION SUMMARY

	<i>Security Type</i>	<i>Year-to-date</i>	<i>This period</i>
Accrued Interest Paid	Tax-Exempt		
	Taxable	8,552.88	
Accrued Interest Received	Tax-Exempt		
	Taxable	1,166.67	
Gross Proceeds		1,143,763.00	
Federal Withholding			
Foreign Taxes Paid			
Margin Interest Charged			

* Please note "% of assets" figures are shown gross of any amounts owed to Stifel and/or net short positions.

** Include balances which are FDIC insured bank deposits, not cash held in your Securities Account and not covered by SIPC.

ASSET DETAILS

This section shows the cash equivalents and/or securities in your account. Prices obtained from outside sources are considered reliable but are not guaranteed by Stifel. Actual prices may vary, and upon sale, you may receive more or less than your original purchase price. Contact your Financial Advisor for current price quotes. Gain/Loss is provided for informational purposes only. Cost basis may be adjusted for, but not limited to, amortization, accretion, principal paydowns, capital changes, listed option premiums, gifting rules, inheritance step-up, or wash sales. The Gain/Loss information should not be used for tax preparation without the assistance of your tax advisor. Lot detail quantity displayed is truncated to the one thousandth of a share.

NET CASH EQUIVALENTS

	<i>Current value</i>	<i>Cost Basis</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
STIFEL FDIC INSURED	2,333.52	2,333.52	3.50	0.15%
Total Net Cash Equivalents	\$2,333.52	\$2,333.52	\$3.50	0.15%

STIFEL INSURED BANK DEPOSIT PROGRAM

Funds deposited through the Stifel Insured Bank Deposit Program (the "Program") may be deposited at multiple banks. The Program's Disclosure Statement is available at www.stifel.com/disclosures/account-agreement. The deposits are not covered by the Securities Investor Protection Corporation ("SIPC"). Deposits are insured by the FDIC within applicable limits.

Balances in the Program or in any money market fund offered as an available fund for Cash Investment Services at Stifel, subject to applicable limits, can be liquidated upon request and the proceeds returned to your securities account or can be distributed directly to you with the proper withdrawal form on file.

PORTFOLIO ASSETS - HELD AT STIFEL

Fixed Income-Muni	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
CONNECTICUT ST SER A B/E TXBL CPN 1.998% DUE 07/01/24 DTD 06/11/20 FC 01/01/21 CUSIP: 20772KJW0 <i>Original Cost: 112,753.90</i>	S&P: AA- Moody: Aa3 Cash	110,000	98.4990 108,348.90	100.3174 110,349.18	1,098.90	-2,000.28	2,197.80	2.03%
KANSAS ST DEV FIN AUTH REV ATHLETIC FACS K ST SER B 2 B/E TXBL CPN 4.083% DUE 07/01/24 DTD 03/01/12 FC 07/01/12 CUSIP: 485429MF8 <i>Original Cost: 77,557.81</i>	S&P: A- Moody: A1 Cash	70,000	99.4750 69,632.50	101.5334 71,073.40	1,429.05	-1,440.90	2,858.10	4.10%

ASSET DETAILS (continued)

PORTFOLIO ASSETS - HELD AT STIFEL (continued)

Fixed Income-Muni	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
AMARILLO TX HOTEL OCCUP TAX REV AGM B/E TXBL CPN 3.070% DUE 08/15/24 DTD 03/15/16 FC 02/15/17 CUSIP: 023039AF7 <i>Original Cost: 80,422.25</i>	S&P: AA Cash	75,000	98.6310 73,973.25	101.4208 76,065.60	869.83	-2,092.35	2,302.50	3.11%
MIAMI DADE CNTY FL AVIATION REV RFDG SER B B/E TXBL CPN 2.504% DUE 10/01/24 DTD 08/25/16 FC 10/01/16 CUSIP: 59333PV39 <i>Original Cost: 208,207.00</i>	S&P: A Cash	200,000	98.0520 196,104.00	100.7799 201,559.71	1,252.00	-5,455.71	5,008.00	2.55%
SAN DIEGO CA CONVNTN CTR EXPANSION FING AUTH LSE REV RFDG B/E TXBL CPN 1.677% DUE 04/15/25 DTD 07/08/20 FC 10/15/20 CUSIP: 79727LBS7 <i>Original Cost: 173,029.30</i>	S&P: AA- Cash	170,000	95.6330 162,576.10	100.5449 170,926.31	601.86	-8,350.21	2,850.90	1.75%
NEW YORK NY CITY HSG DEV CORP MLTIFAM HSG REV SER E B/E CPN 3.000% DUE 05/01/25 DTD 09/24/14 FC 11/01/14 CALL 05/01/24 @ 100.000 CUSIP: 64972CBF9 <i>Original Cost: 117,294.45</i>	S&P: AA+ Moody: Aa2 Cash	110,000	99.9990 109,998.90	100.0000 110,000.00	550.00	-1.10	3,300.00	3.00%
SUFFOLK CNTY NY RFDG SER C AGM B/E TXBL CPN 1.607% DUE 06/15/25 DTD 11/18/20 FC 12/15/20 CUSIP: 86476PE20 <i>Original Cost: 252,280.00</i>	S&P: AA Cash	250,000	95.2370 238,092.50	100.2966 250,741.46	178.56	-12,648.96	4,017.50	1.69%



ASSET DETAILS (continued)

PORTFOLIO ASSETS - HELD AT STIFEL (continued)

Fixed Income-Muni	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
FLORIDA ST BRD ADMIN FIN CORP REV SER A B/E TXBL CPN 1.258% DUE 07/01/25 DTD 09/16/20 FC 01/01/21 CUSIP: 341271AD6 <i>Original Cost: 101,351.00</i>	S&P: AA Moody: Aa3 Cash	100,000	94.8830 94,883.00	100.5339 100,533.93	629.00	-5,650.93	1,258.00	1.33%
KENTUCKY HSG CORP REV SER B B/E TXBL CPN 3.312% DUE 07/01/25 DTD 12/01/16 FC 07/01/17 CUSIP: 49130TVJ2 <i>Original Cost: 216,995.00</i>	S&P: AAA Moody: Aaa Cash	200,000	97.5240 195,048.00	103.1188 206,237.69	3,312.00	-11,189.69	6,624.00	3.40%
CLEVELAND OH INCM TAX REV RFDG SUB LEIN SER A 1 B/E TXBL CPN 1.985% DUE 10/01/25 DTD 02/26/20 FC 10/01/20 CUSIP: 186387VE3 <i>Original Cost: 104,395.00</i>	S&P: AA Moody: Aa3 Cash	100,000	95.2850 95,285.00	101.5888 101,588.80	496.25	-6,303.80	1,985.00	2.08%
STEPHENSON CNTY IL SCH DIST 145 FREEPORT RFDG AGM B/E TXBL CPN 1.750% DUE 10/01/25 DTD 11/24/20 FC 04/01/21 CUSIP: 858892MD1 <i>Original Cost: 103,005.00</i>	S&P: AA Cash	100,000	94.8320 94,832.00	101.1023 101,102.32	437.50	-6,270.32	1,750.00	1.85%
BAY AREA TOLL AUTH CA TOLL BRDG REV SAN FRANCISO F 1 B/E TXBL CPN 2.425% DUE 04/01/26 DTD 09/26/19 FC 04/01/20 CUSIP: 072024WR9 <i>Original Cost: 133,472.85</i>	S&P: AA Moody: Aa3 Cash	125,000	95.4510 119,313.75	103.1747 128,968.36	757.81	-9,654.61	3,031.25	2.54%



ASSET DETAILS (continued)

PORTFOLIO ASSETS - HELD AT STIFEL (continued)

Fixed Income-Muni	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
UNIVERSITY CA REV RFDG GENL SER AS B/E TXBL CPN 2.587% DUE 05/15/26 DTD 04/20/16 FC 11/15/16 CUSIP: 91412GE27 <i>Original Cost: 161,363.00</i>	S&P: AA Moody: Aa2 Cash	150,000	95.6220 143,433.00	103.6500 155,474.95	495.84	-12,041.95	3,880.50	2.71%
MASSACHUSETTS EDL FING AUTH ED LN ISSUE L SR SER A REV B/E TXBL CPN 4.038% DUE 07/01/26 DTD 06/13/18 FC 01/01/19 CUSIP: 57563RPM5 <i>Original Cost: 248,805.20</i>	S&P: AA Cash	220,000	98.5110 216,724.20	106.6271 234,579.58	4,441.80	-17,855.38	8,883.60	4.10%
Total Fixed Income-Muni		1,980,000	\$1,918,245.10	\$2,019,201.29	\$16,550.40	-\$100,956.19	\$49,947.15	2.60%
Municipal Bonds held may or may not be tax free. Please consult with your tax advisor.								
Fixed Income-Other	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
BMW BANK OF NORTH AMER SALT LAKE CITY UT CD FDIC #35141 CPN 1.650% DUE 02/28/24 DTD 02/28/20 FC 08/28/20 CUSIP: 05580AVB7	Cash	200,000	99.3960" 198,792.00	100.0000 200,000.00	1,139.18	-1,208.00	3,300.00	1.66%
U S TREASURY NOTE CPN 2.500% DUE 05/15/24 DTD 05/15/14 FC 11/15/14 CUSIP: 912828WJ5 <i>Original Cost: 251,268.32</i>	Moody: Aaa Cash	250,000	99.0230 247,557.50	100.0931 250,232.87	807.01	-2,675.37	6,250.00	2.52%
U S TREASURY NOTE CPN 3.000% DUE 06/30/24 DTD 06/30/22 FC 12/31/22 CUSIP: 91282CEX5	Moody: Aaa Cash	100,000	98.9530 98,953.00	99.5147 99,514.72	8.15	-561.72	3,000.00	3.03%
ROGERS MEM HOSP INC BOND CPN 2.383% DUE 07/01/24 DTD 08/28/19 FC 01/01/20 CUSIP: 775200AE8 <i>Original Cost: 104,880.00</i>	S&P: A Cash	100,000	98.3910 98,391.00	100.6427 100,642.73	1,191.50	-2,251.73	2,383.00	2.42%

ASSET DETAILS (continued)

PORTFOLIO ASSETS - HELD AT STIFEL (continued)

Fixed Income-Other	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
WESTERN ASSET MTG CAP CORP SR CONV NOTE CPN 6.750% DUE 09/15/24 DTD 09/14/21 FC 03/15/22 CALL 06/15/24 @ 100.000 CUSIP: 95790DAD7	Cash	175,000	97.0000 169,750.00	99.7229 174,515.00	3,478.13	-4,765.00	11,812.50	6.96%
U S TREASURY NOTE CPN 2.250% DUE 10/31/24 DTD 10/31/17 FC 04/30/18 CUSIP: 9128283D0 <i>Original Cost: 103,230.00</i>	Moody: Aaa Cash	100,000	97.8440 97,844.00	100.9774 100,977.42	383.24	-3,133.42	2,250.00	2.30%
SOUTHERN CA EDISON CO 1ST & RFDG MTG BOND SER E CPN 3.700% DUE 08/01/25 DTD 08/02/18 FC 02/01/19 CALL 06/01/25 @ 100.000 CUSIP: 842400GN7 <i>Original Cost: 150,425.00</i>	S&P: A- Moody: A2 Cash	150,000	97.9780 146,967.00	100.1397 150,209.51	2,312.50	-3,242.51	5,550.00	3.78%
SOCIETE GENERALE UNSECD MEDIUM TERM NOTE STEP CPN 1.150% DUE 08/19/25 DTD 08/19/20 FC 02/19/21 CALL 02/19/24 @ 100.000 CUSIP: 83369MD25	S&P: A Moody: A1 Cash	50,000	93.0030 46,501.50	98.5100 49,255.00	210.83	-2,753.50	575.00	1.24%
REALTY INCOME CORP NOTE CPN 4.625% DUE 11/01/25 DTD 11/01/21 FC 05/01/22 CALL 09/01/25 @ 100.000 CUSIP: 756109BE3	S&P: A- Moody: A3 Cash	200,000	99.3780 198,756.00	99.7385 199,477.00	1,541.67	-721.00	9,250.00	4.65%
BMO HARRIS BANK NA CHICAGO IL CD FDIC #16571 CLLB CPN 3.000% DUE 11/26/25 DTD 05/26/22 FC 08/26/22 CALL 02/26/24 @ 100.000 CUSIP: 05600XFJ4	Cash	145,000	96.7040 " 140,220.80	100.0000 145,000.00	429.04	-4,779.20	4,350.00	3.10%



ASSET DETAILS (continued)

PORTFOLIO ASSETS - HELD AT STIFEL (continued)

Fixed Income-Other	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
SIMON PPTY GRP LP NOTE CPN 3.300% DUE 01/15/26 DTD 01/13/16 FC 07/15/16 CALL 10/15/25 @ 100.000 CUSIP: 828807CW5 <i>Original Cost: 131,249.00</i>	S&P: A- Moody: A3 Cash	120,000	96.9010 116,281.20	104.1107 124,932.81	1,826.00	-8,651.61	3,960.00	3.41%
MORGAN STANLEY SR NOTE CPN 3.875% DUE 01/27/26 DTD 01/27/16 FC 07/27/16 CUSIP: 61746BDZ6 <i>Original Cost: 100,291.00</i>	S&P: A- Moody: A1 Cash	100,000	97.9750 97,975.00	100.1832 100,183.15	1,657.64	-2,208.15	3,875.00	3.96%
LEGG MASON INC SR NOTE CPN 4.750% DUE 03/15/26 DTD 03/22/16 FC 09/15/16 CUSIP: 524901AV7 <i>Original Cost: 130,942.50</i>	S&P: A Moody: A2 Cash	125,000	99.6800 124,600.00	102.8060 128,507.56	1,748.26	-3,907.56	5,937.50	4.77%
CUSTOMERS BANK PHOENIXVILLE PA CD FDIC #34444 CPN 5.000% DUE 03/31/26 DTD 03/31/23 FC 09/30/23 CUSIP: 23204HNV6	Cash	140,000	100.3680" 140,515.20	100.0000 140,000.00	1,783.56	515.20	7,000.00	4.98%
BANK AMERICA CORP SR NOTE CPN 3.500% DUE 04/19/26 DTD 04/19/16 FC 10/19/16 CUSIP: 06051GFX2 <i>Original Cost: 105,286.00</i>	S&P: A- Moody: A1 Cash	100,000	97.3510 97,351.00	103.0031 103,003.13	700.00	-5,652.13	3,500.00	3.60%
FEDL HOME LOAN BANK BOND CPN 0.940% DUE 05/26/26 DTD 05/26/21 FC 11/26/21 CALL 11/26/21 @ 100.000 CUSIP: 3130AMH39	S&P: AA+ Moody: Aaa Cash	135,000	92.3060 124,613.10	100.0000 135,000.00	123.38	-10,386.90	1,269.00	1.02%

ASSET DETAILS (continued)

PORTFOLIO ASSETS - HELD AT STIFEL (continued)

Fixed Income-Other	<i>Symbol/ Bond Rating/ Type</i>	<i>Quantity</i>	<i>Current Price/ Current Value</i>	<i>Average Unit Cost/ Cost Basis</i>	<i>Accrued Income⁶</i>	<i>Unrealized Gain/(-)Loss¹⁰</i>	<i>Estimated Annualized Income</i>	<i>Estimated Yield %</i>
BROOKFIELD FIN INC GTD NOTE CPN 4.250% DUE 06/02/26 DTD 06/02/16 FC 12/02/16 CALL 03/02/26 @ 100.000 CUSIP: 11271LAA0	S&P: A- Moody: A3 Cash	115,000	97.7130 112,369.95	98.1793 112,906.25	393.72	-536.30	4,887.50	4.35%
FEDL FARM CREDIT BANK BOND CPN 0.900% DUE 06/15/26 DTD 06/15/21 FC 12/15/21 CALL 01/08/24 @ 100.000 CUSIP: 3133EMH21	S&P: AA+ Moody: Aaa Cash	50,000	92.0710 46,035.50	99.8897 49,944.87	20.00	-3,909.37	450.00	0.98%
U S TREASURY NOTE CPN 2.250% DUE 02/15/27 DTD 02/15/17 FC 08/15/17 CUSIP: 912828V98 <i>Original Cost: 101,787.19</i>	Moody: Aaa Cash	98,000	94.9810 93,081.38	102.4140 100,365.72	832.87	-7,284.34	2,205.00	2.37%
FEDL HOME LOAN BANK BOND CPN 2.010% DUE 02/25/27 DTD 02/25/22 FC 08/25/22 CALL 05/25/22 @ 100.000 CUSIP: 3130AQUD3	S&P: AA+ Moody: Aaa Cash	100,000	93.5300 93,530.00	98.7550 98,755.00	703.50	-5,225.00	2,010.00	2.15%
STATE BANK OF INDIA NEW YORK NY CD FDIC #33682 CPN 2.200% DUE 03/10/27 DTD 03/10/22 FC 09/10/22 CUSIP: 856285J36	Cash	59,000	92.1870 " 54,390.33	100.0000 59,000.00	401.85	-4,609.67	1,298.00	2.39%
FEDL HOME LOAN MTG CORP MEDIUM TERM NOTE CPN 5.270% DUE 06/30/27 DTD 11/27/23 FC 05/27/24 CALL 05/30/24 @ 100.000 CUSIP: 3134H1KS1 <i>Original Cost: 100,680.00</i>	S&P: AA+ Moody: Aaa Cash	100,000	100.4510 100,451.00	100.5609 100,560.90	497.72	-109.90	5,270.00	5.25%

ASSET DETAILS (continued)

PORTFOLIO ASSETS - HELD AT STIFEL (continued)

Fixed Income-Other	Symbol/ Bond Rating/ Type	Quantity	Current Price/ Current Value	Average Unit Cost/ Cost Basis	Accrued Income ⁶	Unrealized Gain/(-)Loss ¹⁰	Estimated Annualized Income	Estimated Yield %
CANADIAN IMPERIAL BANK SR GLBL MEDIUM TERM NOTE CPN 5.250% DUE 12/30/27 DTD 12/30/22 FC 06/30/23 CALL 12/30/24 @ 100.000 CUSIP: 13607XEB9 Original Cost: 141,804.70	S&P: A- Moody: A2 Cash	140,000	99.0390 138,654.60	100.7887 141,104.20	20.42	-2,449.60	7,350.00	5.30%
FEDL HOME LOAN BANK BOND CPN 5.625% DUE 11/27/28 DTD 11/30/23 FC 05/27/24 CALL 11/27/24 @ 100.000 CUSIP: 3130AXX37 Original Cost: 151,497.50	S&P: AA+ Moody: Aaa Cash	150,000	100.4120 150,618.00	100.9154 151,373.15	726.56	-755.15	8,437.50	5.60%
Total Fixed Income-Other		3,002,000	\$2,934,199.06	\$3,015,460.99	\$22,936.73	-\$81,261.93	\$106,170.00	3.62%
Principal Protected Notes are subject to the credit risk of the issuer. Principal Protected Market Linked CDs are subject to applicable limits.								
Stifel Smart Rate Program	Symbol/ Type	Quantity	Current Price/ Current Value	Average Unit Cost/ Cost Basis		Unrealized Gain/(-)Loss ¹⁰	Estimated Annualized Income	Estimated Yield %
STIFEL SMART RATE STIFEL BANK ID: 998606107 Interest Option: Reinvest	Cash	159,635.540	1.0000 159,635.54	1.0000 159,635.54		0.00	7,981.77	5.00%
STIFEL SMART RATE STIFEL BANK & TRUST ID: 998606305 Interest Option: Reinvest	Cash	228,149.580	1.0000 228,149.58	1.0000 228,149.58		0.00	11,407.47	5.00%
Total Stifel Smart Rate Program			\$387,785.12	\$387,785.12		\$0.00	\$19,389.24	5.00%
Stifel Smart Rate is a FDIC insured bank deposit held in Stifel's name for the benefit of clients, not cash held in your securities account and not covered by SIPC.								
Total Portfolio Assets - Held at Stifel			\$5,240,229.28	\$5,422,447.40		-\$182,218.12	\$175,506.39	3.35%
Total Net Portfolio Value			\$5,242,562.80	\$5,424,780.92		-\$182,218.12	\$175,509.89	3.35%

FOOTNOTE DEFINITIONS

- ⁶ **Accrued Income:** Accrued Income amounts are provided for informational purposes only and are not included as part of the Net Portfolio Value. Accrued Income represents the sum of accrued interest and accrued dividends on securities positions, but which Stifel has not yet received. Stifel cannot guarantee the accuracy of the Accrued Income, which may be subject to change. Accrued Income amounts are not covered by SIPC and should not be relied upon for making investment decisions.
- ¹⁰ Please note "Unrealized Gain/(-)Loss" does not equal the total current value minus the total cost if any value or cost amounts are missing. Unrealized gains or losses are provided for your information only and should not be used for tax purposes.

FOOTNOTE DEFINITIONS (continued)

" The price assigned to this instrument may have been provided by a national pricing service and is derived from a 'market-driven pricing model.'
This price may not be the actual price you would receive in the event of a sale prior to the maturity of the C.D. Additional information is available upon request.



ACTIVITY SUMMARY				CASH EQUIVALENTS		
Type of Activity	Activity	Year-to-date	This period	Cash	Cash Sweep	Margin
Opening Balance - Net Cash Equivalents			\$16,755.45	\$16,755.45	\$0.00	\$0.00
Buy and Sell Transactions	Assets Bought	-1,304,312.20	-20,517.96	-20,517.96		
	Assets Sold/Redeemed	1,144,929.67				
Deposits	Deposits Made To Your Account					
Withdrawals	Withdrawals From Your Account					
Income and Distributions	Income and Distributions	157,084.40	6,096.03	6,096.03		
Cash Sweep Activity	Cash Sweep Activity			-2,333.52	2,333.52	
Margin Interest	Margin Interest Charged					
Other	Other Transactions					
Cash Management Activity	Card Activity					
	ACH/ATM Activity					
Checkwriting Activity	Checks You Wrote					
Closing Balance - Net Cash Equivalents			\$2,333.52	\$0.00	\$2,333.52	\$0.00
Securities Transferred	Securities Transferred In/Out					

ACTIVITY DETAILS					CASH EQUIVALENTS			
					This period	Cash	Cash Sweep	Margin
Opening Balance - Net Cash Equivalents					\$16,755.45	\$16,755.45	\$0.00	\$0.00
Assets Bought								
Date	Activity	Quantity	Price	Description	Total	Cash	Cash Sweep	Margin
12/6/2023	Asset Bought	19,100.000	1.0000	STIFEL SMART RATE STIFEL BANK ID: 998606107	-19,100.00	-19,100.00		
12/26/2023	Interest Reinvest	565.740		STIFEL SMART RATE STIFEL BANK ID: 998606107	-565.74	-565.74		
	****note****			REINVEST AT 1.000				



ACTIVITY DETAILS continued	CASH EQUIVALENTS continued
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Assets Bought continued								
Date	Activity	Quantity	Price	Description	Total	Cash	Cash Sweep	Margin
12/26/2023	Interest Reinvest	852.220		STIFEL SMART RATE STIFEL BANK & TRUST ID: 998606305	-852.22	-852.22		
	****note****			REINVEST AT 1.000				
Total Assets Bought					-\$20,517.96	-\$20,517.96		

Income and Distributions								
Date	Activity	Quantity	Price	Description	Total	Cash	Cash Sweep	Margin
12/4/2023	Interest			BROOKFIELD FIN INC GTD NOTE CPN 4.250% DUE 06/02/26 DTD 06/02/16 FC 12/02/16 CALL 03/02/26 @ 100.000 120223 115,000 CUSIP: 11271LAA0	2,443.75	2,443.75		
12/15/2023	Interest			FEDL FARM CREDIT BANK BOND CPN 0.900% DUE 06/15/26 DTD 06/15/21 FC 12/15/21 CALL 12/22/23 @ 100.000 121523 50,000 CUSIP: 3133EMH21	225.00	225.00		
12/15/2023	Interest			SUFFOLK CNTY NY RFDG SER C AGM B/E TXBL CPN 1.607% DUE 06/15/25 DTD 11/18/20 FC 12/15/20 121523 250,000 CUSIP: 86476PE20	2,008.75	2,008.75		
12/26/2023	Interest			STIFEL SMART RATE STIFEL BANK 122223 159,069.80000 ID: 998606107	565.74	565.74		
12/26/2023	Interest			STIFEL SMART RATE STIFEL BANK & TRUST 122223 227,297.36000 ID: 998606305	852.22	852.22		



ACTIVITY DETAILS continued				CASH EQUIVALENTS continued			
Income and Distributions continued							
<i>Date</i>	<i>Activity</i>	<i>Quantity</i>	<i>Description</i>	<i>Total</i>	<i>Cash</i>	<i>Cash Sweep</i>	<i>Margin</i>
12/29/2023	Interest		STIFEL FDIC INSURED BANK DEPOSIT PROGRAM 122923 2,333 CUSIP: 09999844	0.57	0.57		
Total Income and Distributions				\$6,096.03	\$6,096.03		
Cash Sweep Activity							
<i>Date</i>	<i>Activity</i>		<i>Description</i>	<i>Total</i>	<i>Cash</i>	<i>Cash Sweep</i>	<i>Margin</i>
12/1/2023	Purchase		STIFEL FDIC INSURED BANK DEPOSIT PROGRAM		-16,755.45	16,755.45	
12/5/2023	Purchase		STIFEL FDIC INSURED BANK DEPOSIT PROGRAM		-2,443.75	2,443.75	
12/7/2023	Sale		STIFEL FDIC INSURED BANK DEPOSIT PROGRAM		19,100.00	-19,100.00	
12/18/2023	Purchase		STIFEL FDIC INSURED BANK DEPOSIT PROGRAM		-2,233.75	2,233.75	
12/29/2023	Purchase		STIFEL FDIC INSURED BANK DEPOSIT PROGRAM		-0.57	0.57	
Total Cash Sweep Activity				\$0.00	-\$2,333.52	\$2,333.52	
				<i>This period</i>	<i>Cash</i>	<i>Cash Sweep</i>	<i>Margin</i>
Closing Balance - Net Cash Equivalents				\$2,333.52	\$0.00	\$2,333.52	\$0.00

REALIZED GAINS/(-)LOSSES

This section provides estimated realized gains or losses for informational purposes only. Cost basis may be adjusted due to, but not limited to, the following: amortization, accretion, principal paydowns, capital changes, listed option premiums, gifting rules, inheritance step-up, or wash sales. Unless another method was in effect at the time of the trade, the trading tax lot relief method indicated on the first page of the statement was used to calculate gains or losses. Please review this information carefully for accuracy, and contact your Financial Advisor with any questions.

	<i>Closing Transaction</i>	<i>Date Acquired</i>	<i>Date Sold</i>	<i>Quantity</i>	<i>Cost Basis</i>	<i>Sale Proceeds</i>	<i>Realized Gain/(-)Loss**</i>
Fixed Income-Muni							
FARRELL PA AREA SCH DIST AGM B/E CUSIP: 311690HM6	REDEEMED	02/25/21	08/15/23	50,000	50,000.00	50,000.00	N/A (LT)
WATAUGA CNTY NC RFDG REV B/E TXBL CUSIP: 94109SAT8	REDEEMED	05/11/20	06/01/23	110,000	110,000.00	110,000.00	N/A (LT)
Total Fixed Income-Muni					\$160,000.00	\$160,000.00	\$0.00
Fixed Income-Other							
AMERICAN EXPRESS NATL BK SANDY UT CD CUSIP: 02589AB50	REDEEMED	03/27/20	03/31/23	100,000	100,000.00	100,000.00	N/A (LT)
CAPITAL ONE BANK USA NA GLEN ALLEN VA CD CUSIP: 14042TDF1	REDEEMED	04/03/20	04/10/23	240,000	240,000.00	240,000.00	N/A (LT)
CITIGROUP GLBL MKTS HLDG MEDIUM TERM NOTE CUSIP: 17330YDC1	REDEEMED	11/29/22	11/30/23	250,000	250,000.00	250,000.00	N/A (LT)
MICROSOFT CORP NOTE CUSIP: 594918AT1	REDEEMED	01/14/20	05/01/23	100,000	100,000.00	100,000.00	N/A (LT)
SANTANDER UK PLC NOTE CUSIP: 80283LAJ2		10/17/22	11/09/23	175,000	173,763.00	173,763.00	N/A (LT)

** Please note "Realized Gain/(-)Loss" does not equal total sale proceeds minus total cost basis if any cost basis amounts are missing.

REALIZED GAINS/(-)LOSSES continued

	<i>Closing Transaction</i>	<i>Date Acquired</i>	<i>Date Sold</i>	<i>Quantity</i>	<i>Cost Basis</i>	<i>Sale Proceeds</i>	<i>Realized Gain/(-)Loss**</i>
Fixed Income-Other							
U S TREASURY NOTE CPN 2.875% DUE 09/30/23 CUSIP: 9128285D8	REDEEMED	08/15/22	10/02/23	120,000	119,985.05	120,000.00	14.95 (LT)
Total Fixed Income-Other					\$983,748.05	\$983,763.00	\$14.95
Total Realized Gains/(-)Losses					\$1,143,748.05	\$1,143,763.00	\$14.95
Total Net Short-Term (ST)					\$0.00	\$0.00	\$0.00
Total Net Long-Term (LT)					\$1,143,748.05	\$1,143,763.00	\$14.95
Total Net Other-Term (OT)					\$0.00	\$0.00	\$0.00

** Please note "Realized Gain/(-)Loss" does not equal total sale proceeds minus total cost basis if any cost basis amounts are missing.



Stifel Insured Bank Deposit Program

Amount(s) listed below include accrued interest in the amount of \$0.57. The rate at month-end was 0.15%.

Description	Location	Previous Month Value	Current Month Value
Stifel Bank	St. Louis, MO	\$0.00	\$2,333.52
Closing Balance - Stifel Insured Bank Deposit Program			\$2,333.52

Stifel Smart Rate Program

Amount(s) listed below include accrued interest in the amount of \$1,417.96.* The rate at month-end for the Stifel Smart Rate Program was 5.00%.

Description	Location	Previous Month Value	Current Month Value
Stifel Bank & Trust	St. Louis, MO	\$227,297.36	\$228,149.58
Stifel Bank	Clayton, MO	\$139,969.80	\$159,635.54
Closing Balance - Stifel Smart Rate Program			\$387,785.12**

Your deposit balances at each Program Bank are eligible for insurance by the FDIC within applicable limits. The deposit balances are not insured by SIPC. Please refer to the Stifel Insured Bank Deposit Program Disclosure Statement and the Stifel Insured Bank Deposit Program for Retirement Accounts Disclosure Statement which are available at www.stifel.com/disclosures/account-agreement or from your Financial Advisor.

Stifel Smart Rate Program balances are bank deposits, which are eligible for insurance by the FDIC within applicable limits. Deposits in the Stifel Smart Rate Program with Stifel Bank, member FDIC, Stifel Bank & Trust, member FDIC, Stifel Trust Company, N.A., member FDIC, or Stifel Trust Company Delaware, N.A., member FDIC are reflected here for your convenience and are not cash held in your securities account(s). Stifel Smart Rate Program deposits are not insured by SIPC. For additional information and terms and conditions concerning these deposits, see the Stifel Smart Rate Program Disclosure which is available at www.stifel.com/disclosures or from your Financial Advisor.

* The interest accrual period for the Stifel Smart Rate Program is measured from the 26th of the previous month through the 25th of the current month. The accrued interest amount is based on this accrual period, not a calendar month.

** The closing balance reflects deposits and withdrawals before the applicable cutoff time on the last business day of the month, regardless of when the transaction settles.

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Certain Definitions

“**Stifel**” means Stifel, Nicolaus & Company, Incorporated, Member SIPC and NYSE.

“**Stifel Banks**” means affiliated banks of Stifel, which may include Stifel Bank & Trust, Member Federal Deposit Insurance Corporation (“FDIC”); Stifel Bank, Member FDIC; Stifel Trust Company, National Association, Member FDIC; and Stifel Trust Company Delaware, National Association, Member FDIC. **Unless otherwise specified, products purchased from or held by Stifel in a securities account are not insured by the FDIC, are not deposits or other obligations of the Stifel Banks, are not guaranteed by the Stifel Banks, and are subject to investment risk, including possible loss of the principal.**

“**Stifel Smart Rate Program**” refers to a money market deposit account at Stifel Bank & Trust, Stifel Bank, Stifel Trust Company, N.A., or Stifel Trust Company Delaware, N.A., each an affiliate of Stifel, which is made available to eligible clients of Stifel. The deposits are insured by the FDIC, within applicable limits, and are not cash held in your securities account. For additional information and terms and conditions concerning these deposits, see the Stifel Smart Rate Program Disclosure, which is available at www.stifel.com/disclosures or from your Financial Advisor.

Account Disclosures

Errors and Inquiries – You should review this statement carefully and notify the Manager of the Office servicing your account of anything you believe to be incorrect. Any verbal communications should be re-confirmed in writing to protect your rights, including rights under SIPA. All statements furnished to you shall be considered accurate, complete, and acknowledged by you unless you report any inaccuracies to the Manager. Instructions and inquiries should be directed to your Financial Advisor. When making inquiries, please mention your account number. Please notify us promptly of any change of address.

Investment Objective – All clients are requested to promptly notify us of any material change in their investment objective or financial situation in order to assist us in maintaining current background and financial information.

Pricing and Rating of Securities – The pricing of securities displayed on your statement is derived from various sources and, in some cases, may be higher or lower than the price you would actually receive in the market. If we cannot obtain a price, “N/A” appears. For securities listed on an exchange or trading continually in an active marketplace, the prices reflect market quotations at the close of your statement period. For securities trading less frequently, we rely on third-party pricing services or a computerized pricing model, which may not always reflect actual market values. Similarly, some insurance product values provided by outside carriers may be valued as of a date other than the statement date. Bond ratings of securities were obtained from various rating services. There is no guarantee with respect to their accuracy. For current price quotes, please contact your Financial Advisor.

Cost Basis Information – All information provided with respect to cost basis is derived from transactions in the account or information supplied by other sources. There is no guarantee as to the accuracy of cost basis information or the profit and loss information provided for tax lots designated as noncovered. Stifel uses the first-in, first-out method when calculating the realized gain or loss on sale transactions unless a specific identification is made prior to settlement date. The gain or loss provided on your statement is informational only and should not be used for tax reporting. A 1099 including the cost basis for sale proceeds from covered tax lots will be provided after year-end for tax reporting. Please inform your Financial Advisor if a cost basis is not accurate.

Transaction Dates – All securities transactions are reflected on a trade date basis. Settlement of trades will normally occur in three business days unless stated differently on your trade confirmation. Title to securities sold to you where Stifel has acted as principal shall remain with Stifel until the entire purchase price is received or until the settlement date, whichever is later.

Custody of Securities – Securities held by Stifel, Nicolaus & Company, Incorporated for you, but which are not registered in your name, may be commingled with identical securities being held for other clients by our Correspondent, the Depository Trust Company, or in similar systems.

Assets Held Away – You may purchase certain assets through Stifel, which will be held at a custodial institution other than Stifel. Where available, we include information about these assets on your statement. The custodial institution is responsible, however, for providing year-end tax reporting information (Form 1099) and separate periodic statements, which may vary from the information included on your Stifel statement because of different reporting periods. Your Stifel statements may also reflect other assets “not held” at Stifel, in addition to those held by a custodial institution. The value and nature of these investments is generally provided by you. Stifel does not guarantee the accuracy of the information with respect to the value of these investments as reflected on your statement. Assets held away are not covered by Stifel SIPC.

Estimated Annual Income and Yields – Estimated annual income and yields are calculated by annualizing the most recent distribution and do not reflect historical experience or project future results. The yield information for the money market funds is based on historical performance; future yields will fluctuate. These figures have been obtained from sources believed to be reliable, but no assurance can be made as to accuracy. Before investing in any of these funds, carefully read the prospectus, which is available through your Financial Advisor.

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Additional information will be provided upon written request, and certain order routing information is available online at www.stifel.com/disclosures/best-execution. On request of a customer and at no fee, Stifel will disclose to such customer the identity of the venue to which such customer’s orders were routed for execution in the six months prior to the request, whether the orders were directed orders or non-directed orders, and the time of the transactions, if any, that resulted from such orders. Orders may be routed and executed internally through Stifel’s trading desk. In such instances, Stifel stands to share in 100% of remuneration received (in the case of orders executed as agent) or profits or losses generated (in the case of orders executed as principal) as a result of internalizing such orders. Customers may mail their inquiries to: Stifel – Attn: Equity Trading Compliance, One South Street, Baltimore, Maryland 21202.

Tax Information – Although your statement may describe certain items as Federally tax-exempt, this is for information purposes only. When reporting your taxes, please rely exclusively on the substitute Form 1099 you will receive from us after year-end for your taxable accounts. (For Retirement Accounts, Form 1099R will report distributions from the account rather than income and dividends or proceeds from sales.)

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Margin Accounts – If you have a margin account, this is a combined statement of your margin account and special memorandum account (“SMA”) maintained for you under Section 220.5 of Regulation T issued by the Board of Governors of the Federal Reserve System. The permanent record of the (“SMA”) as required by Regulation T is available for your inspection upon request. If you have applied for margin privileges and have been approved, you may borrow money from Stifel in exchange for pledging assets in your account as collateral for any outstanding margin loan. The amount you may borrow is based on Regulation T, Stifel’s internal policies, and the value of securities in your margin account. Securities held in a margin account are identified by the word “margin” on your statement. Stifel reserves the right to limit margin purchases and short sales and to alter its margin requirements and due dates for house or other margin calls in accordance with the Firm’s guidelines, market conditions, and regulatory margin requirements.

STIFEL

Account Disclosures Continued

Margin Account Interest Charges – The margin interest period includes the second to last day of the prior statement period through the third day prior to the last day of the current statement period. The margin interest charge is computed by multiplying the rate of interest by the average net daily settled debit balance and a fraction, the numerator of which is the number of days the debit balance existed, and the denominator of which is three hundred sixty (360). The rate of interest is determined by the cost of borrowing money and is subject to change without notice. The average net daily settled debit balance includes any settled credit and settled debit balances in your cash and margin accounts during the period. Please review the “Statement of Credit Terms” you have already received for further information.

Fully Paid Lending Participants – Without waiving any rights given to you, it is understood and agreed that the provisions of the Securities Investor Protection Act of 1970 may not protect the lender with respect to loaned securities hereunder and that, therefore, the collateral held for you may constitute the only source of satisfaction of Stifel’s obligations in the event Stifel fails to return the loaned securities.

Late Charges – If transactions in your account result in a debit balance in your cash account and you do not make payment by the settlement date, you may be subject to interest charges.

Free Credit Balances – Customer Free Credit Balances may be used in this Firm’s business subject to the limitations of 17CFR Section 240, 15c3-3 under The Securities Exchange Act of 1934. You have the right to receive from us in the course of normal business operations, upon demand, the delivery of: a) any Free Credit Balances to which you are entitled, b) any Fully-Paid Securities to which you are entitled, c) any Securities purchased on margin upon full payment of any indebtedness to us. If you participate in Cash Management Accounts, the payment to you of a Free Credit Balance may be subject to the cancellation of any commitment made in respect to your account for the payment of checks, automated clearing house (ACH) payments, ATM Card or Point of Sale transaction charges, or other debit card transactions.

Option Accounts – 1) Commissions and other charges related to the execution of option transactions have been included on confirmations for such transactions, which have already been sent to you, and copies of confirmations are available upon request; 2) should you have any changes in your investment objective or current financial situation, you should advise your investment professional immediately; and 3) assignment notices for option contracts are allocated among client short positions pursuant to an automated procedure that randomly selects from all client short option positions those contracts that are subject to assignment, which includes positions established on the day of assignment. Additional information pertaining to the procedures used for random selection is available upon request.

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COUNTY OF ORANGE
OFFICE OF THE TREASURER-TAX COLLECTOR
 Shari L. Freidenrich, CPA, CCMT, CPFA, ACPFIM
 P. O. BOX 4515
 SANTA ANA, CA 92702-4515



octreasurer.com/publicfunds

December 31, 2023

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

Fund Number : ██████████

DECEMBER 2023 STATEMENT

INVESTMENT BALANCE IN OCTP

Transactions

<u>Transaction Date</u>	<u>Transaction Description</u>	<u>Authorized Signer</u>	<u>Amount</u>
12/01/2023	November 2023 Investment Admin Fee		\$ (74.23)
12/28/2023	September 2023 Interest Paid		\$ 6,023.73

Summary

Total Deposit:	\$ 6,023.73	Beginning Balance:	\$ 1,798,856.53
Total Withdrawal:	\$ (74.23)	Ending Balance:	\$ 1,804,806.03

California State Treasurer **Fiona Ma, CPA**



Local Agency Investment Fund
P.O. Box 942809
Sacramento, CA 94209-0001
(916) 653-3001

January 29, 2024

[LAIF Home](#)
[PMIA Average Monthly Yields](#)

ORANGE COUNTY VECTOR CONTROL DISTRICT

DIRECTOR OF ADMINISTRATIVE SERVICES
13001 GARDEN GROVE BLVD
GARDEN GROVE, CA 92843

[Tran Type Definitions](#)

Account Number: [REDACTED]

December 2023 Statement

Effective Date	Transaction Date	Tran Type	Confirm Number	Web Confirm Number	Authorized Caller	Amount
12/22/2023	12/21/2023	RD	1744222	N/A	TAN NGUYEN	6,000,000.00

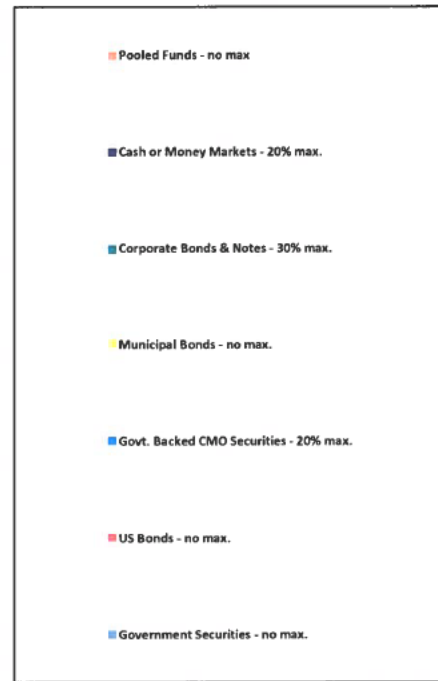
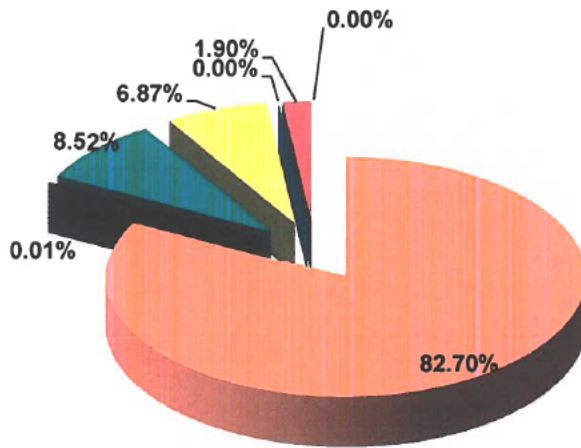
Account Summary

Total Deposit:	6,000,000.00	Beginning Balance:	16,014,289.85
Total Withdrawal:	0.00	Ending Balance:	22,014,289.85

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT - INVESTMENT SUMMARY Q2 FY 2024
 BASED ON FACE VALUE AT MATURITY

	STIFEL	LAIF	OCIP	Combined Total
Pooled Investment	\$0	\$22,014,290	\$1,804,806	\$23,819,096
Cash or Money Markets	\$2,334	\$0	\$0	\$2,334
Corporate Bonds & Notes	\$2,454,000	\$0	\$0	\$2,454,000
Municipal Bonds	\$1,980,000	\$0	\$0	\$1,980,000
Govt. Backed CMO Securities	\$0	\$0	\$0	\$0
US Bonds	\$548,000	\$0	\$0	\$548,000
Government Securities	\$0	\$0	\$0	\$0
Total	\$4,984,333.52	\$22,014,289.85	\$1,804,806.03	\$28,803,429.40

Investment Portfolio Summary




 Lora Young
 District Manager


 Tan Nguyen
 Finance Manager

SUMMARY OF INVESTMENTS BY CORPORATION/GOV'T BY INVESTMENT TYPE

	STIFEL	LAIF	OCERS	Combined Total
<u>Pooled Funds</u>				
Pooled Funds	\$0.00	\$22,014,290	\$1,804,806	\$23,819,096
Totals	\$0.00	\$22,014,290	\$1,804,806	\$23,819,096
			% of total fund	82.70%
	STIFEL	LAIF	OCERS	Combined Total
<u>Certificates of Deposit</u>				
Totals	\$0.00	\$0.00	\$0.00	\$0.00
			% of total fund	0.00%
	STIFEL	LAIF	OCERS	Combined Total
<u>Cash or Money Markets</u>				
STIFEL Deposit Program	\$2,333.52	\$0.00	\$0.00	\$2,333.52
Totals	\$2,333.52	\$0.00	\$0.00	\$2,333.52
			% of total fund	0.01%
	STIFEL	LAIF	OCERS	Combined Total
<u>Corporate Bonds & Notes</u>				
BMW Bank of North Amer	\$200,000.00	\$0.00	\$0.00	\$200,000.00
Rogers Mem Hosp Inc Bond	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Western Asset Mtg Cap	\$175,000.00	\$0.00	\$0.00	\$175,000.00
Socal Edison	\$150,000.00	\$0.00	\$0.00	\$150,000.00
Societe Generale	\$50,000.00	\$0.00	\$0.00	\$50,000.00
Realty Income Corp	\$200,000.00	\$0.00	\$0.00	\$200,000.00
BMO Harris Bank NA	\$145,000.00	\$0.00	\$0.00	\$145,000.00
Simon PPTY Grp LP Note	\$120,000.00	\$0.00	\$0.00	\$120,000.00
Morgan Stanley Bank	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Legg Mason Inc	\$125,000.00	\$0.00	\$0.00	\$125,000.00
Customers Bank	\$140,000.00	\$0.00	\$0.00	\$140,000.00
Bank of America Corp	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Fedl Home Loan Bank	\$135,000.00	\$0.00	\$0.00	\$135,000.00
Brookfield Fin Inc	\$115,000.00	\$0.00	\$0.00	\$115,000.00
FEDL Farm Credit Bank	\$50,000.00	\$0.00	\$0.00	\$50,000.00
Fedl Home Loan Bank	\$100,000.00	\$0.00	\$0.00	\$100,000.00
State Bank of India	\$59,000.00	\$0.00	\$0.00	\$59,000.00
Fedl Home Loan Mtg Corp	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Canadian Imperial Bank	\$140,000.00	\$0.00	\$0.00	\$140,000.00
Fedl Home Loan Bank	\$150,000.00	\$0.00	\$0.00	\$150,000.00
Totals	\$2,454,000.00	\$0.00	\$0.00	\$2,454,000.00

% of total fund **8.52%**

	STIFEL	LAIF	OCERS	Combined Total
Municipal Bonds				
Connecticut St	\$110,000.00	\$0.00	\$0.00	\$110,000.00
Kansas ST DEV FIN AUT	\$70,000.00	\$0.00	\$0.00	\$70,000.00
Amarillo, TX HOTEL TAX REV	\$75,000.00	\$0.00	\$0.00	\$75,000.00
Miami Dade Cnty FL Aviation Bonds	\$200,000.00	\$0.00	\$0.00	\$200,000.00
San Diego CONVNTN	\$170,000.00	\$0.00	\$0.00	\$170,000.00
New York, NY HSG DEV	\$110,000.00	\$0.00	\$0.00	\$110,000.00
Suffolk CNTY NY	\$250,000.00	\$0.00	\$0.00	\$250,000.00
Florida ST BRD ADMIN FIN	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Kentucky HSG Corp REV	\$200,000.00	\$0.00	\$0.00	\$200,000.00
Cleveland OH INCM TAX	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Stephenson CNTY IL SCHL	\$100,000.00	\$0.00	\$0.00	\$100,000.00
Bay Area TOLL AUTH	\$125,000.00	\$0.00	\$0.00	\$125,000.00
University CA REV	\$150,000.00	\$0.00	\$0.00	\$150,000.00
Massachusetts EDL FING AUTH	\$220,000.00	\$0.00	\$0.00	\$220,000.00
Totals	\$1,980,000.00	\$0.00	\$0.00	\$1,980,000.00
			% of total fund	6.87%

	STIFEL	LAIF	OCERS	Combined Total
Government Backed CMO Securities				
GNMA	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00
			% of total fund	0.00%

	STIFEL	LAIF	OCERS	Combined Total
Government Securities				
FNMA	\$0.00	\$0.00	\$0.00	\$0.00
Totals	\$0.00	\$0.00	\$0.00	\$0.00
			% of total fund	0.00%

	STIFEL	LAIF	OCERS	Combined Total
US Bonds				
US Treasury Bill	\$250,000.00	\$0.00	\$0.00	\$250,000.00
US Treasury Bill	\$100,000.00	\$0.00	\$0.00	\$100,000.00
US Treasury Bill	\$100,000.00	\$0.00	\$0.00	\$100,000.00
US Treasury Bill	\$98,000.00	\$0.00	\$0.00	\$98,000.00
	\$548,000.00	\$0.00	\$0.00	\$548,000.00
				1.90%

				\$28,803,429.40
Grand Total	\$4,984,333.52	\$22,014,289.85	\$1,804,806.03	\$28,803,429.40



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

February 15, 2024

AGENDA REPORT

AGENDA ITEM: E.4

Prepared By: Tawnia Pett, Executive Assistant/Clerk of the Board
Submitted By: Lora Young, District Manager

Agenda Title:

Approve Board of Trustee Committee Assignments for 2024

Recommended Action:

President Green recommends that the Board of Trustees approve the committee assignments for 2024.

Executive Summary:

The 2024 Trustee committee assignments were compiled utilizing the Trustee questionnaires and have been approved by President Green. Upon approval by the Board, new committees will commence immediately.

Strategic Plan Compliance:

This action complies with: PRIORITY AREA 1: Collaboration and Engagement with Partner Agencies, Stakeholders, and the Public. GOAL 1.1: Improve Trustee education, engagement, and advocacy. STRATEGY: Increase Trustee engagement and awareness through structured training, education, and collaborative programs.

Fiscal Impact:

What Amount is being requested? N/A

Is the Amount Requested Budgeted in the Current Fiscal Year?

If No, What Funds Are Requested?

Previous Relevant Board Actions for This Item:

Exhibits:

Exhibit A: Trustee Committee Assignments for 2024

OFFICERS AND COMMITTEES FOR 2024

BOARD OF TRUSTEES

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

PRESIDENT:	Craig Green	Placentia
VICE-PRESIDENT:	Cecilia Hupp	Brea
SECRETARY:	Bob Ruesch	Mission Viejo

EXECUTIVE COMMITTEE

(4 Members)

Craig Green (President)	Placentia
Cecilia Hupp (Vice President)	Brea
Bob Ruesch (Secretary)	Mission Viejo
Peggy Huang (Past President)	Yorba Linda

BUDGET & FINANCE

(9 Members)

Richard Hurt	Aliso Viejo
Cecilia Hupp	Brea
John Gabbard	Dana Point
James Gomez	La Habra
Robert Pequeño	Lake Forest
Erik Weigand	Newport Beach
John Taylor	San Juan Capistrano
Nathan Steele	Seal Beach
Crystal Miles	Villa Park

POLICY & PERSONNEL

(9 Members)

Tammy Kim	Irvine
Erica Pezold	Laguna Hills
Shari Horne	Laguna Woods
Tanya Doby	Los Alamitos
Jon Dumitru	Orange
April Josephson	RS Margarita
Nelida Mendoza	Santa Ana
Rebecca Gomez	Tustin
Amy Phan West	Westminster

OPERATIONS

(7 Members)

Joyce Ahn	Buena Park
Bill Turpit	Costa Mesa
Pat Burns	Huntington Beach
James Gomez	La Habra
Robert Pequeño	Lake Forest
Gary Taylor	Stanton
Crystal Miles	Villa Park

BUILDING, PROPERTY & EQUIP

(7 Members)

Bill Turpit	Costa Mesa
John Gabbard	Dana Point
Debbie Baker	La Palma
Mark Orgill	Laguna Beach
Erica Pezold	Laguna Hills
Craig Green	Placentia
John Taylor	San Juan Capistrano

PUBLIC RELATIONS

(9 Members)

Carlos Leon	Anaheim
Bonnie Peat	Cypress
Shana Charles	Fullerton
Stephanie Klopfenstein	Garden Grove
Gene Johns	Laguna Niguel
April Josephson	RS Margarita
Nathan Steele	Seal Beach
Rebecca Gomez	Tustin
Lisa Fernandez	County of Orange

NUISANCE ABATEMENT

(7 Members)

Kim Constantine	Fountain Valley
Pat Burns	Huntington Beach
Gene Johns	Laguna Niguel
Bob Ruesch	Mission Viejo
Nelida Mendoza	Santa Ana
Amy Phan West	Westminster
Peggy Huang	Yorba Linda

LEGISLATIVE

(9 Members)

Richard Hurt	Aliso Viejo	Mark Orgill	Laguna Beach
Carlos Leon	Anaheim	Erik Weigand	Newport Beach
Joyce Ahn	Buena Park	Steve Knoblock	San Clemente
Shana Charles	Fullerton	Lisa Fernandez	County of Orange
Stephanie Klopfenstein	Garden Grove		



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

February 15, 2024

AGENDA REPORT

AGENDA ITEM F.1

Prepared By: Alan Burns, Legal Counsel

Submitted By: Alan Burns, Legal Counsel

Agenda Title:

Approve First Amended Employment Agreement between the Orange County Mosquito and Vector Control District and its District Manager

Recommended Action:

The Board approve the Amended Employment Agreement between the Orange County Mosquito and Vector Control District and its District Manager Lora Young; and authorize Board President Craig Green to execute the amended contract.

Executive Summary:

In January 2023, Lora Young was hired as the District Manager at the Orange County Mosquito and Vector Control District.

Ms. Young's contract calls for an annual performance review of their duties and responsibilities as District Manager. The District's Executive Committee has conducted meetings between themselves and Ms. Young and recommended that their contract be amended.

The Executive Committee has completed its performance review process of the District Manager and provided its recommendation to the Board. The Executive Committee met in Closed Session and provided Board President Green the authority to negotiate with Ms. Young regarding an amended contract, including any compensation adjustments.

BACKGROUND:

During November and December 2023, the Board of Trustee's Executive Committee met with the District Manager to initiate the process of conducting the District Manager annual performance review as required by the employment contract for the period January 1, 2023, through December 31, 2023. All members of the Board of Trustees were all able to provide feedback to the District Manager and Executive Board on the District Manager's performance through the evaluation process. In January 2024, the Board of Trustees met in closed session to review the performance evaluation results and discuss any contract changes. President Green was then given authority to negotiate the terms of the agreement with the District Manager. President Green directed the District's legal counsel to prepare the contract amendment for consideration and discussion in open session.

The Amended Employment Agreement is attached, and all changes are outlined in strikeout/underline format. The substantive recommended changes to the employment agreement are as follows:

For the Period January 1, 2024, to December 31, 2024:

1. The District Manager's annual salary be adjusted by 7% from \$185,000 to \$198,000.
2. Vacation Cash Out Accrual will be adjusted from 80 hours to 120 hours.
3. The District's will increase the District's Deferred Compensation matching by \$20 per pay period, from \$330 per pay period to \$350 per pay period.

Additionally, and without contract amendment, the Board has approved the District Manager working remotely one day per month, provided they notify President Green by email which day they are taking. This approval is not meant to prevent the District Manager from working remotely on other occasions, consistent with District policy.

Consistent with the Brown Act, the approval of the District Manager's contract will be preceded by an oral report of the compensation adjustments. (Government Code Section 54953)

Strategic Plan Compliance:

None

Fiscal Impact:

What Amount is being requested? Salary increases of 7% (\$13,000) and an additional \$520 annually in deferred compensation matching.

Is the Amount Requested Budgeted in the Current Fiscal Year? No

If No, What Funds Are Requested? \$13,520

Previous Relevant Board Actions for This Item:

Approval of District Manager Contract – January 2023

Exhibits:

Exhibit A: District Manager First Amended Employment Agreement Redline Version

Exhibit B: District Manager First Amended Employment Agreement Clean Version

**EMPLOYMENT AGREEMENT
DISTRICT MANAGER**

On This ~~Day Of, ___~~ Day Of _____ (Year), The Orange County Mosquito and Vector Control District, A Mosquito and Vector Control District Established Pursuant to California Health and Safety Code Section 2000 ~~eEt s~~Seq., Referred to as "District", and Lora Young, Referred to as "Manager", Mutually Agree as Follows:

RECITALS

WHEREAS, Lora Young was selected as the District Manager by the Board of Trustees in 2023; and

WHEREAS, Lora Young has completed one year as the District Manager; and

WHEREAS, the Board has reviewed Manager's performance and desires to increase her compensation and benefits; and

WHEREAS, the parties do hereby desire to establish the terms and conditions of District Manager's employment in an Employment Agreement;

~~WHEREAS, — Lora Young was selected as the District Manager by the Board without a formal recruitment, after she had served in various capacities at the District, and most recently, as Assistant District Manager; and~~

~~WHEREAS, the Board has reviewed Manager's performance and desires to increase her compensation and benefits; and~~

~~WHEREAS, — the parties do hereby desire to establish the revised terms and conditions of District Manager's employment in an Employment Agreement;~~

~~NOW, THEREFORE, the parties agree as follows:~~

AGREEMENT

SECTION 1. DUTIES

A. District has employed Lora Young as the Manager of the District to perform the functions and duties of Manager as specified by law and as the Board of Trustees may determine, and to perform such other legally permissible and proper duties and functions as the Board of Trustees may from time-to-time assign.

B. Manager understands that she is to provide all services required by this Agreement and, as the District's chief executive employee, is not entitled to overtime under the Fair Labor Standards Act.

SECTION 2. TERM AND NATURE OF EMPLOYMENT

A. Manager's employment commenced on January 1, ~~2023~~2023~~4~~, and the term of this Agreement shall end on ~~January 1, 2028~~2029. The parties may choose to extend this Agreement at any time during the course of the term of this Agreement. At least one year before that date (on or before Start date plus one year) the Board shall review this Agreement and Manager's performance and determine if an extension shall be provided.

B. Manager shall serve at the pleasure of, and at the will of, the Board of Trustees. Manager shall have no property right to the job of Manager and shall be entitled to no due process or hearing rights before termination. Notwithstanding said relationship, Manager shall have the rights set forth in this Agreement in the event of termination of employment.

C. Manager agrees to remain in the exclusive, full-time employ of District during the term of this agreement, and neither to accept other employment nor to become employed by any other employer until termination of employment hereunder. The term of employment hereunder shall not be construed to prevent Manager from occasional teaching, writing, or consulting performed on Manager's time off, and not inconsistent with his duties as Manager hereunder. Manager shall keep the District's Policy and Personnel Committee informed of any other employment which may conflict with Manager's duties hereunder.

SECTION 3. TERMINATION AND SEVERANCE PAY

A. In the event the Board of Trustees determines to terminate Manager, it agrees to give her one hundred eighty (180) days' notice of its intention to do so. The Board of Trustees shall then have the option of allowing Manager to work for said one hundred eighty (180) days or may advise Manager that she is relieved of all duties.

B. In the event that the Board of Trustees determines to discontinue employment of Manager and to relieve her of all duties, and during such time that Manager is willing and able to perform ~~her~~is duties under this Agreement, District agrees to pay Manager, in addition to any other amounts that may be due Manager at the time of separation of employment, payment equal to six (6) months aggregate salary and benefits which District may elect to pay in a lump sum or monthly for a period of six (6) months, subject to the following conditions.

C. Such severance pay will only be used to compensate Manager for such time that she is not gainfully employed as Manager or in a comparable position with another employer. No severance pay will be provided if Manager's employment is discontinued because of her conviction of a felony or of any illegal act involving personal gain to her, just cause, insubordination or malfeasance. In accordance with AB 1344 (Gov. Code Sec 53243 et seq.) if Manager is convicted of a crime involving abuse of office or position, she

shall reimburse the District for salary and costs of defense paid in accordance with that law.

D. In the event Manager elects to voluntarily resign her position with District, then Manager shall first give District at least thirty (30) days' notice in advance, unless the parties otherwise agree. Upon such termination, Manager shall be entitled to accrued benefits otherwise payable to her under the terms of his employment hereunder but no severance pay.

E. Manager agrees to provide the Board of Trustees with one hundred and eighty (180) days' notice of her intention to retire.

SECTION 4. SALARY

A. For the Period January 1, 2024~~3~~ to December 31, 2024~~3~~, ~~that~~ the District Manager's annual salary shall be \$~~185,000~~198,000.

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B. In addition, the District agrees that the Board of Trustees, shall annually evaluate Manager's performance and may consider adjustments to said base salary and/or other benefits of Manager in such amounts and to such extent as the Board of Trustees may determine is desirable and appropriate.

SECTION 5. PERFORMANCE EVALUATION

A. The District shall endeavor to review and evaluate the performance of Manager in advance of the adoption of the annual operating budget, and at least annually thereafter in advance of said adoption, and at such other time or times as the parties deem appropriate. Said review and evaluation may be in accordance with specific criteria developed by the Board of Trustees in consultation with Manager. Said criteria may be added to or deleted from as the Board of Trustees may from time to time determine, in consultation with Manager. Further, the results of said evaluation shall be memorialized in writing and provided to Manager and all members of the Board of Trustees.

B. Annually, the Board of Trustees, in consultation with Manager, shall define such goals and performance objectives which they determine necessary for the proper operation of the District in the attainment of the Board's policy objectives and shall further establish a relative priority among those various goals and objectives to be reduced to writing. They shall generally be attainable within the time limitations as specified in the annual operating budget and appropriations provided.

C. In effecting the provisions of this section, the Board of Trustees and Manager mutually agree to abide by the provisions of applicable law.

SECTION 6. HOURS OF WORK, VACATION AND SICK LEAVE

It is recognized that Manager must devote substantial time in addition to the normal office hours to the business of the District. In recognition of this fact, District does hereby grant Manager the following vacation and sick leave:

A. On January 1, ~~2023~~2023, and thereafter, each year that Manager remains fully employed for District, District shall deposit 160 hours vacation into Manager's vacation "bank".

B. On January 1, ~~2023~~2023, and thereafter, each year that Manager remains fully employed by District, District shall deposit 98 hours Administrative Leave into Manager's Administrative Leave "bank". Administrative Leave may not be carried forward into subsequent calendar years.

C. Manager shall be allowed to maintain 480 hours of vacation accrual and is eligible to cash out accrued vacation in one increment per year of up to ~~80~~120 hours per fiscal year.

D. Sick leave shall be accrued in accordance with Resolution No 415, Art 5, sec 1, at 96 hours per year.

SECTION 7. HEALTH INSURANCE

A. From the effective date of this agreement, the District agrees to obtain or place in effect and make any required premium payments for health insurance benefits for Manager, including standard coverage for accidents, sickness, other medical and dependent group insurance coverage, including hospitalization, surgical and comprehensive medical insurance. The coverage provided under this paragraph by the District shall be deemed satisfied if the District provides group medical insurance coverage equal to or as a part of the health insurance coverage provided to other District employees of the District pursuant to policies or other enactments as may be established by the Board of Trustees from time to time. This benefit is outlined in the Personnel and Salary Resolution No. 415, or successor resolution.

B. Manager shall receive the same benefit as Administrative Management and Confidential Employees. Manager shall be entitled to disability insurance up to 60% of her salary, not to exceed \$6,000 per month in accordance with the District's current policy.

SECTION 8. RETIREMENT

A. It is agreed that Manager will be required to participate in any retirement program as outlined in Personnel and Salary Resolution No. 415, Article XIX. The Manager shall pay the full or the employee portion of the contribution (7%), the District will pay the full employer portion.

B. The District will contribute up to ~~\$330~~\$350 per pay period (on a matching basis) into the Manager's Deferred Compensation plan.

SECTION 9. SUBSCRIPTIONS AND PROFESSIONAL FEES AND DEVELOPMENT

It is anticipated that Manager will participate in such associations and organizations as may be necessary and desirable for her continued professional participation, growth and advancement, and for the good of the District. In that connection,

the District shall pay for or reimburse Manager for all approved expenses and fees incurred in that participation. Manager shall also be entitled to payment or reimbursement for travel, meetings and subsistence expenses as are reasonably necessary to continue the professional development of Manager and to adequately pursue necessary official and other functions for the District, including but not limited to American Mosquito Control Association, Mosquito and Vector Control Association of California, Society for Vector Ecology, and Entomological Society of America and other management, national, regional, state and local governmental groups and committees thereof which Manager serves as a member, with concurrence of the Board of Trustees. District also agrees to pay for necessary and related expenses of Manager for short courses, institutes and seminars necessary for her professional development and the good of the District, with the concurrence of the Board of Trustees. The Board of Trustees will consider during preparation and adoption of its budget those expenses reasonably necessary, and as may be reasonably available for the purposes of this section. All such expenses shall be in compliance with AB 1234. In addition, the Manager shall be entitled to the Reimbursement Plans outlined in the Personnel and Salary Resolution No. 415, Article IX, or successor resolution.

SECTION 10. VEHICLE

Manager shall have the option of accepting \$500 per month as an automobile allowance or the use of a District vehicle, subject to the following conditions:

A. District shall pay Manager a monthly automobile allowance of Five Hundred Dollars (\$500) per month in lieu of providing Manager with a vehicle. Said automobile allowance shall be subject to IRS and State tax and withholding laws. Manager shall demonstrate that she possesses adequate insurance on any vehicle in an amount not less than \$100,000/\$300,000 for bodily injury and \$50,000 for property damage. Manager shall at all times keep on file with the District evidence of current coverage in said amounts. Manager further releases the District from any liability caused to Manager's vehicle while Manager is operating said vehicle. Manager agrees to indemnify, defend and hold the District harmless from any claim, loss or litigation arising out of such vehicle use. Said monthly allowance shall be in lieu of all other compensation for automobile travel for Manager except that Manager shall also be entitled to out of County mileage while driving her vehicle on District business.

B. In lieu of being provided with an automobile allowance, District may provide Manager with a District vehicle. District shall be responsible for all gas and maintenance of the vehicle. District Manager shall be allowed to use said vehicle for commuting purposes and for incidental personal travel in Los Angeles, Orange, San Diego, Ventura, Santa Barbara, San Bernardino, Imperial, and Riverside Counties.

SECTION 11. OTHER TERMS AND CONDITIONS OF EMPLOYMENT

A. The Board of Trustees in consultation with Manager, shall fix any such other terms and conditions of employment as it may determine from time to time, relating to

performance of Manager, provided such terms and conditions are not inconsistent with or in conflict with the provisions of this agreement, District ordinances, or any other law.

B. All provisions of the District's other ordinances and regulations and rules of the District relating to other fringe benefits and working conditions as they may now exist or hereafter may be amended, shall also apply to Manager as they would to other employees of the District to the extent such benefits and conditions are not already provided for in this agreement.

SECTION 12. NO REDUCTION OF BENEFITS

District shall not during the term of this agreement reduce the salary, compensation or other financial benefits of Manager.

SECTION 13. NOTICES

Notices required by this agreement shall be in writing and given in person or by first class mail with postage prepaid to the most current address furnished by the recipient of the notice to the other party. Notice shall be deemed given as of the date of personal delivery or two days after the date of deposit of such written notice in the United States mail, properly addressed and with postage prepaid.

SECTION 14. ASSIGNMENT

This agreement is not assignable by either the District or Manager, and services of Manager may not be delegated hereunder.

SECTION 15. GENERAL PROVISIONS

A. The text herein shall constitute the entire agreement between the parties.

B. This agreement shall be binding upon the parties, and their heirs, executors, and successors in interest.

C. This agreement shall become effective January 1, ~~2023~~2024, upon execution of the parties hereto.

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IN WITNESS WHEREOF, the District has caused this Agreement to be signed and executed on its behalf by its President and Secretary and Manager has signed and executed this Agreement on the day and year first above written.

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

Craig Green, President

Lora Young, District Manager

[RobertBob](#) Ruesch, Secretary

**EMPLOYMENT AGREEMENT
DISTRICT MANAGER**

On This Day Of, ___ Day Of _____ (Year), The Orange County Mosquito and Vector Control District, A Mosquito and Vector Control District Established Pursuant to California Health and Safety Code Section 2000 et seq., Referred to as "District", and Lora Young, Referred to as "Manager", Mutually Agree as Follows:

RECITALS

WHEREAS, Lora Young was selected as the District Manager by the Board of Trustees in 2023; and

WHEREAS, Lora Young has completed one year as the District Manager; and

WHEREAS, the Board has reviewed Manager's performance and desires to increase her compensation and benefits; and

WHEREAS, the parties do hereby desire to establish the terms and conditions of District Manager's employment in an Employment Agreement;

NOW, THEREFORE, the parties agree as follows:

AGREEMENT

SECTION 1. DUTIES

A. District has employed Lora Young as the Manager of the District to perform the functions and duties of Manager as specified by law and as the Board of Trustees may determine, and to perform such other legally permissible and proper duties and functions as the Board of Trustees may from time-to-time assign.

B. Manager understands that they are to provide all services required by this Agreement and, as the District's chief executive employee, is not entitled to overtime under the Fair Labor Standards Act.

SECTION 2. TERM AND NATURE OF EMPLOYMENT

A. Manager's employment commenced on January 1, 2024, and the term of this Agreement shall end on January 1, 2029. The parties may choose to extend this Agreement at any time during the course of the term of this Agreement. At least one year before that date (on or before start date plus one year) the Board shall review this Agreement and Manager's performance and determine if an extension shall be provided.

B. Manager shall serve at the pleasure of, and at the will of, the Board of Trustees. Manager shall have no property right to the job of Manager and shall be entitled to no due

process or hearing rights before termination. Notwithstanding said relationship, Manager shall have the rights set forth in this Agreement in the event of termination of employment.

C. Manager agrees to remain in the exclusive, full-time employ of District during the term of this agreement, and neither to accept other employment nor to become employed by any other employer until termination of employment hereunder. The term of employment hereunder shall not be construed to prevent Manager from occasional teaching, writing, or consulting performed on Manager's time off, and not inconsistent with their duties as Manager hereunder. Manager shall keep the District's Policy and Personnel Committee informed of any other employment which may conflict with Manager's duties hereunder.

SECTION 3. TERMINATION AND SEVERANCE PAY

A. In the event the Board of Trustees determines to terminate Manager, it agrees to give them one hundred eighty (180) days' notice of its intention to do so. The Board of Trustees shall then have the option of allowing Manager to work for said one hundred eighty (180) days or may advise Manager that they are relieved of all duties.

B. In the event that the Board of Trustees determines to discontinue employment of Manager and to relieve them of all duties, and during such time that Manager is willing and able to perform their duties under this Agreement, District agrees to pay Manager, in addition to any other amounts that may be due Manager at the time of separation of employment, payment equal to six (6) months aggregate salary and benefits which District may elect to pay in a lump sum or monthly for a period of six (6) months, subject to the following conditions:

- 1) Such severance pay will only be used to compensate Manager for such time that they are not gainfully employed as Manager or in a comparable position with another employer. No severance pay will be provided if Manager's employment is discontinued because of their conviction of a felony or of any illegal act involving personal gain to them, just cause, insubordination or malfeasance. In accordance with AB 1344 (Gov. Code Sec 53243 et seq.) if Manager is convicted of a crime involving abuse of office or position, they shall reimburse the District for salary and costs of defense paid in accordance with that law.

- 2) In the event Manager elects to voluntarily resign their position with District, then Manager shall first give District at least thirty (30) days notice in advance, unless the parties otherwise agree. Upon such termination, Manager shall be entitled to accrued benefits otherwise payable to them under the terms of their employment hereunder but no severance pay.

- 3) Manager agrees to provide the Board of Trustees with one hundred and eighty (180) days' notice of their intention to retire.

SECTION 4. SALARY

A. For the Period January 1, 2024 to December 31, 2024, that the District Manager's annual salary be \$198,000.

B. In addition, the District agrees that the Board of Trustees shall annually evaluate Manager's performance and may consider adjustments to said base salary and/or other benefits of Manager in such amounts and to such extent as the Board of Trustees may determine is desirable and appropriate.

SECTION 5. PERFORMANCE EVALUATION

A. The District shall endeavor to review and evaluate the performance of Manager in advance of the adoption of the annual operating budget, and at least annually thereafter in advance of said adoption, and at such other time or times as the parties deem appropriate. Said review and evaluation may be in accordance with specific criteria developed by the Board of Trustees in consultation with Manager. Said criteria may be added to, or deleted from, as the Board of Trustees may from time to time determine, in consultation with Manager. Further, the results of said evaluation shall be memorialized in writing and provided to Manager and all members of the Board of Trustees.

B. Annually, the Board of Trustees, in consultation with Manager, shall define such goals and performance objectives which they determine necessary for the proper operation of the District in the attainment of the Board's policy objectives and shall further establish a relative priority among those various goals and objectives to be reduced to writing. They shall generally be attainable within the time limitations as specified in the annual operating budget and appropriations provided.

C. In effecting the provisions of this section, the Board of Trustees and Manager mutually agree to abide by the provisions of applicable law.

SECTION 6. HOURS OF WORK, VACATION AND SICK LEAVE

It is recognized that Manager must devote substantial time in addition to the normal office hours to the business of the District. In recognition of this fact, District does hereby grant Manager the following vacation and sick leave:

A. On January 1, 2024, and thereafter, each year that Manager remains fully employed for District, District shall deposit 160 hours vacation into Manager's vacation "bank".

B. On January 1, 2024, and thereafter, each year that Manager remains fully employed by District, District shall deposit 98 hours Administrative Leave into Manager's Administrative Leave "bank". Administrative Leave may not be carried forward into subsequent calendar years.

C. Manager shall be allowed to maintain 480 hours of vacation accrual and is eligible to cash out accrued vacation in one increment per year of up to 120 hours per fiscal year.

D. Sick leave shall be accrued in accordance with Resolution No 415, Art 5, sec 1, at 96 hours per year.

SECTION 7. HEALTH INSURANCE

A. From the effective date of this agreement, the District agrees to obtain or place in effect and make any required premium payments for health insurance benefits for Manager, including standard coverage for accidents, sickness, other medical and dependent group insurance coverage, including hospitalization, surgical and comprehensive medical insurance. The coverage provided under this paragraph by the District shall be deemed satisfied if the District provides group medical insurance coverage equal to or as a part of the health insurance coverage provided to other District employees of the District pursuant to policies or other enactments as may be established by the Board of Trustees from time to time. This benefit is outlined in the Personnel and Salary Resolution No. 415, or successor resolution.

B. Manager shall receive the same benefit as Administrative Management and Confidential Employees. Manager shall be entitled to disability insurance up to 60% of their salary, not to exceed \$6,000 per month in accordance with the District's current policy.

SECTION 8. RETIREMENT

A. It is agreed that Manager will be required to participate in any retirement program as outlined in Personnel and Salary Resolution No. 415, Article XIX. The Manager shall pay the full or the employee portion of the contribution (7%), the District will pay the full employer portion.

B. The District will contribute up to \$350 per pay period (on a matching basis) into the Manager's Deferred Compensation plan.

SECTION 9. SUBSCRIPTIONS AND PROFESSIONAL FEES AND DEVELOPMENT

It is anticipated that Manager will participate in such associations and organizations as may be necessary and desirable for their continued professional participation, growth and advancement, and for the good of the District. In that connection, the District shall pay for, or reimburse, Manager for all approved expenses and fees incurred in that participation. Manager shall also be entitled to payment or reimbursement for travel, meetings and subsistence expenses as are reasonably necessary to continue the professional development of Manager and to adequately pursue necessary official and other functions for the District, including but not limited to American Mosquito Control Association, Mosquito and Vector Control Association of California, Society for Vector Ecology, and Entomological Society of America and other management, national,

regional, state and local governmental groups and committees thereof which Manager serves as a member, with concurrence of the Board of Trustees. District also agrees to pay for necessary and related expenses of Manager for short courses, institutes and seminars necessary for their professional development and the good of the District, with the concurrence of the Board of Trustees. The Board of Trustees will consider during preparation and adoption of its budget those expenses reasonably necessary, and as may be reasonably available for the purposes of this section. All such expenses shall be in compliance with AB 1234. In addition, the Manager shall be entitled to the Reimbursement Plans outlined in the Personnel and Salary Resolution No. 415, Article IX, or successor resolution.

SECTION 10. VEHICLE

Manager shall have the option of accepting \$500 per month as an automobile allowance or the use of a District vehicle, subject to the following conditions:

A. District shall pay Manager a monthly automobile allowance of Five Hundred Dollars (\$500) per month in lieu of providing Manager with a vehicle. Said automobile allowance shall be subject to IRS and State tax and withholding laws. Manager shall demonstrate that they possess adequate insurance on any vehicle in an amount not less than \$100,000/\$300,000 for bodily injury and \$50,000 for property damage. Manager shall at all times keep on file with the District evidence of current coverage in said amounts. Manager further releases the District from any liability caused to Manager's vehicle while Manager is operating said vehicle. Manager agrees to indemnify, defend and hold the District harmless from any claim, loss or litigation arising out of such vehicle use. Said monthly allowance shall be in lieu of all other compensation for automobile travel for Manager except that Manager shall also be entitled to out of County mileage while driving their vehicle on District business.

B. In lieu of being provided with an automobile allowance, District may provide Manager with a District vehicle. District shall be responsible for all gas and maintenance of the vehicle. District Manager shall be allowed to use said vehicle for commuting purposes and for incidental personal travel in Los Angeles, Orange, San Diego, Ventura, Santa Barbara, San Bernardino, Imperial, and Riverside Counties.

SECTION 11. OTHER TERMS AND CONDITIONS OF EMPLOYMENT

A. The Board of Trustees in consultation with Manager, shall fix any such other terms and conditions of employment as it may determine from time to time, relating to performance of Manager, provided such terms and conditions are not inconsistent with or in conflict with the provisions of this agreement, District ordinances, or any other law.

B. All provisions of the District's other ordinances and regulations and rules of the District relating to other fringe benefits and working conditions as they may now exist or hereafter may be amended, shall also apply to Manager as they would to other employees

of the District to the extent such benefits and conditions are not already provided for in this agreement.

SECTION 12. NO REDUCTION OF BENEFITS

District shall not during the term of this agreement reduce the salary, compensation or other financial benefits of Manager.

SECTION 13. NOTICES

Notices required by this agreement shall be in writing and given in person or by first class mail with postage prepaid to the most current address furnished by the recipient of the notice to the other party. Notice shall be deemed given as of the date of personal delivery or two days after the date of deposit of such written notice in the United States mail, properly addressed and with postage prepaid.

SECTION 14. ASSIGNMENT

This agreement is not assignable by either the District or Manager, and services of Manager may not be delegated hereunder.

SECTION 15. GENERAL PROVISIONS

- A. The text herein shall constitute the entire agreement between the parties.
- B. This agreement shall be binding upon the parties, and their heirs, executors, and successors in interest.
- C. This agreement shall become effective January 1, 2024, upon execution of the parties hereto.

IN WITNESS WHEREOF, the District has caused this Agreement to be signed and executed on its behalf by its President and Secretary and Manager has signed and executed this Agreement on the day and year first above written.

ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

Craig Green, President

Lora Young, District Manager

Robert Ruesch, Secretary



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

February 15, 2024

AGENDA REPORT

AGENDA ITEM G.4

Prepared By: Tawnia Pett, Executive Assistant/Clerk of the Board
Submitted By: Lora Young, District Manager

Agenda Title:

Trustee Terms of Office to Expire on January 1, 2024 at 11:59 AM

Recommended Action:

Receive and File

Executive Summary:

The following Trustee terms of office will expire on January 1, 2024 at 11:59 AM.
Bolded City/County has appointed a representative:

Trustee Representative	Governing Body	Date of Appointment
Carlos Leon	Anaheim	December 12, 2023 4 Yr Term
Cecilia Hupp	Brea	November 7, 2023 4 Yr Term
Bonnie Peat	Cypress	January 8, 2024 2 Yr Term
Kim Constantine	Fountain Valley	December 19, 2023 2 Yr Term
Shana Charles	Fullerton	January 16, 2024 4 Yr Term
Pat Burns	Huntington Beach	December 19, 2023 2 Yr Term
Tammy Kim	Irvine	January 9, 2024 2 Yr Term
Debbie S. Baker	La Palma	December 12, 2023 2 Yr Term
Erica Pezold	Laguna Hills	January 9, 2024 2 Yr Term
Robert Pequeño	Lake Forest	December 19, 2023 4 Yr Term
Tanya Doby	Los Alamitos	December 18, 2023 2 Yr Term
Bob Ruesch	Mission Viejo	December 12, 2023 2 Yr Term
Jon Dumitru	Orange	November 14, 2023 2 Yr Term
Steve Knoblock	San Clemente	December 5, 2023 2 Yr Term
Nelida Mendoza	Santa Ana	November 21, 2023 2 Yr Term
Rebecca Gomez	Tustin	December 5, 2023 4 Yr Term
Crystal Miles	Villa Park	January 23, 2024 2 Yr Term
Lisa Fernandez	County of Orange	January 23, 2024 Finishing 2 Yr Term

Strategic Plan Compliance:

Complies with PRIORITY AREA 1: Collaboration and Engagement with Partner Agencies, Stakeholders, and the Public, GOAL 1.2: Improve public awareness and information sharing.

Fiscal Impact:

What Amount is being requested? N/A

Is the Amount Requested Budgeted in the Current Fiscal Year?

If No, What Funds Are Requested?

Previous Relevant Board Actions for This Item:

Exhibits:



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

February 15, 2024

AGENDA REPORT

AGENDA ITEM G.5

Prepared By: Tan Nguyen, Finance Manager
Submitted By: Lora Young, District Manager

Agenda Title:

Receive and File Fiscal Year 2024-25 Budget Preparation Schedule

Recommended Action:

Receive and file.

Executive Summary:

The Fiscal Year 2024-25 Operating and Capital Improvement Program budget is currently in development. The budget schedule is as follows:

Friday April 19, 2024

Electronic Distribution of Proposed 2024-25/25-26 Budget

Tuesday April 30, 2024, 11:30 AM

OCMVCD Special Meeting: Budget Presentation

Wednesday May 1, 2024, 11:30 AM

OCMVCD Special Meeting: Budget Presentation

Thursday May 16, 2024, 3:00 PM

Board Meeting: Adoption of 2024-25/25-26 Budget

Strategic Plan Compliance:

PRIORITY AREA 11: Fiscal Responsibility/Financial. GOAL 11.1: Conduct the Business and Operational Functions of the District in the most cost efficient and effective manner that prioritizes both fiscal and fiduciary responsibility to the residents of Orange County.

Fiscal Impact:

What Amount is being requested? N/A

Is the Amount Requested Budgeted in the Current Fiscal Year?

If No, What Funds Are Requested?

Previous Relevant Board Actions for This Item:

Resolution No. 560 Approving the Operating, Capital, and Revenue Budgets for Fiscal Year 2023-24

Exhibits:



ORANGE COUNTY MOSQUITO AND VECTOR CONTROL DISTRICT

February 15, 2024

AGENDA REPORT

AGENDA ITEM: G.6

Prepared By: Tawnia Pett, Executive Assistant/Clerk of the Board
Submitted By: Lora Young, District Manager

Agenda Title:

Receive Statement of Economic Interests 700 Forms for Filing

Recommended Action:

Receive and file.

Executive Summary:

Each trustee is required to complete a Statement of Economic Interests Form 700 by April 1, 2024. (Please note there are penalties for late filing). The cover page of the form 700 must have an original signature in blue ink. Trustees may obtain the form and additional information online at <http://www.fppc.ca.gov/Form700.html> or file electronically as indicated below.

Electronic Filing: All trustees should have received information from the Clerk of the Board of Supervisors regarding filer instructions for electronically filing their Statement of Economic Interests Form 700, including log-ins, IDs, and passwords. The link to this site is <https://www.southtechosting.com/OrangeCounty/eDisclosure/>

Please contact Tawnia Pett if you have not received this information. Electronic filing is not mandatory.

Trustee Filing Disclosure is Category OC-1: All interests in real property in Orange County, as applicable, as well as investments, business positions, and sources of income (including gifts, loans, and travel payments) "Your Position" should be filed as "Board Trustee".

Fiscal Impact:

What Amount is being requested? N/A

Is the Amount Requested Budgeted in the Current Fiscal Year?

If No, What Funds Are Requested?

Previous Relevant Board Actions for This Item:

Exhibits:

CARPET BEETLES & CLOTHES MOTHS

Two common fabric pests are carpet beetles and clothes moths. Carpet beetles or "buffalo moths" are not as well known as clothes moths but are often more abundant. Their damage is frequently blamed on clothes moths.

Adult Carpet Beetle



Carpet Beetle Larva

HABITATS AND DAMAGE

- The larvae of these pests are in the damaging stage and prefer to work in dark areas of drawers, cupboards, closets, boxes, etc.
- Larvae feed on anything that contains feathers, wool, fur, or animal hair.
- Carpet beetle larvae become one-quarter inch long, elongated-oval in shape, and have brownish to black bristles that give them a gray or golden fuzzy appearance.
- As they develop, it reaches the end of their larval stage, it pupates in their final skin by molting and turning into an adult.
- The adult carpet beetle is about three-sixteenths of an inch long, broadly oval, and dark mottled with white, yellow, brown, or black.
- Adult beetles and larvae live around baseboards and moldings.
- Carpet beetles are frequently brought in with infested materials, on clothing, etc.

Clothes Moth Adult



Clothes Moth Larva (Caterpillar)

HABITATS AND DAMAGE

- The larvae of these pests are in the damaging stage and prefer to work in dark areas of drawers, cupboards, closets, boxes, etc.
- Larvae feed on anything that contains feathers, wool, fur, or animal hair.
- The full-grown clothes moth larvae are about three-eighths of an inch long, white with a brownish head, and practically hairless.
- As they develop, they cast their skins and the small fuzzy case in the image above is the first sign of an infestation.
- Larvae prefer dark, undisturbed areas and they can attack a wide array of items.
- Adults have four wings, are weak flyers and since they avoid lighted areas, are rarely seen.
- Adults prefer to rest in dark, undisturbed areas such as closets, attics, or basements, and will also live in the folds or seams of fabrics.

PREVENTION

- Practice good housekeeping constantly.
- Vacuum cleaning is the best way to remove lint and hair from hard-to-reach places, especially close to the wall.
- Rotate rugs or the furniture on wall-to-wall carpeting.
- Woolen scraps, pennants, or garments that lay for long periods are a source of infestation. Store these items properly with treated paper, or get rid of them.
- Dry cleaning kills all stages of these pests but is no protection against re-infestation.
- You can rid woolen articles of pests by brushing them, incredibly close to the seams, and sunning them for several hours.
- Carpet beetle larvae may feed on dried flour-like food products, in old wasp nests, or on museum specimens.

PRECAUTIONS

1.	Handle insecticides with care and follow instructions on the label.
2.	Do not use around open flame or exposed foods, and always clean food preparation areas after the use of pesticides.
3.	Store out of reach of children and pets, preferably in locked cabinets.
4.	Never keep pesticides in anything other than the original container.
5.	Never reuse the pesticide container to store any other materials.
6.	Dispose of all empty containers by placing them in the trash can for removal to the local disposal area.

How to Get Rid of Carpet Beetles and Carpet Beetle Larvae

By Gretchen Heber and Bob Vila Staff | Updated Dec 12, 2023 2:14 PM



Photo: istockphoto.com

Carpet beetles enter your home in myriad ways: hitching rides on cut flowers, clothing, or pets, or simply flying in through open windows. Once inside, carpet beetles can settle in and lay eggs, and their larvae can wreak havoc on rugs, curtains, upholstery—even your clothing.

“They like organic material,” says Kyle Morgan, owner and founder of Care Pest Pros in Spicewood, Texas. “They’ll feast on rugs, carpet, clothing, even the dried-out carcass of a mouse in your attic,” he adds. Don’t give carpet beetles a chance to do any real damage. As soon as you spot one of the little buggers, follow this multi-pronged strategy for getting rid of carpet beetles fast.

What are carpet beetles?

Carpet beetles are among the most destructive insect invaders. They tend to congregate around windows and doorways, so check these areas if you suspect an infestation. While irksome, adult carpet beetles, which also can enter the home through electrical outlets, are harmless; only in the larval stage are they a threat to natural fibers.

What do carpet beetles look like?

In the adult stage, these creepy culprits are oval, less than $\frac{1}{4}$ inch long, and either brown, black, or a mottled combination of tan, white, and black. In the larval stage, they are $\frac{1}{8}$ to $\frac{1}{4}$ inch long, and have a tan and brown striped appearance. The larvae also sport bristly hairs. Carpet beetles, Morgan says, are sometimes mistaken for bed bugs, which have more of a striped appearance, as opposed to carpet beetles’ mottled look.

Where They Live

Don’t assume from the common name alone that these pests dwell only in carpets. As a general rule, they favor dark areas, including:

- Behind baseboards
- Pantries
- Closets
- Dressers (especially where furs or wool clothing are stored)
- Sofas
- Armchairs
- Other upholstered furniture

- Attics

Dust bunnies under furniture and in corners, especially with pet fur and dander, are likely attractions for carpet beetles, too.

What They Eat

While synthetic fibers are safe, natural textiles such as the following are susceptible to carpet beetle damage:

- Cotton
- Linen
- Silk
- Wool
- Leather

Natural fiber rugs and carpets, of course, are the carpet beetles' primary food sources. But the pantry, too, might serve these pests. Some species of carpet beetles feed on:

- Pasta
- Flour
- Cornmeal
- Dry pet food

There are types of carpet beetles that eat dried flowers and potpourri, and even animal hides.

How They Reproduce

The life cycle of a carpet beetle might be a mere 2 months to several years long. Adults can deposit more than 100 eggs, which hatch within 7 to 35 days. While carpet beetle larvae can survive for several weeks without food, it's at that stage when the insects are most destructive.

Signs of a Carpet Beetle Infestation

Carpet beetle eggs are tiny and very hard to see, so most folks don't notice an infestation until they spot damage to fabrics or other items. Look for:

- Bare spots in rugs or small holes in clothing or furniture fabrics
- Shorter carpet nap or irregular open spaces in the weave
- Larger holes indicating where carpet beetles have inflicted significant damage

"They're more commonly seen in the warmer months," says Morgan, so be particularly vigilant in spring and summer, he says.

How to Kill Carpet Beetles and Carpet Beetle Larvae

The good news is that once you've identified their presence, you usually can banish carpet beetles without the expense of an exterminator. The first step, says Morgan, is to identify the area with the highest concentration of beetles and offspring and start your efforts there. "If you have a nice silk shirt that's been chewed up, toss the shirt, and then wash and dry everything else in the closet on high heat," Morgan says.



Here are six ways to attack destructive larvae, plus a treatment to get rid of adult carpet beetles for good. Whenever possible, choose methods that are the least harmful to a home's occupants or the environment:

1. Boric Acid

Boric acid, which acts as a poison on insect metabolism, is only hazardous to humans if ingested or inhaled in large quantities. You can find it in powder form at pharmacies, or in the laundry aisle of supermarkets. Sprinkle it lightly and evenly on the carpet, then use a broom or brush to distribute it into the fibers. Wait several hours and vacuum thoroughly.

You might also prepare a larvae-killing spray by adding 1 tablespoon of boric acid to 2 cups of hot water and stirring until the powder dissolves. Fill a plastic spray bottle with the solution and mist curtains, upholstery, baseboards, and dark nooks and crannies.

2. Diatomaceous Earth

Another natural product, diatomaceous earth (available via agricultural feed stores and various online retailers) is a desiccant that kills quickly by dehydrating larvae. Treat rugs in the method described for boric acid above, and sprinkle some diatomaceous earth in the back of cabinets and closets and around baseboards. Be sure to choose food grade diatomaceous earth, and wear gloves and a respirator or mask to keep from inhaling the fine dust particles when applying it.

3. Vinegar

Both white and apple cider vinegar are effective against carpet beetles. Pour straight vinegar into an empty spray bottle and mist well on furniture, carpets, and clothing. If you discover signs of a carpet beetle infestation in a closet or dresser drawers, you may wish to wash clothing stored there in a vinegar and water solution to kill larvae and/or eggs.

4. Vacuuming and Steam Cleaning

Morgan tells his clients to "vacuum, vacuum, vacuum" to address a carpet beetle infestation. "Vacuum the crevices, and just clean and vacuum everything thoroughly," he says. "And then immediately empty the vacuum canister outside," he adds. Regular vacuuming can get rid of carpet beetles, sometimes before they have a chance to do much damage.

Be sure to add the right vacuum attachments to get into crevices and clean drapes and upholstery. Heat is another powerful weapon against carpet beetles, so steam cleaning your home will kill larvae and eggs and then suck them up.

Though the solutions offered in this content are all effective, not all of them are organic or sustainable. The staff of BobVila.com encourages readers to make informed choices about maintaining their home and property. We recommend starting with the least extreme solution, escalating only if necessary, and prioritizing solutions that will not have detrimental effects on the health and longevity of this planet and its inhabitants.

5. Insecticide

If all else fails, you can quell an active larvae infestation by treating carpet or upholstery with an insecticide that contains at least one of the following ingredients: deltamethrin, tetramethrin, bifenthrin, or cyfluthrin. Test in an inconspicuous area before treating the entire carpet to ensure the product won't stain. Most of these chemicals have cautions against use around people and pets, so follow the manufacturer's instructions carefully.

6. Fogger

Adult female carpet beetles flying around the house might not be destroying your belongings, but they can keep the cycle going by laying eggs, and restarting the whole nasty process. A last resort for addressing carpet beetle adults is to use a flying insect fogger. Foggers carry many precautions, especially for infants and children.

How to Prevent Carpet Beetle Infestations

Prevention is always the most effective, and least harmful, way to control insects. Once you're rid of carpet beetles, make a few smart moves to keep them from coming back.

- Hang sticky flypaper strips near windows to prevent adult carpet beetles from entering your home.
- Place sticky pheromone-type traps on windowsills and in closets to keep carpet beetles from laying eggs.
- Keep dry foodstuffs like noodles and flour in airtight containers.
- Stick to a weekly dusting, sweeping, and vacuuming schedule so carpet beetles can't get a comfortable footing in your home.
- Note that carpet beetles prefer to feed on soiled fabrics, so clean clothing of spills, perspiration, and other substances before storing it.



Orange County
Mosquito and Vector Control District

A Public Health Agency Serving Orange County Since 1947

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Trustee Name and City: Steven Knoblock - San Clemente

Name of Conference/Event: 92nd Annual MVCAC Conference

Date: January 21 thru Jan 24, 2024

Location: Monterey, CA

I, along with various Trustees and staff members attended numerous seminar presentations Sunday afternoon through Tuesday afternoon on topics ranging from vector eradication techniques, disease identification and treatment protocols, regional and foreign vector identification and eradication techniques and mosquito biological modification technology. The presentations were more informative than I thought they would be and I am sure beneficial to the other Trustees and staff as well.

Date: 1.30.24

Signed: [Signature]

Print Name: Steven Knoblock



Orange County
Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Trustee Bob Ruesch Mission Viejo

Name of Conference/Event: MVCAC

Date: Jan 21 - 24 2024

Location: Monterey

My interests focused on latest SIT technology and successes and the benefits of 3D printing. additionally I sat in on the sessions about malaria in Africa and latest information on Dengue that has emerged in Los Angeles County

Date: 1/26/2024

Signed: 

Print Name: Bob Ruesch



Orange County
Mosquito and Vector Control District

Protect. Promote. Prevent. Progress. Community. Control. 1929

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: CRAIG S. GREEN, CHAIR & BOARD

Name of Conference/Event: MVICAC MONTEREY

Date: 1-21-24 / 1-24-24

Location: MONTEREY CA.

please see attached sheet

Date: 1-31-24 Signed: *[Signature]*

Print Name: CRAIG S. GREEN

2024 MVCAC MONTEREY CONFERENCE

ATTENDED BY CRAIG S. GREEN

This was my first attendance at the Annual Conference and it was an incredible experience. The exhibition hall was filled with very interesting vendors and products specific to Vector Control. Wondering around that hall provides some real insight into what it really takes to try and control the various Vectors (pests) here in California. The myriad of products that can be applied to varied vector situations and/or terrains is huge and, to me, seemingly very complex. The many breakout sessions available for attendees provided as much information as one could possibly absorb. It was, in some cases, like taking a drink from a firehose. While the sessions were very interesting, my favorite was the one dealing with the expanding use of drones in the Vector Control business. The displays in the exhibition hall were very enlightening and the breakout sessions were even more interesting after seeing the aircraft firsthand. I recommend that Trustees be provided an opportunity to do a field trip with our own field personnel to see how our own drone program is being utilized and applied here in Orange County. After attending this conference I was struck by a few things. One, the general public is, unfortunately, not really aware of the huge amount of work that our own OCMVCD does in keeping the Vector families under control and limiting their growth and two, the absolute scariness of what our Orange County (and the State of California as a whole) would look like if it were not for the activities of Vector Control Districts. I believe we would be overrun by "Vectors" and our communities would certainly be uncomfortable and even scary places to live. I think back on the information from one of the breakout sessions that spoke of the work it took to establish Vector Control Districts back in the early 1900's. The work our District does and our team of professionals that go out every day to fight against the mosquitos, rats and other "Vectors" are, in my opinion, the Heros of the day. Thanks for the opportunity to attend the conference.





Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: KIM CONSTANTINE, TRUSTEE, CITY OF FOUNTAIN VALLEY

Name of Conference/Event: MVCAC CONFERENCE

Date: SUNDAY, JANUARY 21 – WEDNESDAY, JANUARY 24, 2024

Location: PORTOLA HOTEL AND MONTEREY CONFERENCE CENTER, MONTEREY, CA

Please see the several pages attached.

Date: JANUARY 30, 2024

Signed: *Kim Constantine*

Print Name: KIM CONSTANTINE

**Sunday, January 21st through January 24th, 2024 – MVCAC CONFERENCE,
Portola Hotel and Monterey Convention Center, Monterey, CA**

As the City of Fountain Valley Trustee for the Orange County Mosquito and Vector Control District, attended the 4-day MVAC (Mosquito and Vector Control Association of California) Conference in Monterey with trustees of a few other cities and a few OCMVCD staff. It was the 92nd annual Conference and the theme was “Vector Control in the Modern World”. The Conference was at the Portola Hotel and Monterey Conference Center.

On Sunday, January 21st, there was a Trustee Session from 1 p.m. to 5 p.m. - “District Preparedness in Times of Change” that I attended.

Information from various presenters included:

- “Jumping in: Engaging with the association as a trustee”
- “From Aedes to Zika: Vector control in the modern world”
- “Understanding board member/trustee district liability issues”
- “Indemnification of directors and employees authority”
- “Defense and indemnification of directors and employees - civil actions”
- “Mitigating director liability - resources and support”

For me, this 4 hours of presentations was very beneficial. I am now in my 3rd year as a Trustee (City of Fountain Valley). I feel it has all come together for me as my role has been clearly defined today.

In the evening, I attended the vendor exhibits and Presidents Reception. As a group, we had dinner at Kona.

Monday, January 22nd

Attended speaker sessions from 8 a.m. to 4:45 p.m. on this 2nd conference day:

- “Morning Plenary Session and Reeves New Investigator Award”
- “Welcome to the MVCAC Conference” by Conklin Reid, MVCAC President
- “AMCA update”
- “The mosquito crusades: by their deeds you will know them”
- “A road not traveled - the Africa mosquito/malaria control story”
- “Cases & faces a VBD clinical primer”

“Getting the public on your team: how to engage the public using social media”

“Reeves new investigator - Dengue and chikungunya virus loads in the mosquito Andes a Egypt are determined by distinct genetic architectures”

“Effectively engaging a diverse population”

“The crucial role of strong resident-technician relationships in vector control programs”

“What’s the procedure? Taking surveillance data to social media”

“Trials and tribulations of language translations for community outreach”

“Can you visualize it? Community science data for grades K-8”

“The forgotten audience: How improving internal communication can inspire fellow vector control employees”

“Surpassing the static”: Video content increases engagement(s)”

“Hands on”: Produce, shoot, and edit great photos and videos in 5 minutes”

“3D Printing symposia”

“Introduction to 3D printing”

“Developing a 3D printing program and preliminary results”

“A 3D printed vector surveillance trap (VST)”

“Using 3D printing to support programs at Placer Mosquito and Vector Control District “

“A tool to make more tools for mosquito control”

“Using 3D printed tools to streamline mosquito control product evaluations”

“Leveraging 3D printing for custom solutions in vector control applications”

“3D printing: A gateway to budget-friendly solutions at Shasta Mosquito and Vector Control District”

“3D printing at Delta Mosquito and Vector Control District”

As a group, we had dinner at Medici Pizza.

Tuesday, January 23rd

Attended speaker sessions from 8. a.m. to XX p.m. on this 3rd conference day:

“District preparedness and planning”

“Methods and challenges of evaluations mosquito control strategies”

“Evolution of the OPS application”. Adapting to the modern landscape of mosquito control in the Coachella Valley”

“Surveillance for mosquito-borne Encephalitis Virus activity in California, 2023”

“A day in the life of a service request”

“Targeting”: Directing surveillance efforts to optimally deploy control resources”

“Incorporating Sterile Insect Technique (SIT) into IPM toolbox to control invasive Andes mosquitoes in the West Valley region of San Bernardino, California”

“Preparing the public for sterile male releases”

“The Southern California SIT joint pilot project update year two: The journey of developing engagement strategies and processes for X-ray sterilized male *Aedes aegypti* releases”

“Moving towards sterile male mosquito mass releases: Fitness assessments of *Aedes aegypti* (Diptera: Culicidae)”

“Mosquito Pool Shipping Conditions”

“Enhancing local preparedness: Mobilizing volunteer resources against local transmission of Aedes-borne disease in Los Angeles County”

“CalSurv development: New tools for vector control”

“Making use of your data: Decisionmaking and reporting using CalSurv”

“Evaluation of the sensitivity and utility of dead bird surveillance for West Nile Virus in Sacramento and Yolo Counties”

“Enhancing public health entomology training”

“The pivotal power of prudence when managing mosquito and vector control money”

“AMCA drone program: Removing barriers and encouraging innovation”

“Using drones for mapping: A brief introduction to the dos and don’ts”

“Dispersal drone-related operations: Risk mitigation with other flying objects, people, and property”

“The battle at Big Sur”

“Methods and applications for mosquito larval habitat identification and automated treatments”

“Implementation of Unmanned Aircraft System (UAS) into Vector Control Program”

“Utilizing drones in Contra Costa County to conduct larviciding treatments during an above average rainfall mosquito season”

“UAS realtime wind speed data collection”

“Local Transmission of Dengue Panel Discussion” with various panelists. This panel summarized the lessons learned from the first local transmission of Dengue in California, emphasizing the importance of ongoing surveillance, community engagement, and global collaboration to prevent and manage emerging infectious diseases in the future.

As a group, we had lunch at Alvarado Street Brewery, then attended the Mosquito and Vector Control of California Night, Conference closing event at the Monterey Bay Aquarium.

*****Some points from this multi-day Conference I learned

Vector Control is subject to all government rules and regulations.

Mosquito control must be environmentally based and sustainable.

If we cannot get others to listen, we cannot serve. Heard these from the speakers.

West Nile Virus has a vaccine.

Our Orange County Mosquito and Vector Control District in Garden Grove was established in 1947.

Our Orange County Mosquito and Vector Control District serves 9 million residents. And if I heard correctly, the annual budget is \$40 million dollars.

Monterey Bay and NRL Coastal Environmental Center

“The from Aedes to Zika: Vector control in the modern world” presentation from Sunday, was very informative.

Learned about West Nile Virus in regards to dead birds: how to test, response trapping, etc. and that all mosquito sources within the radius are inspected. Hopefully, the number of positive mosquitoes will be reduced after testing.

SIT (sterile insect technique) target release area will be Mission Viejo and is targeted for summer and/or fall, 2024.

All the 3D printer and drone information was interesting and informative.

Wednesday, January 24th

Attended some of the MVCAC (Mosquito and Vector Control Association of California) Board Meeting, then drove to San Jose with the group and enjoyed lunch at Famiglia Meduri Poor House Bistro in San Jose, then drove to the airport to catch our flight back to Orange County that evening.

I had a really great first trip – everything was fabulous.

Kim Constantine
OCMVCD Trustee, City of Fountain Valley



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Lora Young, District Manager

Name of Conference/Event: MVCAC 2024 Annual Conference

Date: January 21, 2024 – January 24, 2024

Location: Monterey, California

The Mosquito and Vector Control of California Annual Conference was held in Monterey, California in 2024. The Conference was organized a bit differently and instead of being broken down by departmental subjects it was organized by topic (Dengue, Cyber Security, and Emergency Preparedness) and had a focus of planning and response for future and current disease threats.

The Keynote speakers were some of the best speakers I have heard at MVCAC. The first keynote speaker talked about the history of mosquito control in California and how it has evolved. He spoke about people that have both contributed to the advancement of vector control and researchers who are often quoted by non-toxic supporters. However, when looking at all their work, what all those people added to vector control was trying to achieve a balance of IVM, by using multiple ways to reduce vectors, and not just relying on pesticides.

The other keynote speaker was from a media company and spoke about viral videos. He was very entertaining and provided some good points on why social media isn't all about short videos. He showed examples of videos that, while not short, were mesmerizing, such as the landscape company owner who cleans sidewalks. He also spoke about the power of suggestion and how videos, influencers, and social media do change behavior because we make purchases or change behaviors based on our social media viewing.

For the presentations, I focused on emergency preparedness. One of the sessions was a roundtable on local Dengue transmission. It was eye opening to see how two different regions in the same county had different responses to the outbreaks but ultimately used their resources to protect public health. Dengue outbreak #1 in Pasadena has a special district mosquito control, and the response was quick out to the field and for control. Dengue outbreak #2 was a combination of a public health department that conducts vector control services and the neighboring vector control special district providing emergency assistance. This case required

some additional planning and stakeholder buy-in due to multiple agencies, but ultimately had the same response as Dengue outbreak #1. The takeaway for me was that we currently implement many of the protocols that are needed to react to local Dengue transmission cases and while we hope that local cases are rare, we now know that they are happening in California and will have to deal with them.

Overall, the conference provided some insight and good information. I enjoyed all the talks I attended and was able to speak with many colleagues to discuss opportunities and challenges we are facing across California.

Date: January 31, 2024

Signed: *Lora Young*

Print Name: Lora Young



Orange County Mosquito and Vector Control District

A Public Health Agency Serving Orange County Since 1947

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Tawnia Pett, Executive Assistant/Clerk of the Board

Name of Conference/Event: MVCAC Annual Conference

Date: January 21-24, 2024

Location: Monterey, CA

I attended the Mosquito and Vector Control Association of California Annual Conference in Monterey, California January 21-24, 2024, and there was a major theme that ran through the presentations: the importance of collaboratively working together with other agencies to effectively control vector problems.

One of the keynote speakers was Dr. Darvin (Scott) Smith, an infectious diseases doctor who is also on the board of the San Mateo Mosquito and Vector Control District. He is called in on cases when the doctor on staff cannot figure out what is wrong with a patient. It was interesting to see how he solves “mystery illnesses” with his staff. And it shows the importance of medical doctors, public health agencies, and vector control district all working together. This theme was also proven in the Local Transmission of Dengue Symposium. Local doctors, public health agencies, and mosquito control districts all worked together quickly and efficiently to stop local transmission of dengue in two different locations in Los Angeles County. These presentations showed that medical doctors, public health departments, and vector control district are all integral components of the three-legged stool. Each one is vital for continued success. And the case studies in the Local Transmission of Dengue Symposium showed how vital it was to act quickly and as a group to solve a problem before it potentially got out of hand.

Another symposium I attended was Managing Mosquitoes in Agricultural Systems and Impounded Waters. A number of these presentations were about the Tulare Lake that was formed due to sever flooding last year from higher-than-normal snowfall in the Sierra Nevada Mountains. While other areas in California saw on the news what was happening in the Central Valley during this flooding, seeing the photos in the presentations really showed what a huge problem it was. The lake was over twice the size of the Sacramento area, about 120,000 acres. And all that water became potential mosquito sources all over the region. The local districts were overwhelmed with the size of the mosquito problem and outside vendors had to be called in to help with the mosquito problem. The vendor that performed the mosquito control services

also presented and hearing the logistics of getting all of the control products, licensing, surveillance, staff, and equipment that quickly to be able to effectively stop a mosquito outbreak was truly astounding. Again, this was another example of agencies working together quickly and effectively to stop a potential overwhelming mosquito problem.

Overall, it was a great conference with a number on new topics being covered and was very informative for everyone in attendance.

Date: January 30, 2024

Signed: *Tawnia Pett*

Dept Mgr Signature: _____

Print Name: Tawnia Pett



Orange County Mosquito and Vector Control District

A Public Health Agency Serving Orange County Since 1947

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Miquel Jacobs, Director of Communications

Name of Conference/Event: MVCAC Annual Conference

Date: January 21-24, 2024

Location: Monterey, California

I attended the Mosquito and Vector Control Association of California (MVCAC) Annual Conference from January 21-24 in Monterey, Calif., and the timing of the conference was perfect as there were many presentations focused specifically on communications and outreach efforts that are beneficial for Communications Department.

The plenary session presentation by Mike Watson entitled "Getting the Public on Your Team: How to Engage Using Social Media" was extremely valuable to me as the Director of Communications, especially considering that our department is currently in the process of gauging our past use of social media and how to best leverage our platforms in the future. The session was helpful in its breakdown of three main points of successful social media: 1) be interesting, 2) post something everyday and 3) find your voice.

A presentation entitled "Trials and Tribulations of Language Translations for Community Outreach" also spoke to another key area that the department is focusing on for the 2024 campaign. As the District is exploring how to best engage Spanish-speaking and other communities that do not speak English as a first language, the lessons learned from this session included understanding the challenges of accuracy and quality control. An example given was that scientific nuances and turns of phrase do not translate well to other languages and lead to a loss of confidence in your messaging from the targeted communities. Using plain language and short paragraphs when translating from English to another language was presented as a best practice that the Department will incorporate in future efforts.

Other sessions with great relevance to the Communications Department included best practices for internal communications, how to properly leverage video content for social media, and how to build a crisis communications plan for positive case confirmations.

Attending the MVCAC Annual Conference offered a wealth of valuable information and provided strong networking opportunities with other agencies across California that will be beneficial to the District's communications plans this year. I am thankful that I was able to attend the conference.

Date: January 29, 2024

Signed: *Miquel Jacobs*

Print Name: Miquel Jacobs



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Amber Semrow, Director of Scientific Technical Services

Name of Conference/Event: Mosquito and Vector Control Association of California Annual Conference

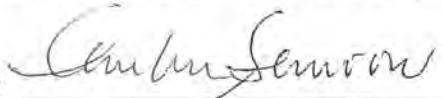
Date: January 21-24, 2024

Location: Portola Hotel in Monterey, California

This year's Mosquito and Vector Control Association of California's Annual Conference had many valuable highlights and take-away learnings/insights for me. The featured plenary speaker historian, Dr. Gordon Patterson, Florida Tech University, gave us an inspiring message through the stories of California mosquito control's founding figures and famed author of *Silent Spring*, environmental advocate, Rachel Carson. In the Natural Lands Symposium, I learned about various pesticide application trials, source reduction strategies, and emerging tick-borne diseases. The 3-D Printing Symposium featured innovative uses and applications of the technology to create novel traps, sampling devices, and there was discussion of the free platforms to acquire or create designs.

The District Preparedness and Planning Symposium talks highlighted conventional mosquito control strategies, tools, novel suppression methods in development (like Sterile Insect Technique), and emergency readiness collaborations. The most impactful part of the program was the Local Transmission of Dengue Panel, where the City of Pasadena and the City of Long Beach representatives along with the local mosquito control programs discussed cases of local dengue transmission that occurred in each jurisdiction in 2023. Lessons learned from these case studies presented will help us become better prepared for a likely local transmission event in Orange County in the future. Networking with our colleagues from across the state often leads to new collaborations and opportunities for the District to advance and improve our programs and services.

Date: 1/31/2024

Signed: 

Print Name: Amber Semrow



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Laura Krueger, Vector Ecologist

Name of Conference/Event: MVCAC Annual Meeting


Date: January 21-24, 2024

Location: Monterey, CA

The MVCAC theme this year "Vector Control in a Modern World" highlighted the changing nature of mosquito control and the innovative solutions available to public health professionals battling the most dangerous animals in the world: mosquitoes. The plenary session included the past and the future of mosquito control in California and Africa. Dr Wakoli Wekesa provided an educational and enlightening talk on malaria control in Africa and the Districts in MVCAC that partner with the Pan African Mosquito Control Association to provide support and technical advice on larval mosquito control to local African malaria control programs. I hope that OCMVCD will someday partner with global mosquito control programs to advance control initiatives. The poster session luncheon featured really interesting research conducted by MVCDs such as the impact of aromatic plants on BG-Sentinel trap efficacy, collaborating with cities to manage stormwater sources, yellow jacket distribution, and sewer baiting for rat control. I enjoyed Mike Dubose's presentation in the Natural Lands symposium on the Vector Management Program. I attended the Vector Control in an Urban Landscape Symposium where Bob Cummings and Eric Paquette presented research on mosquito traps and the District's out-of-service swimming pool program. I presented Tyler Mehrbrodt's research on the efficacy of red imported fire ant bait application rates used by District staff in Orange County. One of the highlights of the conference was the "Response to Dengue" panel discussion provided by the public health jurisdictions that responded to local dengue transmission in Los Angeles County in 2023. The take away from the symposium was that local transmission of dengue fever in California will continue in the future and MVCDs need to respond proactively to protect public health.

Date: January 26, 2024

Dept Mgr Signature: 

Signed: 

Print Name: Laura Krueger



Orange County Mosquito and Vector Control District

A Public Health Agency Serving Orange County Since 1947

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Daisy Flores Rangel, Ph.D., Microbiologist

Name of Conference/Event: Mosquito and Vector Control Association of California

Date: January 21-24, 2024

Location: Monterey, California

I am grateful to have had the opportunity to attend the MVCAC conference this year as it was a great learning experience for me. In addition to moral support for the presenters of our District that included a vector management plan talk given by Michael Dubose, an evaluation of the use of Altosid XR briquets study given by Eric Paquette, a modified surveillance trap talk given by Bob Cummings, an efficacy talk of Amdro on red imported fire ants given by Laura Krueger, a SIT joint venture between Orange and Los Angeles counties talk by Amber Semrow, and fitness assessment study of *Aedes aegypti* talk given by Chloe Wang, I attended many more talks where I expanded my understanding of many issues that affect the mosquito and vector control world. I learned new technological methods involving the use of 3D printing, effective vector management of a diverse species such as mosquitoes, ticks, flies, and fleas, but as well as enhanced preparedness for the emerging threats of Dengue and improved management of the ongoing *Aedes* species of mosquitoes that continue to be a problem not just for Orange County but to counties all over California.

There was an informative session on managing mosquitoes in agricultural systems and impounded waters that talked about insecticide resistance while considering climate change and the environment. The information I gathered from the Dengue panel about the response of the cities of San Gabriel, Long Beach, and Pasadena upon finding the first cases of non-travel local Dengue transmission will be invaluable for when it happens in our county of Orange. The poster session was also a great learning opportunity as well as a time to meet and talk to other colleagues from other Districts to make connections that can be useful for the future when collaborations are required. Poster topics involved a wide array of subjects such as the trapping efforts of *Aedes aegypti*, nest distributions of yellowjackets, Norway rat activities, effects of temperature on Wolbachia during *Culex pipiens* development, and best practices for urban mosquito management, to name a few. This knowledge will increase my understanding of areas of the vector world I was not previously aware of and will be useful for when interested parties or members of the public ask me, I can properly respond to their questions and concerns regarding these topics.

There were barcoding talks of great importance that related more to the work that I do in the microbiology laboratory. Most importantly, I was able to make new connections with people that do this work in case I have questions when implementing this work in our District.

I was also grateful to attend the MVCAC conference as I was able to meet with more Young Professionals (YP) at the conference since I helped manned the YP booth during the conference. Our District's support of the YP's will be invaluable as they are the next generation of mosquito and vector control professionals.

Overall, attending the MVCAC conference was a great benefit to me as I increased my knowledge on a lot of different topics related to the vector world and I look forward to bringing a lot of the knowledge back to the implemented at our OCMVC District.

Date: January 29, 2024

Dept Mgr Signature: 

Signed: 

Print Name: Daisy Flores Rangel



Orange County Mosquito and Vector Control District

A Public Health Agency Serving Orange County Since 1947

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Sokanary Sun, Vector Ecologist

Name of Conference/Event: MVCAC 2024

Date: January 21-24, 2024

Location: Portola Hotel and Spa, Monterey, CA

This is my 7th consecutive year attending the MVCAC conference. I applaud all the presenters representing our District this year: Michael Dubose, Dr. Xiaoming "Chloe" Wang, Laura Krueger (in place of Tyler Mehrbrodt), Eric Paquette, Bob Cummings, and Amber Semrow (Director of Scientific Technical Services).

My favorite plenary session speaker from Day 1 is Dr. Scott Smith, a retired medical doctor who served as Chief of Infectious Disease and Geographic Medicine at Kaiser Redwood City. Vector control conference attendees are used to seeing presentations about vectors and diseases. Dr. Smith focused on the human patients and their symptoms to allow the audience to follow along and diagnose what disease is causing the symptoms, putting faces to human cases.

The 3D Printing symposium in the afternoon was incredibly fascinating. I was in awe at the creative minds at work and their use of technology, which is becoming more affordable, and arguably, more necessary. Besides the initial investment such as funds, learning curve, and time, every speaker emphasized the return on investment from 3D printing. It allowed teams to fabricate items for use in their programs at a fraction of the original cost purchased from a manufacturer. For example, Dr. Shaoming Huang from San Joaquin County Mosquito and Vector Control District printed a "Vector Surveillance Trap" (VST, patent pending) for use in catching host-seeking mosquitoes. Now that the entomological supplier, BioQuip, is no longer in business, 3D printing traps or trap modifications for use in mosquito and vector control programs is essential to continue vector and disease surveillance. 3D printing can also be used to make everyday items such as plugs, door handles, mounts, and clips, as demonstrated by Mark Nakata, a Biologist from the Delta Mosquito and Vector Control District.

In the morning session of Day 2, I spent most of my time in the "District Preparedness and Planning" symposium. From this symposium, Amber Semrow's presentation summarized the progress of year two of the Sterile Insect Technique (SIT) Pilot project. Following Amber's

presentation was a presentation by Dr. Chloe Wang. Of the many preliminary studies conducted, Dr. Wang summarized three from the SIT Pilot project: baseline semi-field survivorship, chilling only, and chilling plus compaction effects on wild strain and combination strain *Aedes aegypti*.

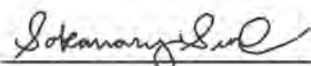
The last session of Tuesday afternoon was compelling. The symposium was focused on local transmission of dengue with a panel and discussion. It was great to see presentations and discussions about the two local Dengue transmissions in Los Angeles County (Pasadena and Long Beach) towards the end of 2023. It was enlightening to see the outline and timeline of how the vector control agencies and public health agencies responded. Now that local dengue, and likely other invasive *Aedes* diseases, can be transmitted locally, both agencies listed some lessons learned and how they can improve for the future. For example, both agencies agree that agency action should take place if a suspect local dengue case is reported, and done so before confirmation. This is because it can take as long as 3 weeks for the case to be confirmed. By that time, that's almost a month of wasted time if no effort or response has been made, allowing for a potential dengue outbreak to continue to spread. Our District could draw from what was learned from the San Gabriel Valley Mosquito and Vector Control District, the Pasadena Health Department, the Greater Los Angeles County Mosquito and Vector Control District, and the Long Beach Health and Human Services.

Date: 1/25/24

Dept Mgr Signature:



Signed:



Print Name: Sokanary Sun



Orange County Mosquito and Vector Control District

A Public Health Agency Serving Orange County Since 1947

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Eric Paquette – Assistant Biologist

Name of Conference/Event: MVCAC 2024

Date: January 21 – 24, 2024

Location: Monterey, CA

In 2024, I not only had the opportunity to attend the 92nd Annual MVCAC Conference in Monterey, but I also had the opportunity to present on a pesticide efficacy assessment that the laboratory, operations supervisors, and field staff conducted during the 2023 summer season. This was my very first conference presentation, and the evaluation examined neglected pools in Orange County that had been treated with a long-acting residual pesticide, Altosid XR Briquets, which have 150-day residual. Based on our assessment, we determined that the efficacy of Altosid XR Briquets in neglected swimming pools was inconsistent, and the recommendation for Operations Field Staff was to discontinue its' use in large sources with more than 100 gallons of water. Based on studies conducted by the District in 2021, Altosid XR Briquets were still effective in sources with less than 100 gallons of water, i.e., catch basins.

During the morning plenary session on Monday, January 22nd, I really enjoyed the talk "The Mosquito Crusades" presented by Dr. Godon Patterson. During Dr. Patterson's presentation, I was able to learn about how the history of mosquito abatement in California began and three key people that stood out when looking at the history of mosquito control efforts: William B. Herms, William C. Reeves, and Rachel Carson. The contributions of William B. Herms permitted local governments to collect revenue and form special districts to help protect and prevent vector-borne disease through the Mosquito Abatement Act; this act was crucial for the future formation of OCMVCD. William C. Reeves contributed to the ways we study mosquitoes and conduct mosquito surveillance, such as using CO₂ to attract mosquitoes, sentinel chickens for mosquito-borne disease surveillance, and tracking mosquitoes using fluorescent dust, which our SIT team is using for their various studies. Rachel Carson authored the book "Silent Spring" and asked for less harmful methods of chemical pesticide applications; this resonates with the District's mission of preventing vector-borne diseases in an environmentally responsible manner.

During the 2024 MVCAC Conference, there were two standalone symposia scheduled for the late afternoon: Monday was "3D Printing," and Tuesday was the "Local Transmission of Dengue" panel discussion. These are two important topics for different reasons. 3D printing is a rapidly changing technology that first started in the 1980s. With 3D printing, vector control districts will have the ability to print tools on demand for mosquito control and surveillance. It also enables district collaboration by allowing you to share files created in-house with other districts so they can print and duplicate useful tools for their programs. It's possible that some of the parts we use on our mosquito surveillance traps are no longer available, but you can still make duplicates of them with a 3D printer.

The "Local Transmission of Dengue" symposium was well attended since this has been a worry for many districts over the past few years. In 2023, our District received the most travel-related dengue cases to date during a single season. Worldwide, there were more than 5 million dengue cases in 2023, more than any year over the past five years. This symposium was helpful in learning about the response the Greater LA County Vector Control District took to address the local transmission of dengue and how they collaborated with two of the three city-run health departments in California, Long Beach and Pasadena. This was an informative way to see what worked and did not work when it came to responding to a local dengue transmission and some of the costs associated with their response. The Q&A session with the panel of presenters was also a nice touch as it allowed for additional engagement in a topic many were interested in.

On Tuesday, January 23rd, I attended the Vector Control in an Urban Landscape session as I was presenting in the first part of this symposium. Some of the talks during this session focused on the exclusion of mosquitoes from backyard drains, a comparative analysis of two mosquito surveillance traps (CO2 vs. BG), a larvicide efficacy monitoring program, and the field evaluation of an inexpensive mosquito trap. The talks, that focused on mosquito surveillance traps, were interesting as they highlighted the fact that the BG-Sentinel trap continues to be the gold standard for *Aedes aegypti* surveillance, but an inexpensive trap produced in-house by Robert Cummings was effective at capturing *Ae. aegypti* males. This could be useful for surveillance in programs focusing on sterile insect techniques that use sterilized male mosquitoes to mate with wild-type female mosquitoes. I found the larvicide monitoring program talk to also be interesting, because it looked at Altosid XR Briquets and found the product failed 5 weeks after application, a much shorter duration than what is listed on the product label.

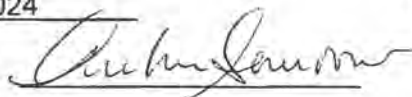
The MVCAC conferences are always a pleasure to attend, as there is so much that other mosquito control districts are working on, and it provides us with the opportunity to learn, connect, and collaborate. I look forward to attending future MVCAC conferences, and I feel more compelled to work on additional projects and presentations after being able to contribute to the conference by sharing the work I conducted during the 2023 season.

Date: 1/30/2024

Signed: _____



Dept Mgr Signature: _____



Print Name: _____

Eric Paquette



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Kiet Nguyen, Vector Ecologist

Name of Conference/Event: Mosquito and Vector Control Association of California

Date: January 22 to January 23, 2024

Location: Monterey Conference Center, Monterey, California

The annual MVCAC Conference was held in Monterey this year. The multiday conference was enriched with a comprehensive collection of presentations, ranging from a new emerging 3D printing symposium to prominent uses of "Unmanned Aircraft Systems" (UAS) methods. The conference was highlighted with many networking opportunities from academia, industry leaders, and with other fellow mosquito control agencies, nationwide.

Monday's Plenary Session was highlighted by several impactful keynote speakers. Dr. Scott Smith from Redwood City, California gave a comprehensive talk on investigations of unknown infectious disease cases which arrived at his hospital, over the years. Dr. Smith emphasized the importance of vector control and our role in the prevention of these deadly infectious diseases.

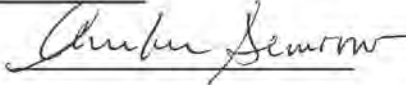
The 3D printing symposium was moderated by Mark Nakata who was our former laboratory intern. He currently works with Delta MVCD as their Biologist. The symposium consisted of talks highlighting the many uses of 3D printers for mosquito surveillance needs. These printed parts are essential to trap maintenance and engineering new mechanisms. For example, Shaoming Huan from San Joaquin County MVCD introduced their new "Vector Surveillance Trap, (VST)", which was completely 3D printed. These speakers emphasized the importance of 3D printing as a tool for innovation and trap maintenance. Our surveillance strategies lack industrial tooling support, therefore the need of rapid inhouse development of tools and mechanisms is key to the success of any surveillance program.

The Unmanned Aircraft Systems (UAS) symposium was another great opportunity to learn how other districts are utilizing drones in their everyday workflows. Drone programs are essential to IPM practices like imaging, mapping, and applying pesticides. Richard Ortiz of Coachella Valley MVC talked about their new PV35x (Leading Edge Aerial systems) application drone and

their need for support systems and vehicles. They purchased an enclosed trailer with charging and support systems to help aid in long treatment days. These types of innovative ideas can help us elevate our drone program to the next level as well.

Date: 1/31/2024

Signed: 

Dept Mgr Signature: 

Print Name: Kiet Nguyen



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Steve Shepherd, Director of Operations

Name of Conference/Event: MVCAC Annual Meeting

Date: January 22 & 23, 2024

Location: Monterey, CA

We have just returned from the MVCAC Annual Conference, and this was the best I've attended so far. The keynote speakers were entertaining, educational, and inspired actions. My favorite was a keynote talk from Mike Watson from the company Video Approach. His methods to get people engaged with social media posts gave me several ideas to help solve common issues our technicians see in the field and help our efforts with the vector reduction program. This talk, combined with some shorter project overviews covering studies on screening yard drains and the impact that had on *Aedes aegypti* populations is something we can implement quickly.

Many of our District staff presented their work and research findings that were conducted in the past year. The team put in the work to prepare and performed admirably, representing the District well. There were several presentations from field technicians from other Districts this year, which is typically a rarity. I will encourage our field staff to consider presenting next year on the field trials and other examples of work being done at our District can help all Districts improve their services to their respective communities.

The final symposium covered the local Dengue transmission cases in Pasadena and Long Beach. The team from the San Gabriel Vector Control District also discussed the timeline of events and the work done to prevent more dengue cases after they were first notified which will be very useful to our District, and all others in the region, as we continue to battle the invasive *Aedes aegypti* mosquitoes in the years to come.

Date: 1/25/2024

Signed: Steve Shepherd

Print Name: Steve Shepherd



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Jerry Sims, Operations Supervisor

Name of Conference/Event: MVCAC 2024

Date: 01/22/24 to 01/24/24

Location: Monterey, CA

Of particular interest was the thorough response overview of 2023 local Dengue transmissions in the cities of Pasadena and Long Beach. The core panelists included Jason Farned (San Gabriel Valley MVCD), Judeth Lagrimas Luong (Long Beach Health and Human Services) and Matt Feaster (Pasadena Public Health Department). With the first California detections of *Aedes aegypti* mosquitoes in 2013 and their rapid colonization of urban areas since, the threat of exotic arbovirus local transmission has grown exponentially. Mosquito abatement districts in Southern California regularly receive notifications from their local public health officials of residents who have returned from travelling abroad suffering from mosquito-borne illnesses such as Dengue, Zika virus and chikungunya. If the person arrives home locally still in the viremic period of the illness, *Aeges aegypti* mosquitoes are capable of biting the viremic person, becoming infected and spreading the disease to another local person.

On October 22, 2023 (Pasadena) and November 1, 2023 (Long Beach) just such a scenario occurred. Both cities received reports of patients with no travel history who presented to care providers with symptoms and elevated antibodies (IgM) for Dengue. In response, San Gabriel Valley MVCD, in conjunction with Pasadena Public Health, mounted a robust surveillance and suppression effort involving enhanced case investigations (door-to-door investigations, identifying other potentially ill persons, serum sample analysis), active surveillance and outreach to local care providers (assigned liaison to local hospitals), suppression of local *Aedes aegypti* populations through large area ULV and larvicide applications and community-wide PR and risk messaging.

Long Beach maintains their own vector control program as a component of their Environmental Health Department. Assisted by Greater Los Angeles VCD, inspectors targeted approximately 60 homes adjacent to the patient index property. All previously known mosquito-breeding sources in the area were inspected as well as door-to-door property inspections, hand-held adulticide treatments and community outreach and education. Truck-mounted adulticide

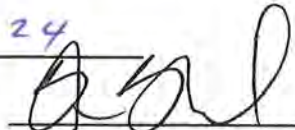
applications occurred but were somewhat delayed by internal discussions by city officials.


Lessons learned from the 2 cases applicable to potential local transmission in Orange County include developing population thresholds for Aedes-borne disease transmission and immediately obtaining access warrants for all properties in the control area to facilitate Aedes suppression at the highest level possible. Local-transmission events also consume considerable agency resources, potentially resulting in a cost to "regular work" including West Nile Virus surveillance and suppression. All panelist agreed that it is essential to have plans in place to address both single location and multiple location local transmission scenarios.

Although potential local transmissions certainly exist in Orange County, novel approaches to *Aedes aegypti* control, such as sterile insect techniques (SIT) currently undergoing trials as a joint pilot project by OCMVCD and GLAVCD may offer an efficient path forward in control strategy.

I also appreciated the presentations which focused on engaging a diverse population in terms of education and outreach. With the amount of information cycling through various available media sources, presenting public health and risk management information to local communities presents a daunting challenge. Effective strategies include school mosquito science programs targeting K-8 students, developing a dynamic visual language and video content and "knowing your audience" in terms of social media messaging.

David Lopez (Greater Los Angeles VCD) reminded the field staff in the audience of the crucial role in maintaining strong relationships with community residents. With the amount of "noise" in media competing with important public health messaging, the simple engagement of residents in a respectful and helpful manner is most valuable in illustrating the message that controlling vectors is a shared responsibility between abatement districts and the general public.

Date: 1-30-24
Dept Mgr Signature: 

Signed: 
Print Name: Jerry Sims



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Matt Eseltine, Vector Control Inspector III

Name of Conference/Event: MVCAC 92nd Annual Conference

Date: January 21-24, 2024

Location: Monterey, CA

First, I would like to extend my thanks to Lora and Steve for agreeing to my attendance at the conference.

My general thoughts on the conference are as follows: It was well-organized. The venue was extremely convenient as the hotel was attached to the conference hall. This was especially helpful given the weather on Monday. The conference program was clearly laid out which gave attendees the opportunity to attend specific talks between halls. It was beneficial to have a general theme for talks in each hall for each day. Breaks were well timed and welcome; I truly believe it is too much to ask attendees to sit for three hours at a time before breaks, this was not the case this year and it was appreciated. Also, the 90-minute lunch breaks are great as it was enough time to gather a group, walk to lunch and back before the next session.

What I learned at the conference:

During the plenary session on Monday I learned some of the history of Mosquito research and control in California. William Herms moved to California to become part of the effort to study mosquitos and assist in their control. Herms started in Berkley and was told to study salt marsh mosquitoes. Herms was not warmly welcomed by local realtors as his work identified a major problem in areas that they wanted to sell to developers. Herms findings threatened property values in the areas surrounding salt marshes.

Bill Reeves worked under Herms. Reeves discovered the correlation between oxygen depletion and instar transitions. In 1945, Reeves received \$400,000 from the state legislature for the purpose of mosquito control.

Rachel Carson worked at Woods Hole Institute where she received her Masters degree. She worked for the Baltimore Sun. She was also the Director of publications at the Cal Dept of Fish and Wildlife.

She wrote "Silent Spring" which was a watershed book pointing out the dangers of certain pesticides and their overuse.

Wakole Wakesa gave a talk about control of mosquitos and Malaria in Africa.

Malaria is controlled at the disease level in Africa as opposed to western countries who control Malaria, primarily, at the mosquito level. Therefore, rather than using abatement to prevent mosquitos from biting, they must chase after the disease when it has already infected victims. 95% of Malaria is in Africa, Nigeria has 28.8% of all cases in the world.

There is no single approach to control mosquitos, each area must understand what their mosquitoes are to know what approach to take for control.

The US has been a major partner in helping to develop mosquito control programs in Africa.

The next speaker was a physician who spoke about various patients that came to his clinic with different diseases, such as Dengue, Malaria, Leptospirosis, and how he diagnosed them. For example, a drop in platelet counts is a key indicator of Dengue.

The greater Los Angeles Vector Control District has a Black Fly program. The LA river is a prime source for Black Flies in Los Angeles. Black Flies have the ability to vector the filarial worm which causes River Blindness. River Blindness is not usually found in the Americas other than parts of South America.

Michael Dubose gave a talk about the Districts Vector Management Program. There are three primary steps involved in the Vector Management Plan, identify significant sources, contact the stake holder and negotiate a Vector Management Plan.

If, after negotiating with a stake holder, the problem is not corrected, then enforcement may be necessary. Enforcement can include fines but usually involves charging the stakeholder for any work done on the site to correct the problem and or mitigate breeding on site.

The Vector Management Program has been very successful in getting significant sources in the county corrected, saving the District time and money.

Abraham Valasquez from Madera County gave a talk about excluding *Aedes aegypti* from all lawn drains in a new development in Madera. All drains were modified with aquarium/pond filter mesh. There was a significant reduction in adult abundance following the modifications. However, other cryptic sources still exist and contribute to a continuing problem.

Whitney Clack from Sac-Yolo gave a talk about the effectiveness of BG Sentinel traps with or without CO2 luring. If I remember correctly, the BG Traps always worked better if accompanied by CO2 as opposed to just the pheromone mimic bait. In fact, I believe she indicated that a bg sentinel is as effective with just CO2 as bait as with pheromone lure. As such, a District could save money by using CO2 as a lure and foregoing the expensive pheromone lure.

Bob Cummings talked about his inexpensive mosquito traps. His new traps are cheaper, more convenient and modular. There was no significant difference between his traps and those sold by manufacturers. Districts can easily purchase the materials and assemble their own traps, at a significant cost saving over the pre-manufactured traps.

Of course, the "most important" talk at MVCAC was the one given by Laura Krueger, regarding RIFA. A study was conducted and completed by District staff to evaluate the efficacy of certain RIFA control products dispensed at 1lb per acre and 1.5 lbs. per acre. In the study it was

discovered that 1.5 lbs. per acre is more effective than 1 lb. It is recommended that the District continue to dispense all of the available control products at 1.5 lbs. per acre.

Amber Semrow gave a talk on our ongoing SIT program, now in it's second year.

Chloe Xiaoming gave spoke about male mosquito fitness for SIT release. There are specific steps to be undertaken to prepare male mosquitos for release. Certain temperatures are used, certain types of compaction are utilized etc.

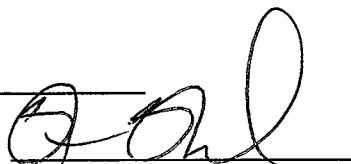
Anrea Lund from VDBS CDPH spoke about climate change and the effect of atmospheric rivers on the central valley of California. Multiple atmospheric rivers in 2023 brought significant rainfall and flooding to the central valley. This flooding became an issue during the season as breeding was higher than normal.

Michael Cavanaugh from Kings County MAD discussed control efforts following a 300% increase in snow fall from the historical average. A massive ariel control program was quickly developed to handle breeding in areas flooded during the snow melt of 2023. The local lake was inundated and overflowing into historically dry areas.

Attending conferences such as MVCAC are a valuable learning tool. Not just in the acquiring of knowledge from presentations but also from the relationships that are built with people from other Districts. Having input from a broad selection of people who do the same thing as you in different regions can pay dividends later if you need to bounce ideas off that person. I have found myself, on more than a few occasions, calling out to people I have met at conferences to discuss ideas and concepts. If you have been fortunate, as I have, to attend several of these events, you will see these same people again and again, having an opportunity to refresh that professional collaboration. Stories are told, experiences shared, advice given and taken. As a supervisor, I feel this interaction with others in the vector control world is vital to staying fresh and open minded.

Date: 01/25/2024

Dept Mgr Signature:



Signed:



Print Name:

Matt Eseltine



Orange County Mosquito and Vector Control District

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Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: Vector Reduction Coordinator Michael DuBose

Name of Conference/Event: 92nd Annual MVCAC Conference

Date: January 21 – 24, 2024

Location: Monterey, California

The 92nd Annual MVCAC Conference theme was titled *Vector Control in the Modern World*. The conference featured plenary speakers, vector control presentations, exhibitors, and sponsors. The MVCAC's President Conlin Reis welcomed attendees on Sunday, January 21. The deputy director provided a practice session that evening, and I utilized the opportunity to practice my presentation on the Vector Reduction Program.

On Monday, January 22, the MVCAC plenary session included multiple speakers. Former MVCAC President Wakoli Wakesa recognized committee chairs and presented on malaria in Africa. Mr. Wakesa emphasized that the lack of preventative measures such as window screens continues to exacerbate malaria in endemic regions. Basic building code compliance is needed to protect residents and prevent malaria. Professor Gordon Patterson presented on the history of mosquito control in California. Two individuals who contributed to the early development of mosquito control in California were William Reeves and William Herms.

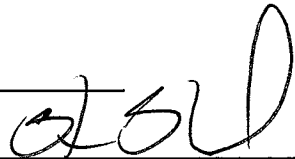
The OCMVCD provided me with an opportunity to speak at the MVCAC. The name of the presentation was *Vector Management Plans: Achieving results through collaboration*. This talk was part of the Natural Lands Symposia. The presentation outlined a summary that described the success of the Vector Reduction Program. In 2023, OCMVCD collaborated with landowners and land managers at 43 sites identified as Significant Vector Sources to reduce or resolve vector-related problems.

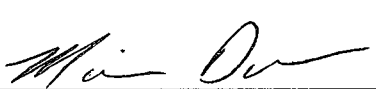
On Tuesday, January 23, Madera County MVCD's Abraham Velazquez presented on *Aedes aegypti*. The presentation was titled *Exclusion of Ae. aegypti from Yard Drains Reduces Adult Abundance in Madera, California*. Mr. Velazquez outlined the results of a 10-week study involving 492 landscape drains that surrounded 90 residential properties. Operations staff capped the yard drains and excluded mosquitoes from entering the drainage system. Laboratory staff utilized 45 BG-Sentinel adult mosquito traps to measure mosquito abundance before and after the drains were capped off. The result of the study yielded a 34.6% decrease in adult *Ae. aegypti* abundance.

OCMVCD staff presented on various vector control topics. Director of Scientific Technical Services Amber Semrow outlined the Sterile Insect Technique (SIT) joint pilot project for *Aedes aegypti* with GLACVCD. Director Semrow provided a summary and timeline of events regarding the rearing, separating, housing, chilling, compacting, and irradiating of male *Ae. aegypti*; the knowledge, attitudes, and practices (KAP) surveys; and the mark-release-recapture (MRR) trials. OCMVCD's Chloe Wang presented a fitness study on the male *Aedes aegypti* utilized for the SIT joint pilot project. The objectives of the study compared the survivorship and wing length of *Ae. aegypti* strains in Orange County and Los Angeles. Vector Ecologist Laura Kreuger presented an efficacy study on pesticides used for the control of Red Imported Fire Ants (RIFA). The study compared chemical application rates of 1 pound per acre versus 1.5 pounds per acre. The result of the study showed that the higher application rate was more effective in controlling RIFA. Biologist Eric Paquette presented a field evaluation of methoprene for neglected swimming pools. The evaluation demonstrated that 10 of 19 swimming pools did not reach the 90% efficacy threshold needed to establish control of mosquitoes. The recommendations from the study were to discontinue the use of Altosid briquettes in neglected pools and continue their use in water sources with 100 gallons or less. OCMVCD's Robert Cummings presented a field evaluation of inexpensive mosquito traps for *Aedes* and *Culex* mosquitoes. The trap was composed of a bucket, computer fan, net, and lure. The components were positioned inside the bucket to improve the catch rate of mosquitoes. The bucket trap proved to effectively trap *Ae. aegypti*, and the catch rate of mosquitoes increased 3 to 8 times with the addition of CO₂.

MVCAC held a panel discussion on the locally transmitted cases of dengue virus in California. Public health officials from CDPH, Pasadena, and Long Beach joined vector control staff from GLACVCD and SGVMVCD. Staff from these public agencies described their enhanced response efforts to collaborate and control *Aedes* mosquitoes in the fall of 2023. Public outreach, monitoring, and ultra-low volume (ULV) mosquito control were prioritized and expedited within the high-risk areas for local transmission of the dengue virus.

Lastly, the MVCAC conference provided the opportunity to attend other presentations and exhibits that included topics on evaluating mosquito control programs, preparing for *Aedes*-borne diseases, controlling mosquitoes with manned and unmanned aircraft systems (UAS), managing mosquitoes in wetlands, finding cryptic mosquito sources, managing black flies, controlling fleas, surveilling for ticks, engaging the public through social media, understanding clinical cases of vector-borne diseases, managing district and vector control funds, and training in public health entomology.

Date: 1/31/24
Dept Mgr Signature: 

Signed: 
Print Name: Michael DuBose



Orange County Mosquito and Vector Control District

A Public Health Agency Serving Orange County Since 1947

Conference and Meeting Report

Staff of the Orange County Mosquito and Vector Control District and its Board of Directors attend a variety of educational seminars, conferences and symposia annually. This report provides a brief summary of the event attended, and the organizational value of that attendance to the District.

Staff Name and Title: JOHN DRAKE IVM

Name of Conference/Event: MVCAC

Date: JANUARY 21-24, 2024

Location: MONTEREY, CA

Contra Costa County did a field trial of Natular G30 applied by drone over salt water tidal marshes. In areas of water depth from 0 – 10 inches they got 100% control at 7 pounds per acre against *Aedes dorsalis*. We can try using G30 from our drone in some of the shallow depth marsh areas.

Coachella Valley presented on finding cryptic sources for *Aedes* mosquitoes in yards. The typical sources: fountains, yard drains, pools are easy to spot. The hard-to-find sources are small holes in fence posts, inside the hollow areas of yard furniture, pump housing of fountains and other ornamental water features, children's toys left in the yard, tree holes... Technicians and seasonal field staff need to be trained and to slow down their inspections and look at everything.

Kern county presented on WALs study using Vectobac WDG. Their study used 4 ozs. per acre for 4 consecutive weeks then 2 treatments biweekly for 6 total treatments. They noticed a significant reduction in *aedes aegypti*. We do WALs here and using it could help reduce the spread of mosquito disease in cases of travel related or a local transmission.

SAC-YOLO presented catch basin larvicide efficacy. Their study was to find out how each residual larvicide worked in the catch basins. Their results showed the Altosid XR's and Duplex G did not meet their 70% reduction rate. Altosid WSP met the 70% but just met it. Sumilarv had 100% at 98 days. Sumilarv is the most effective at control but need to be cautious in overuse to avoid resistance in local mosquito populations.


Coachella Vally presented on Aerial and ground larviciding using Vectobac WDG. The rate was 4 ozs. per acre. Their study was trying to determine the difference between obstructed and unobstructed breeding sources using aerial treatment methods. Their conclusion was that there was no difference if the source was obstructed or unobstructed. The larvicide material reached all sources. They placed cups under obstructions and out in the open before treatments. Brought the cups back to the district and introduced larvae immediately and weeks later. No difference in control between the immediate larvae introduction and the delayed introduction.


Sutter-Yuba MVCD present on ReMoa Tri against rice field mosquitoes. ReMoa Tri is a new

novel insecticide with the first new Mode of Action against mosquitoes in 50 years. They had nearly 100% kill at 200 yards. Very promising new adulticide when it becomes available for use in CA.

There were 3 presentations on insecticide resistance in California local mosquitoes. The results showed that constant monitoring and testing is necessary at the local level for pesticide resistance. Rotate products when available and use physical or environmental controls instead of pesticides.

Date: 1/31/2024

Dept Mgr Signature: 

Signed: 

Print Name: John Drake

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"Materials related to an item on the Agenda submitted after distribution of the agenda packet are available for public inspection in the District Office located at Orange County Mosquito and Vector Control District offices, 13001 Garden Grove Blvd., Garden Grove, CA 92843 during normal business hours."