

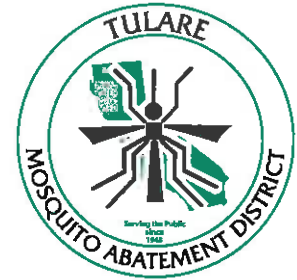
**BOARD OF TRUSTEES**

**Pat Nunes**  
City of Tulare  
**Robert Uchita**  
County of Tulare  
**Robert Clark**  
County of Tulare  
**Stan Creelman**  
County of Tulare  
**Charlie Pitigliano**  
County of Tulare  
**Charles Mayer**  
City of Visalia

**TULARE MOSQUITO ABATEMENT DISTRICT**

District Headquarters: Mefford Field - Tulare  
6575 Dale Fry Rd Tulare, CA 93274  
PH (559) 686-6628 FAX (559) 686-2013  
Email: TulareMosquito@gmail.com  
[www.tularemosquito.com](http://www.tularemosquito.com)

**GENERAL MANAGER**  
**John Avila**



The Tulare Mosquito Abatement District Board of Trustees regular Meeting will be held on Tuesday, August 11th at 1:00 p.m. at the District office located at Mefford Field 6575 Dale Fry Rd, Tulare CA.

**Agenda**

1. **Citizen Comments:** At this time the Board of Trustees will take input from citizens on items they wish to address that are within the Board's jurisdiction. However the Board cannot legally discuss or take action at this meeting on comments received.
2. **Review Minutes of the July 14th, 2020 Board of Trustee Meeting**
3. **Payment of Check Numbers 6270 - 6307**  
Electronic Fund Transfers (EFTPS) from Union Bank to the IRS and EDD for Social Security, Medicare, Federal and State Tax Payments. E Debit payments from the District's Union Bank account. Claim number 21917 Transfer of Funds from Tulare County Fund #778 to the District's Union Bank Account # \*\*\*\*\*4408.
4. **Final County Revenue totals for FY 19/20 and Balance Forward**
5. **CalPERS Health Rates for 2021**
6. **Unfunded Accrued Liability for FY 20/21**
7. **Tulare County "Virtual" Fair 2020**
8. **July 15th meeting with City officials on homeless proposal for Elk Bayou Park**
9. **District Activity to date**
10. **Manager's Report**
  - a. **Policy Manual Update**
  - b. **Manager's procedure and progress**
  - c. **Beyond Pesticides Group**
  - d.
11. **Meeting Adjourned.**

## Agenda Item #2

**MINUTES OF THE MEETING OF THE BOARD OF TRUSTEES OF THE TULARE MOSQUITO ABATEMENT DISTRICT, HELD AT THE OFFICES OF THE DISTRICT, MEFFORD FIELD, TULARE, CALIFORNIA ON THE 14<sup>th</sup> DAY OF JULY 2020, AT THE HOUR OF 1:00 P.M. OF SAID DAY**

Present at the meeting called at 1:00 p.m. at the place above designated were: Charlie Pitigliano, presiding, Robert Clark, Robert Uchita, Stan Creelman and Chuck Mayer. Pat Nunes was absent. Also present at the Board Meeting were John Avila, District Manager, and Chad M. Lew, counsel for the District.

**Agenda Item No. 1:** Citizen Comments.

Charlie Pitigliano opened the floor to citizen comments, but there were no comments from the public.

**Agenda Item No. 2:** Review Minutes of June 9, 2020 Board of Trustee Meeting.

The minutes of the meeting held on June 9, 2020, were presented to the board in writing and reviewed. Upon a motion made by Chuck Mayer, seconded by, Robert Uchita, and unanimously carried, the minutes of the meeting held on June 9, 2020, were approved as presented.

**Agenda Item No. 3:** Payment of Check Number 6232 - 6269, Electronic Fund Transfers (EFTPS) from Union Bank to the IRS for Social Security, Medicare and Federal Tax Payments, and Union Bank Charges and Credits. Claim Number 21917 Transfer of Funds from Tulare County Fund #778 to the District's Union Bank Account #\*\*\*\*\*4408.

The board members reviewed the District's Union Bank checking account, check numbers 6232 - 6269, the electronic fund transfers (EFTPS) for payment of Social Security, Medicare and Federal Tax Payments to the IRS, and the electronic debit payments from the District's Union Bank account. Upon a motion duly made by Robert Uchita, seconded by Robert Clark, and unanimously carried, the Union Bank checking account, check numbers 6232 - 6269, the electronic fund transfers (EFTPS) for payment of Social Security, Medicare and Federal Tax Payments to the IRS, and the electronic debit payments from the District's Union Bank checking account were approved. John advised that he did not include Claim Number 21917 in the board packet, so approval of said claim will be placed on the agenda next month for review and approval.

**Agenda Item No. 4:** Final Fiscal Year 20/21 Budget Submitted to Tulare County.

John advised the board that the District's approved budget for fiscal year 2020/2021 has been submitted to the County of Tulare.

**Agenda Item No. 5:** June 24<sup>th</sup> Meeting with Dr. Debboun, DVCD's New General Manager.

John reported to the board that he met with the new general manager of Delta Vector Control District, Dr. Debboun. John further advised that their meeting was very productive and they agreed to work cooperatively with one another in the future, which includes potential expansion of both Districts to serve the communities of Lindsay, Strathmore, Porterville, and potentially Springville. The Districts have had some preliminary discussions with SCI Consulting.

**Agenda Item No. 6:** Report on July 7<sup>th</sup> MVCAC Quarterly “Summer” Meeting.

John advised the board that he participated at the MVCAC’s Quarterly Meeting and reviewed the issues and topics covered at the meeting.

**Agenda Item No. 7:** Implementation of the Fiscal Year 19/20 Audit - Letter from Adair & Evans.

John presented to the board the Adair & Evans proposal for the District’s Audit for fiscal year 2019/2020. Upon a motion made by Chuck Mayer, seconded by Stan Creelman, and unanimously carried, the board authorized and instructed the general manager to execute the engagement letter for Adair & Evans to prepare the audit report for the District for fiscal year 2019/2020.

**Agenda Item No. 8:** Experiment in Cemetery Vases with Residual Application

John reported to the board that the District put material in all of the cemetery vases earlier this season, and the results appear to very positive. John advised the board that the material placed in the vases should last for 180 days and last throughout the season.

**Agenda Item No. 9:** District Activity to Date.

John advised that the service call requests continues to increase. Currently, to date, the District has received 275 services requests.

**Agenda Item No. 10:** Manager’s Report.

- a) Sexual Harassment Avoidance Training for Non-Supervisory Employees - John reported that all Non-Supervisory employees have taken the required sexual harassment Avoidance Training.
- b) Manager’s July 20<sup>th</sup> Procedure Update - John advised that his medical procedure is going to proceed, but expects that he will only be out approximately one week for recovery.
- c) Tulare County Fair Contract and Participation - John advised that the District is planning on participating at the 2020 Tulare County Fair and has signed the contract.
- d) CDPH Waiver of Live Units for CEU Training - John reported that as a result of Covid-19 pandemic and the need for social distancing, CDPH has waived the requirements for “live” continuing education units.

**Agenda Item No. 11:** Meeting Adjourned.

There being no further business to come before the board, upon a motion duly made by Chuck Mayer, seconded by Stan Creelman, and unanimously carried, the special meeting was adjourned at 1:36 p.m.

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SECRETARY

# Agenda Item #3

	6000 Transfer Funds from Salaries and Benefits FY 20/21 Budget	150,000.00
	7000 Transfer Funds from Services and Supplies FY 20/21 Budget	150,000.00

**Expenses 7/15/2020**

				Union
				Check #'s
				EFTPS
				E Debits
	Full Time Employees			
6001	John Avila		3,110.76	DD1152
6001	Michelle Dempsey		2,531.87	DD1153
6001	Andrew Conard		1,830.32	DD1154
6001	Armando Gonzalez		1,973.02	DD1155
6001	Quirino Valencia		1,834.36	DD1156
6001	Sherry Laskie		843.88	6270
6005	Jesse Carver		1,300.39	6271
6005	John Coleman		1,199.72	6272
6005	Rene Rodriguez		1,344.81	6273
6005	David Servi		1,307.89	6274
6005	Johnathan Summers		1,232.70	6275
6005	Quirino Valencia III		1,228.25	6276
6005	Victor Zamora		2,220.75	6277
6004	CA Emp Dev Dept	UI, ETT, SDI & PIT	1,188.24	EFTPS
6004	Choice Builders	Monthly premium for employee Dental Vision & Life Insurance	1,102.05	6278
6008	Robert Clark	Board Meeting 07/14/2020	100.00	6279
6008	Stan Creelman	Board Meeting 07/14/2020	100.00	6280
6008	Charles Mayer	Board Meeting 07/14/2020	100.00	6281
6008	Charlie Pittigliano	Board Meeting 07/14/2020	100.00	6282
6008	Robert Uchita	Board Meeting 07/14/2020	100.00	6283
6011	CalPERS (Retirement)	Unfunded Liability (Classic)	12,488.00	EFTPS
6011	CalPERS (Retirement)	Unfunded Liability (Pepra)	1,999.00	EFTPS
6011	CalPERS (Employee)	Employee Additional 457 Roth	450.00	EFTPS
6011	CalPERS (Employee)	Employee Additional deferred contribution	550.00	EFTPS
6011	CalPERS (Retirement)	PERS Retirement contribution Employer & Employees	2,683.48	EFTPS
6012	Union Bank	Federal Inc Tax, Empe, Empr Medicare & SS	6,314.64	EFTPS
6015	ICW Group	Workers Comp Premium for 2020/2021	22,384.00	6284
7001	Adapco	Teknar SC (264 GL Tote)	10,050.89	6285
7021	C.P. Phelps	Vehicle Parts	308.51	6286
7021	G.V. Burrows, Inc	Vehicle Fuel	2,056.88	6287
7021	Eddie Garcias Welding	Repair Tank Leaks - Truck #12	300.00	6288
7043	McCormick, Kabot, Jenner & Lew	Board meeting 7/14/2020	300.00	625.00 6289
		Appearance at special meeting; draft special minutes; emails to and from John Avila re special meeting	250.00	
		E-mails to and from John Avila re City of Visalia	50.00	
		E-mails to and from John Avila	25.00	
7062	City of Tulare	Land Rent	774.00	915.14 6290
7081		Water & Refuse Pickup Service	141.14	
7036	Union Bank	Direct Deposit Fee	8.75	E debit
			85,883.29	

Expenses 7/31/2020

				Union
				Check #'s
				EFTPS
				E Debits
Full Time Employees				
6001	John Avila			
6001	Michelle Dempsey		3,110.76	DD1157
6001	Andrew Conard		2,531.87	DD1158
6001	Armando Gonzalez		1,830.32	DD1159
6001	Quirino Valencia		1,973.04	DD1160
6001	Sherry Laskie		1,834.34	DD1161
6005	Jesse Carver		912.68	6291
6005	John Coleman		1,541.39	6292
6005	Emilee Fleming		1,081.45	6293
6005	Rene Rodriguez		485.27	6294
6005	David Servi		1,585.78	6295
6005	Johnathan Summers		1,551.30	6296
6005	Quirino Valencia III		24.50	6297
6005	Victor Zamora		1,464.14	6298
6004	CA Emp Dev Dept	UI, ETT, SDI & PIT	2,646.71	6299
6004	CalPERS (Health)	Monthly Health Premium	963.61	EFTPS
6004	AFLAC (Employee)	Employee Additional Health Pre-Tax	13,445.75	EFTPS
		Employee Additional Life After Tax	627.12	
		Employee Additional 457 Roth	37.60	
6011	CalPERS (Employee)	Employee Additional deferred contribution	450.00	EFTPS
6011	CalPERS (Employee)	PERS Retirement contribution Employer & Employees	550.00	EFTPS
6011	CalPERS (Retirement)	Federal Inc Tax, Empe, Empr Medicare & SS	2,697.05	EFTPS
6012	Union Bank	Screens	6,553.14	EFTPS
7001	Lowe's	GPS System monthly charge (May)	29.89	6301
7001	Verizon (Verizon Wireless Fleet)	Replace Pump in 8,000 gallon oil tank	285.00	6302
7021	Franzen-Hill Corporation	Vehicle Fuel	2,718.05	6303
7021	G.V. Burrows, Inc	Corporate Membership Dues -- 2020-2021	1,775.07	6304
7027	MVCAC		9,500.00	6305
Union Bank Charges		7/31/2020 Statement		
7081	S.C. Edison		420.45	E debit
7081	SoCalGas			
7036	Direct Deposit Fee			
7036	Union Bank - Positive Pay monthly maintenance fees			
U.S.Bank Charges & Credits		7/19/2020 Statement		
7001	Digital Deployment	Internet - June	200.00	
7001	Amazon.com	Batteries for traps	116.91	
7001	PraxAir	Dry ice for traps x 3	96.57	
7001	Yosemite Linen	Employee Uniforms/Laundry	445.50	
7001	Tractor Supply	Chicken Feed	59.93	
7001	Home Depot	Chicken Feed	7.92	
7001	Lowe's	Screens for drains	29.21	
7001	GLS	Sample Test - shipping	4.16	
7005	AT&T	Monthly Faxline	10.80	
7009	WalMart	Hand Sanitizer	44.23	
7009	WalMart	Household Misc.	10.22	
7009	CULLIGAN	Water	52.50	
7021	Home Depot	Hand Sprayer for field	32.44	
7021	Auto Zone	Parts for A1 Sprayer	55.38	
7021	CP Phelps	Parts for Water Pump #7	278.16	
7027	AMCA	Membership Renewal - John	145.00	
7036	USPS	Stamps	55.30	
7036	Clines	Support Agreement	60.00	
7036	Amazon.com	Office Supplies - Time Cards	37.88	
7036	Amazon.com	Office Supplies Misc	15.14	
7036	Amazon.com	Office Supplies Misc	41.85	
7036	UnWired	Monthly Internet	135.97	
7036	Office Depot	Office Chair - Manager	227.18	
7062	Lowe's	Flag pole quick links	14.29	
8000	Adapco	A1 Applicator	17,397.32	6307
			<b>Total</b>	<b>82,199.94</b>

# CAL CARDS - MONTHLY BILLING

Statement Date:		<b>July 19th, 2020</b>	Payable to US Bank	
Category	Company	Description	Amount	USER ID
7001	DIGITAL DEPLOYMENT	Internet - June	200.00	...2316
7001	Amazon.com	Batteries for Traps	116.91	...2316
7001	PRAXAIR	Dry Ice for Traps (x3)	96.57	...2316
7001	YOSEMITE LINEN	Employee Uniforms/Laundry	445.50	...2316
7001	Tractor Supply	Chicken Feed	59.93	...9275
7001	Home Depot	Site Guage cleaning brush	7.92	...9275
7001	Lowes	Screens for yard drains	29.21	...9275
7001	GLS	Sample Test - Shipping	4.16	...2316
7005	AT&T	Monthly Faxline	10.60	...2316
7009	WalMart	Hand Sanitizer	44.23	...2316
7009	WalMart	Household Misc	10.22	...2316
7009	CULLIGAN	Water	52.50	...2316
7021	Home Depot	Hand Sprayer for Field	32.44	...8532
7021	Auto Zone	Parts for A1 Sprayer	55.38	...8532
7021	CP Phelps	Parts for Water Pump #7	278.16	...8532
7027	AMCA	Membership Renewal - John	145.00	...2316
7036	USPS	Stamps	55.30	...2316
7036	CLINES	Support Agreement	60.00	...2316
7036	Amazon.com	Office - Time Cards	37.88	...2316
7036	Amazon.com	Office Supplies Misc	15.14	...2316
7036	Amazon.com	Office Supplies Misc	41.85	...2316
7036	UNWIRED	Monthly Internet	135.97	...2316
7036	Office Depot	Office Chair - Manager	227.18	...2316
7062	Lowes	Flag Pole quick links	14.29	...2316
Documents/CalCardBilling			<b>\$2,176.34</b>	
User ID Ledger:		Category Breakdown		
		7001	960.20	7027 145.00
John A	...2316	7005	10.60	7036 573.32
Michelle D	...9275	7009	106.95	7062 14.29
Quirino - Shop	...8532	7021	365.98	Total: 2176.34



P.O. BOX 6343  
FARGO ND 58125-6343



ACCOUNT NUMBER \_\_\_\_\_ 4  
STATEMENT DATE \_\_\_\_\_ 07-20-2020  
AMOUNT DUE \_\_\_\_\_ \$2,176.34  
NEW BALANCE \_\_\_\_\_ \$2,176.34  
PAYMENT DUE ON RECEIPT



000000072 01 SP 0.560 106481210662387 P

TULARE MOSQUITO ABATE  
ATTN JOHN AVILA  
6575 DALE FRY ROAD  
TULARE CA 93274-9073

AMOUNT ENCLOSED  
\$

Please make check payable to "U.S. Bank"

U.S. BANK CORPORATE PAYMENT SYSTEMS  
P.O. BOX 790428  
ST. LOUIS, MO 63179-0428

4866914555514949 000217634 000217634

Please tear payment coupon at perforation.

CORPORATE ACCOUNT SUMMARY								
TULARE MOSQUITO ABAT	Previous Balance	Purchases And Other + Charges	Cash Advances +	Cash Advance Fees +	Late Payment Charges	- Credits	- Payments	= New Balance
Company Total	\$1,015.66	\$2,176.34	\$0.00	\$0.00	\$0.00	\$0.00	\$1,015.66	\$2,176.34

CORPORATE ACCOUNT ACTIVITY					
TULARE MOSQUITO ABATE					TOTAL CORPORATE ACTIVITY
					\$1,015.66 CR
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
07-06	07-04	7479826018800000000161	PAYMENT - THANK YOU 00000 C	1,015.66 PY	

NEW ACTIVITY					
MICHELL E DEMPSEY		CREDITS	PURCHASES	CASH ADV	TOTAL ACTIVITY
		\$0.00	\$97.06	\$0.00	\$97.06
Post Date	Tran Date	Reference Number	Transaction Description	Amount	
07-20	07-17	24137460201001236066590	TRACTOR SUPPLY #1269 TULARE CA	59.93	
07-20	07-17	24610430200010184276713	THE HOME DEPOT #6946 TULARE CA	7.92	
07-20	07-17	24692160200100491691185	LOWES #02473* TULARE CA	29.21	

CUSTOMER SERVICE CALL	ACCOUNT NUMBER		ACCOUNT SUMMARY	
	800-344-5696		PREVIOUS BALANCE	1,015.66
		PURCHASES & OTHER CHARGES	2,176.34	
	STATEMENT DATE	DISPUTED AMOUNT	CASH ADVANCES	.00
	07/20/20	.00	CASH ADVANCE FEES	.00
			LATE PAYMENT CHARGES	.00
			CREDITS	.00
			PAYMENTS	1,015.66
SEND BILLING INQUIRIES TO: U.S. Bank National Association C/O U.S. Bancorp Purchasing Card Program P.O. Box 6335 Fargo, ND 58125-6335	AMOUNT DUE		ACCOUNT BALANCE	2,176.34
	2,176.34			



Company Name: TULARE MOSQUITO ABATE
Corporate Account Number: .
Statement Date: 07-20-2020

**NEW ACTIVITY**

<b>QUIRINO VALENCIA</b>	<b>CREDITS</b>	<b>PURCHASES</b>	<b>CASH ADV</b>	<b>TOTAL ACTIVITY</b>
	\$0.00	\$365.98	\$0.00	\$365.98

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-25	06-24	24801970176286133600146	CP PHELPS TULARE CA	278.16
07-10	07-08	24610430191010188540925	THE HOME DEPOT #6946 TULARE CA	32.44
07-13	07-10	24137460193200200858079	AUTOZONE #2834 TULARE CA	55.38

<b>JOHN AVILA</b>	<b>CREDITS</b>	<b>PURCHASES</b>	<b>CASH ADV</b>	<b>TOTAL ACTIVITY</b>
	\$0.00	\$1,713.30	\$0.00	\$1,713.30

Post Date	Tran Date	Reference Number	Transaction Description	Amount
06-22	06-19	24226380172400007640905	WAL-MART #2536 TULARE CA	44.23
06-22	06-19	24692160171100410578823	AMZN MKTP US*MS01H50C0 AMZN.COM/BILL WA	116.91
06-22	06-18	24707800171030039423008	AMERICAN MOSQUITO CONTROL 888-626-0630 CA	145.00
06-24	06-24	24431060176083702610418	AMAZON.COM*MS37J6KB1 AMZN AMZN.COM/BILL WA	41.85
06-24	06-23	24436540176011102709155	UNWIRED BROADBAND 559-2614444 CA	135.97
06-24	06-23	24761970175014001030918	PRAXAIR DIST INC OAM 515-965-6633 IA	64.38
06-25	06-24	24692160176100766088574	ATT*WEBSITE SOLUTIONS 888-932-4678 TX	10.60
06-26	06-25	24692160177100443139639	IN *DIGITAL DEPLOYMENT, I 916-2080903 CA	200.00
06-30	06-29	24692160181100012136960	LOWES #02473* TULARE CA	14.29
06-30	06-29	24692160181100978514333	AMZN MKTP US*MS60X3I40 AMZN.COM/BILL WA	37.88
07-01	06-30	24692160182100412128392	AMZN MKTP US*MS4XT6RW2 AMZN.COM/BILL WA	15.14
07-03	07-01	24733090184091693000012	CLINE'S BUSINESS EQUIPME 5597339354 CA	60.00
07-06	07-03	24137460186100316415245	OFFICE DEPOT #943 VISALIA CA	227.18
07-06	07-03	24492150185852962477278	GOLDENSTATEOVERNIGH 800-322-5555 CA	4.16
07-07	07-06	24755420188171882326887	YOSEMITE LINEN SUPPLY INC 559-2332654 CA	445.50
07-08	07-07	24137460190001227737327	USPS PO 0579500574 TULARE CA	55.30
07-10	07-09	24445000192400170200540	WAL-MART #2536 TULARE CA	10.22
07-13	07-11	24445000193200121005314	4TE*CULLIGAN WATER CONDIT 559-562-6361 CA	52.50
07-15	07-13	24761970196014000941961	PRAXAIR DIST INC OAM 515-965-6633 IA	32.19

Department: 00000 Total:	\$2,176.34
Division: 00000 Total:	\$2,176.34



Payment Voucher (PVQ)

**Tulare Mosquito Abatement District**

Vendor Code S 8496

Voucher No: 778                      **21917**

Direct Pay: Yes

Scheduled Pay Date:                      6/26/2020

Name:            **Tulare Mosquito Abatement District**

Address:        6575 Dale Fry Rd  
                    Tulare CA 93274

Fund: 778 Agency: 778 Org: 1000 Obj: 2000

Description:

6000	Funds for Salaries and Benefits FY 20/21 Budget	150,000.00
7000	Funds for Services and Supplies FY 20/21 Budget	150,000.00

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**Total            300,000.00**



**OFFICE OF AUDITOR-CONTROLLER/  
TREASURER-TAX COLLECTOR  
TULARE COUNTY  
CALIFORNIA**

THE TREASURER OF  
TULARE COUNTY  
STATE OF CALIFORNIA

CHECK NO: 202007010070593

**REMITTANCE ADVICE**

DATE: 07-01-2020

AMOUNT: \$\*\*\*\*\*300,000.00

*Three Hundred Thousand And 00/100 Dollars*

PAYEE: Tulare Mosquito Abatement District  
6575 Dale Fry Road  
Tulare, CA 93274

CATEGORY:  
VENDOR NO: S8496TMA

Page 1 Of 1

CD	DEPT	ID	INVOICE NUMBER	INV.DT	PO	DESCRIPTION	NET AMOUNT
GAX	030	77821917					150,000.00
GAX	030	77821917					150,000.00

Page TOTAL : 300,000.00

TOTAL : 300,000.00

<b>TMAD Revenue &amp; Cash Balance Status</b>						Date of
<b>FY 20/21</b>						last rcvd
	FY 17/18	FY 18/19	FY 18/19	FY 19/20	FY 20/21	revenue:
<b>Tax Income</b>					Actual to Date	
4001 Property Tax Current Secured	1,263,060	1,316,348	1,316,348	1,378,597		
4006 Property Tax Current Unsecured	74,679	78,374	78,374	82,946		
4008 Property Tax Prior Secured	24,790	24,820	24,820	24,774		
4009 Property Tax Prior Unsecured	2,281	1,185	1,185	1,375		
4030 Supp Tax Current Secured	22,729	24,962	24,962	26,261		
4033 Supp Tax Prior Secured	2,405	3,509	3,509	5,086		
4055 Timber Yield	-	0.12	0.12	0.01		
4060 Residual Dist	55,021	62,559	62,559	65,992		
4069 PT Facilities	25,053	25,757	25,757	27,299		
4801 Interest	77,640	115,075	115,075	157,651		
5000 I/G Revenues	216	377	377	174		
5050 Property Tax Relief	11,738	11,657	11,657	11,415		
<b>Property Tax (County) Revenue:</b>	<b>1,559,612</b>	<b>1,664,623</b>	<b>1,664,623</b>	<b>1,781,570</b>	-	
<b>Misc Income</b>						
5805 Misc. Revenue	3,154	-	-	1		
5838 Insurance Proceeds/Rec	23,843	-	-	1		
7000 Miscellaneous Revenue	6,424	62,428	62,428	7509		
7003 Tax Administration Fee						
Health Dept Funding	<b>23,776</b>	<b>42,530</b>	<b>42,530</b>			
<b>Total Revenue</b>			<b>1,471,281</b>	<b>1,789,081</b>	-	
<b>CASH BALANCE</b>						
County Cash Balance (7/31/20)			<b>6,470,211</b>			
Union Bank Balance (7/31/20)			<b>204,451</b>			
Cash Balance			<b>6,674,662</b>			

**TULARE MOSQUITO ABATEMENT DISTRICT**

**FY 20/21 Budget**

**July 31, 2020**

	<i>Appropriations</i>	<i>Expenditures</i>	<i>Remaining</i>
<b>Salaries &amp; Employees Benefits ( 1000 )</b>			
6001 Regular Salaries *	485,000.00	35,367.88	449,632.12
6004 Benefits		-	
Health Insurance	200,000.00	15,061.65	184,938.35
EDD Unemployment Insurance 6.2% X 7,000 of employees pay	6,500.00	370.67	6,129.33
EDD Disability Insurance 1.0% X of employees salary	6,500.00	591.89	5,908.11
EDD Employment Training Tax rate 0%	-	-	-
Life Insurance	2,000.00	150.87	1,849.13
6005 Extra Help	140,000.00	23,820.22	116,179.78
6008 Directors Fees	7,200.00	500.00	6,700.00
6011 Retirement PERS	50,000.00	17,453.60	32,546.40
Classic members 8.081% X Gross Salary			
New Public Employee Pension Reform Act (PEPRA) members ( 6.985% X Gross Pay )			
Unfunded Liability	15,000.00	-	15,000.00
6012 Social Security ( 7.65% of employee pay )	49,000.00	4,479.90	44,520.10
6015 Workers' Compensation Insurance	25,000.00	22,384.00	2,616.00
	<u>986,200.00</u>	<u>120,180.68</u>	<u>866,019.32</u>
<b>Services &amp; Supplies ( 2000 )</b>			
7001 Agriculture	250,000.00	11,325.98	238,674.02
7005 Telecommunications	1,600.00	10.60	1,589.40
7009 Household Expense	3,000.00	106.95	2,893.05
7010 Insurance	55,000.00	-	55,000.00
7021 Maintenance of Equipment	55,000.00	7,524.49	47,475.51
7024 Maintenance - Bldg & Improvements	8,000.00	-	8,000.00
7027 Memberships	17,500.00	9,645.00	7,855.00
7036 Office Expense	10,000.00	645.82	9,354.18
7043 Professional & Special Expense	20,000.00	625.00	19,375.00
7059 Publications and Legal Notices	500.00	-	500.00
7061 Rents & Leases - Equipment	500.00	-	500.00
7062 Rent & Leases - Bldg & Improvements	10,000.00	788.29	9,211.71
7065 Small Tools & Instruments	1,000.00	-	1,000.00
7066 District Special Expense	5,000.00	-	5,000.00
7074 Transportation & Travel	5,000.00	-	5,000.00
7081 Utilities	6,500.00	497.84	6,002.16
	<u>448,600.00</u>	<u>31,169.97</u>	<u>417,430.03</u>
<b>Other Charges ( 3000 )</b>			
7407 Contributions to other Agencies	2,500.00	-	2,500.00
7425 Taxes & Assessments	38,500.00	-	38,500.00
	<u>41,000.00</u>	<u>-</u>	<u>41,000.00</u>
<b>Fixed Assets ( 8000-8300 )</b>			
Transition to new OS (Software & Hardware)	17,000.00	-	17,000.00
WALS A1 Applicator	17,000.00	-	17,000.00
Replacement of 3/4 ton vehicle	30,789.00	-	30,789.00
Additional 1/2 ton Surveillance Vehicle	26,862.00	17,397.32	9,464.68
	<u>91,651.00</u>	<u>17,397.32</u>	<u>74,253.68</u>
<b>Working Budget</b>			
* Appropriation for Contingencies	1,567,451.00	168,747.97	1,398,703.03
<b>Total Appropriations</b>	<u>1,802,569.00</u>	<u>168,747.97</u>	<u>1,633,821.03</u>
<b>** General Reserves</b>			
Reserve for Asphalt Removal & Replacement	5,384,500.00		5,384,500.00
Reserve for OPEB Liability	150,000.00		150,000.00
Reserve for Property/Building Purchase	1,216,776.00		1,216,776.00
Reserve for Emergency Invasive Aedes Outbreak	3,500,000.00		3,500,000.00
Reserve for Replacement of Vehicles/Tablets	300,000.00		300,000.00
	<u>225,000.00</u>		<u>225,000.00</u>
<b>Total Budget</b>	<u>12,578,845.00</u>	<u>168,747.97</u>	<u>12,410,097.03</u>
Tulare County Account # 778 Balance	6,470,210.86		
Union Bank Account # 2740034408 Balance	204,451.13		
<b>TMAD Current cash balance</b>	<u>6,674,661.99</u>		

\* 15% of our Working Budget ( Tulare County permits us to carry 15% of our working budget as Appropriations for Contingencies )

\*\* There is no requirement to fund General Reserves at any set amount to be in compliance with the CA Health and Safety Code.

# Agenda Item #4

TMAD Revenue & Cash Balance Status						Date of
<b>FY 19/20</b>						last rcvd
	FY 16/17	FY 17/18	FY 18/19	FY 19/20	FY 19/20	revenue:
Tax Income				<Estimated>	Actual to Date	Jun 30
4001 Property Tax Current Secured	1,196,569	1,263,060	1,316,348	1,377,620	1,378,597	
4006 Property Tax Current Unsecured	68,463	74,679	78,374	79,247	82,946	
4008 Property Tax Prior Secured	24,606	24,790	24,820		24,774	
4009 Property Tax Prior Unsecured	1,398	2,281	1,185		1,375	
4030 Supp Tax Current Secured	15,852	22,729	24,962		26,261	
4033 Supp Tax Prior Secured	2,496	2,405	3,509		5,086	
4055 Timber Yield	-	-	0.12		0.01	
4060 Residual Dist	52,134	55,021	62,559		65,992	
4069 PT Facilities	24,049	25,053	25,757		27,299	
4801 Interest	61,168	77,640	115,075		157,651	
5000 I/G Revenues	-	216	377		174	
5050 Property Tax Relief	11,953	11,738	11,657	11,480	11,415	
<b>Property Tax (County) Revenue:</b>	<b>1,458,688</b>	<b>1,559,612</b>	<b>1,664,623</b>	<b>1,468,347</b>	<b>1,781,570</b>	
<b>Misc Income</b>						
5805 Misc. Revenue	-	3,154	-	1		
5838 Insurance Proceeds/Rec	-	23,843	-	1		
7000 Miscellaneous Revenue	6,193	6,424	62,428		7509	
7003 Tax Administration Fee						
Health Dept Funding		<b>23,776</b>	42,530			
<b>Total Revenue</b>			<b>1,471,281</b>	<b>1,468,349</b>	<b>1,789,079</b>	
<b>CASH BALANCE</b>						
County Cash Balance (6/30/20)			<b>6,770,211</b>			
Union Bank Balance (6/30/20)			<b>72,534</b>			
<b>Cash Balance</b>			<b>6,842,745</b>	<b>&gt; Balance beginning FY 20/21</b>		
<small>Documents/Excel/Revenue2Data/FY19-20 RevCashBal</small>						



# CalPERS Announces Health Plan Premiums for 2021

July 14, 2020

**Communications & Stakeholder Relations**

**Contact: Deb Reyman, Information Officer**  
**(916) 795-3991 - newsroom@calpers.ca.gov**

**SACRAMENTO, Calif.** – The CalPERS Board of Administration today approved health plan premiums for calendar year 2021, at an overall average premium increase of 4.32%.

Rates for CalPERS' Medicare plans are declining across the board from the previous year.

Included in the approved rates are the addition of a new health plan, coverage area expansions, and benefit design enhancements for specific plans.

"In this time of unprecedented uncertainty, we pushed our health plans even harder to get the lowest premiums possible," said Rob Feckner, chair of the Pension and Health Benefits Committee. "This year, we required more transparency and better identification of costs and projections by the health plans. This gave the plans very little wiggle room to increase costs that couldn't be justified and gave us stronger negotiating power on behalf of our 1.5 million health program members."

The overall impact of COVID-19 on CalPERS' 2021 rates will be a modest 0.57%. Factors included in projecting COVID-19's impact included the savings due to delayed and deferred care this year, which CalPERS was able to use to reduce rate increases for next year.

Members enrolled in CalPERS' Basic (non-Medicare) Health Maintenance Organization (HMO) health plans will see an average premium increase of 4.44%. Members enrolled in Basic Preferred Provider Organization (PPO) plans will see an overall average increase of 8.54%.

Medicare HMO and PPO plans will see premiums decrease by 4.46% and 0.65%, respectively.

There's no COVID-19 impact to the HMO Medicare Advantage plans and the PPO Medicare Supplemental plans since COVID-19-related costs are covered by Medicare.

The following chart represents the percentage premium change for each health plan, between 2020 and 2021. Note this reflects only the state, single-party premiums.

## Basic Plans

Anthem HMO Select

+1.62%

Basic Plans	
Anthem HMO Traditional	+9.37%
Blue Shield Access+	+3.16%
Blue Shield Trio	+3.07%
Health Net Salud y Más	+5.32%
Health Net SmartCare	+7.36%
Kaiser Permanente	+4.32%
PERS Choice	+7.91%
PERS Select	+7.14%
PERSCare	+12.32%
Sharp	+4.33%
United Healthcare	+3.94%
Western Health Advantage	+3.42%

Medicare Plans	
Anthem Select	-1.23%
Anthem Traditional	-1.23%
Kaiser	-4.40%
PERS Choice	-0.40%
PERS Select	-0.40%
PERSCare	-0.92%
Sharp	N/A
United Healthcare	-4.73%

\*Sharp Medicare Advantage is a new plan for 2021, therefore no comparison to the prior year is available.

For 2021, the board approved new plan and benefit changes to deliver members more choices and improve health outcomes:

# Agenda Item #6



P.O. Box 942715 Sacramento, CA 94229-2715  
 888 CalPERS (or 888-225-7377) | Fax: (800) 959-6545  
 TTY: (877) 249-7442  
[www.calpers.ca.gov](http://www.calpers.ca.gov)

**California Public Employees' Retirement System**

July 01, 2020

Michelle Dempsey-Robinson  
 Tulare Mosquito Abatement District  
 6575 DALE FRY RD.  
 TULARE, CA 93274-9073

Business Unit: 1900  
 CalPERS ID: 5074140349  
 Invoice Number: 100000016092725  
 Invoice Date: July 01, 2020  
 Payment Due Date: July 31, 2020

Description	Amount				
<p>Annual Unfunded Accrued Liability as of the June 30, 2018 Actuarial Valuation for Rate Plan Identifier 1234.</p> <p>The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability Contribution Amount.</p> <p>Your agency's monthly amount due toward the Unfunded Accrued Liability is:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">Amount</td> <td style="width: 40%;">Due Date</td> </tr> <tr> <td>\$1,076.52</td> <td>July 31, 2020</td> </tr> </table> <p>If you would like to prepay the entire Annual Payment toward your Plan's Unfunded Accrued Liability, you can submit the Annual Lump Sum Prepayment amount of <b>\$12,488.00</b> to the invoice number above by July 31, 2020 instead of the monthly amount listed.</p> <p>Please refer to the June 30, 2018 Actuarial Valuation report for the details of this calculation. Reports are available at CalPERS On-Line or by visiting <a href="http://www.mycalpers.ca.gov">www.mycalpers.ca.gov</a></p> <p>Unfunded Accrued Liability contributions are to be paid in full by the payment due date each month. Payments that are not received in full on or before this date will be assessed interest on the total outstanding balance due (Public Employees' Retirement Law § 20572 (b)). Please note that this monthly statement is a demand for payment in accordance with Public Employees' Retirement Law § 20572 (a).</p> <p><b>For questions concerning your invoice, please call our CalPERS Customer Contact Center at 888 CalPERS (or 888-225-7377) and ask to be referred to the Financial Office.</b></p>	Amount	Due Date	\$1,076.52	July 31, 2020	<p><b>Total Due</b></p> <p><b>\$1,076.52</b></p>
Amount	Due Date				
\$1,076.52	July 31, 2020				







P.O. Box 942715 Sacramento, CA 94229-2715  
 888 CalPERS (or 888-225-7377) | Fax: (800) 959-6545  
 TTY: (877) 249-7442  
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California Public Employees' Retirement System

July 01, 2020

Michelle Dempsey-Robinson  
 Tulare Mosquito Abatement District  
 6575 DALE FRY RD.  
 TULARE, CA 93274-9073

Business Unit: 1900  
 CalPERS ID: 5074140349  
 Invoice Number: 100000016092733  
 Invoice Date: July 01, 2020  
 Payment Due Date: July 31, 2020

Description	Amount				
<p>Annual Unfunded Accrued Liability as of the June 30, 2018 Actuarial Valuation for Rate Plan Identifier 26798.</p> <p>The total minimum required employer contribution is the sum of the Plan's Employer Normal Cost Rate (expressed as a percentage of payroll) plus the Employer Unfunded Accrued Liability Contribution Amount.</p> <p>Your agency's monthly amount due toward the Unfunded Accrued Liability is:</p> <table border="0"> <tr> <td>Amount</td> <td>Due Date</td> </tr> <tr> <td>\$172.31</td> <td>July 31, 2020</td> </tr> </table> <p>If you would like to prepay the entire Annual Payment toward your Plan's Unfunded Accrued Liability, you can submit the Annual Lump Sum Prepayment amount of \$1,999.00 to the invoice number above by July 31, 2020 instead of the monthly amount listed.</p> <p>Please refer to the June 30, 2018 Actuarial Valuation report for the details of this calculation. Reports are available at CalPERS On-Line or by visiting <a href="http://www.mycalpers.ca.gov">www.mycalpers.ca.gov</a></p> <p>Unfunded Accrued Liability contributions are to be paid in full by the payment due date each month. Payments that are not received in full on or before this date will be assessed interest on the total outstanding balance due (Public Employees' Retirement Law § 20572 (b)). Please note that this monthly statement is a demand for payment in accordance with Public Employees' Retirement Law § 20572 (a).</p> <p><b>For questions concerning your invoice, please call our CalPERS Customer Contact Center at 888 CalPERS (or 888-225-7377) and ask to be referred to the Financial Office.</b></p>	Amount	Due Date	\$172.31	July 31, 2020	
Amount	Due Date				
\$172.31	July 31, 2020				
<b>Total Due</b>	<b>\$172.31</b>				



## Agenda Item #7



Dear Vendor:

Do to the COVID-19 pandemic there's been changes for the 2020 Tulare County Fair, its not going to be our normal fair, in these difficult times we have made the decision to show case our community the best we can by having a drive thru fair.

Vendors still have the opportunity to participate in the 2020 Catch the Vision, Create Memories drive thru fair by:

- Entering in our community feature booth competition which is open to all Tulare County businesses. This provides you with a 10x10 booth space at the drive thru fair to show case your local business, for more information go to [www.tcfair.org](http://www.tcfair.org) Tulare County Fair, Adult Agriculture & Horticulture Outdoor Handbook.
- Available to all vendors the month of September is our Vendor Store. For \$250 you can advertise your business, you can email us your business logo and a link to your website so people can access and purchase items from you directly. For more information email [customerservice@tcfair.org](mailto:customerservice@tcfair.org).

You can also become a sponsor of any still exhibit competition. The fair will promote vendors that decide to become a sponsor through our local media, website, online registration, and throughout our Drive Thru Fair. Call the fair office for more information. We are sorry the fair isn't looking the same this year and we hope everyone stays safe and healthy. All 2020 vendors will stay on our list for the 2021 fair and we understand if you can't participate in the 2020 drive thru fair that we see you in 2021.

Thank you for your patience and understanding.

Sincerely,

Dena Rizzardo, CEO

[dena.rizzardo@tcfair.org](mailto:dena.rizzardo@tcfair.org)

(559) 686-4707

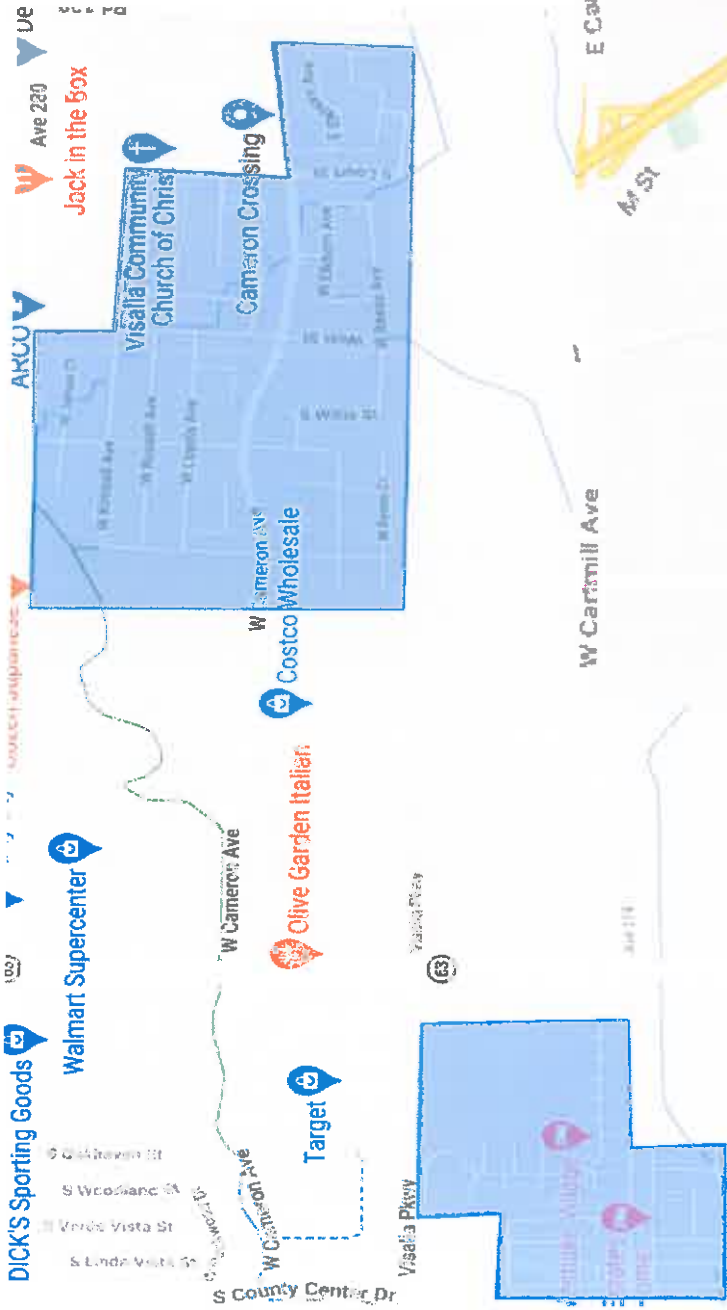
# Agenda Item #9

## 2020 A1 "WALS" Spray Area

2 Areas in Visalia

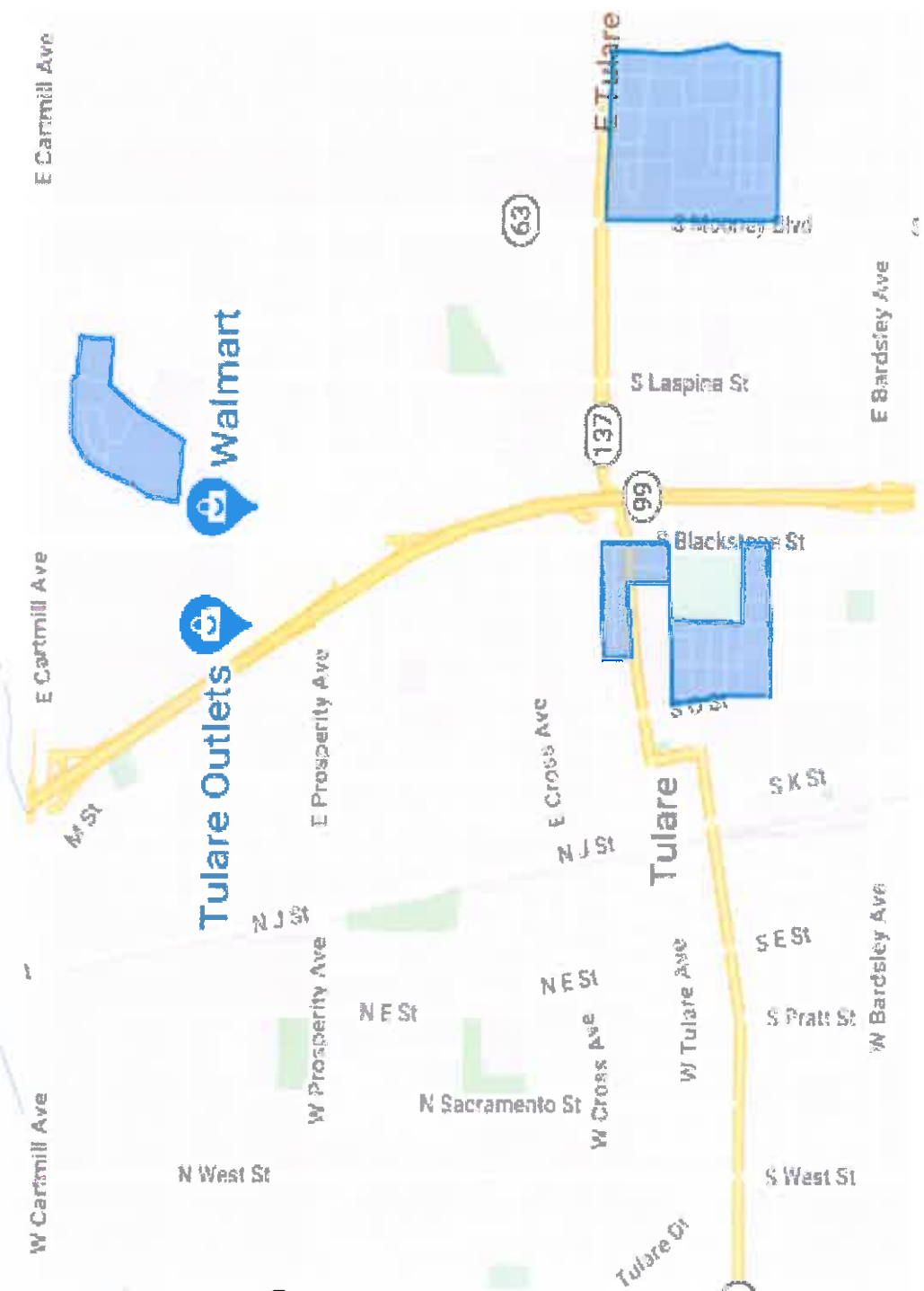
3 Areas in Tulare

75lbs of VectoBac WG



### Tulare Outlets

8 Week Larvicide Cx and Aegypti Program





# BEYOND PESTICIDES

- » MICE (3)
- » Mosquitoes (52)
- » Pigeons (1)
- » Rodents (14)
- » termites (6)
- » Ticks (7)

- » Pets (21)
- ▶ Pollinators (670)
- » Preemption (23)
- » Repellent (1)
- » Resistance (90)
- » Rodenticide (23)
- » Seeds (2)
- ▶ State/Local (1455)
- » synergistic effects (5)
- » Synthetic Pyrethroids (4)
- » Take Action (482)
- » Toxic Waste (2)
- ▼ Uncategorized (757)
  - » Biosolids/Sewage Sludge (1)
- ▶ Water (342)
- » Wildlife/Endangered Sp. (353)
- » Wood Preservatives (23)
- » World Health Organization (2)



## • Most Viewed Posts

- Over Two Million Bees Killed after Aerial Mosquito Spraying in South Carolina (42,653)
- Glyphosate Causes Changes to DNA Function Resulting in Chronic Disease, According to Study (40,624)
- EPA and CDC Mislead Local and State Officials and the Public on Safety of Mosquito Pesticides Used for Zika Virus (32,911)
- Cosmetic Lawn Pesticide Use Outlawed in Takoma Park, MD, First Local Ban Of Its Type in U.S. (28,607)
- Monarch Butterfly Numbers Keep Declining (26,602)
- Glyphosate Classified Carcinogenic by International Cancer Agency, Group Calls on U.S. to End Herbicide's Use and Advance Alternatives (25,732)
- Community Passes Resolution Banning Neonicotinoids (24,295)
- Nitrate Pollution in Groundwater Linked to Birth Defects, Cancers and Thyroid Problems (23,452)
- Group Plans to Sue Agencies over Threatened Amphibian (21,292)
- Portland, ME Becomes an Organic City, Banning Toxic Pesticides on Public and Private Property (20,121)

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## • Using the Blog

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- How to comment
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## • Recent Comments

- Dorothy Anderson on Tell EPA and Congress that ALL Ingredients in Pesticides Must Be Disclosed
- pa mort on Tell EPA and Congress that ALL ingredients in Pesticides Must Be Disclosed
- Diane on Experts Warn Concentrated Animal Feeding Operations (CAFOs) Could Lead to the Next Pandemic

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## DAILY NEWS BLOG

« Unregulated, "Shocking" and Destructive Levels of Pesticide Mixtures Found in Waterways

Jul

20

Combined Effects of Pesticide Exposure and Climate Change Significantly Harm Coral Reef Fish »

### Take Action: Tell Public Officials to Stop Mosquito Spraying and Adopt a Safe, Effective Mosquito Management Plan

*(Beyond Pesticides, July 20, 2020)* Does your community spray toxic pesticides for mosquitoes? In a well-intentioned but ill-informed attempt to prevent mosquito-borne illness such as West Nile virus, many communities spray insecticides (adulticides) designed to kill flying mosquitoes. If your community is one of these, then your public officials need to know that there is a better, more-effective, way to prevent mosquito breeding.

**Tell your public officials to stop spraying pesticides and adopt a mosquito management plan that protects public health and the environment.**

**The problem with mosquito pesticides.** Two classes of insecticides are favored by mosquito spray programs—organophosphates and synthetic pyrethroids. In order to better target flying mosquitoes, adulticides are generally applied as ultra-low-volume (ULV) formulations that will float in the air longer than usual.

**Pesticides are toxic chemicals and can exacerbate respiratory illnesses like Covid-19.**

Organophosphates, which include malathion (Fyfanon), naled (Dibrom), and chlorpyrifos (Mosquitomist for public health uses only) are highly toxic pesticides that affect the central nervous, cardiovascular, and respiratory systems. Symptoms of poisoning in humans include numbness, tingling sensations, headache, dizziness, tremors, nausea, abdominal cramps, sweating, incoordination, blurred vision, difficulty breathing, slow heartbeat, loss of consciousness, incontinence, convulsions, and death. Some organophosphates have been linked to birth defects, cancer, and brain effects. Breakdown times range from a few days to several months,



# BEYOND PESTICIDES

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depending on conditions.

Synthetic pyrethroids, which include resmethrin (*Scourge*), sumithrin (*Anvil*), and permethrin, are adulticides patterned after pyrethrum (an insecticide derived from chrysanthemum plants), that have been chemically engineered to have greater toxicity and longer breakdown times. Almost all synthetic pyrethroid mosquito products use synergists like piperonyl butoxide (PBO), which increases potency and compromises the body's ability to detoxify the pesticide. PBO causes a range of short- and long-term effects, including cancer and adverse impacts on liver function and the nervous system. Symptoms of synthetic pyrethroid poisoning include: dermatitis and asthma-like reactions, eye and skin irritation, and flu-like symptoms. Synthetic pyrethroids are endocrine disruptors and have been linked to breast and prostate cancer. People with asthma and pollen allergies should be especially cautious. Exposure has resulted in deaths from respiratory failure. Breakdown times range from a few hours to several months.

#### **Mosquito spraying also hurts the environment.**

Naled, an organophosphate commonly used for mosquito control, affects a variety of non-target animals, including fish, insects, aquatic invertebrates, and honey bees. Naled is moderately acutely toxic to mammals, moderately to very highly toxic to freshwater fish and birds, highly toxic to honey bees, and very highly toxic to freshwater aquatic invertebrates, and estuarine fish and invertebrates. Elevated mortality rates among honey bees have been documented after nighttime aerial ULV applications of naled. Average yield of honey per hive is significantly lower in exposed hives.

Synthetic pyrethroids are highly toxic to fish and honey bees, even in low doses. Beneficial insects, including mosquito predators like dragonflies, will be killed by synthetic pyrethroids and organophosphates.

#### **Pesticides used to treat adult mosquitoes are not effective.**

Spraying to kill adult mosquitoes (adulticiding) is usually the least effective mosquito control method. For example, efforts to control the transmission of malaria are encountering a big, though predictable, problem—the mosquitoes that transmit malaria are developing resistance to at least five of the insecticides that have been central to limiting transmission of the disease. A study released in late June reveals a dramatic increase in resistance to pyrethroid insecticides and DDT across sub-Saharan Africa. This signals the failure of a mainstay chemical approach to the spread of malarial mosquitoes; this same problem—resistance—occurs in chemical management of agricultural pests and weeds, and with antibiotics to treat human bacterial infections. This study underscores a point Beyond Pesticides has made repeatedly—resistance to pesticides (whether insecticides, herbicides, biocides, fungicides, or medical antibiotics) is inevitable. The solution to containing the spread of mosquito-borne diseases lies not in the use of more and different chemicals, but in nontoxic approaches that respect nature and ecological balance.

**Preventing the problem.** Beyond Pesticides offers resources for managing mosquitoes and mosquito-borne disease without the use of toxic pesticides. A better mosquito management plan protects public health and the environment. There are steps that can be taken to eliminate breeding sites around homes and buildings, and throughout the community. For example:

- Clean up standing water on residential property.
- Get rid of unnecessary debris, such as old tires, on residential and commercial property.
- At least twice a week, empty water from toys, buckets, birdbaths, swimming pool covers, and any other areas where water can collect.
- Drill holes in swing tires, and in the bottoms of recycling bins and other outside containers.
- Clean out rain gutters and make sure they drain properly.
- Where water cannot be emptied, the bacterial larvicide *Bacillus thuringiensis israelensis* is a least-toxic option.
- Turn garbage can covers right side up.
- Utilize safe repellents and other methods to protect against mosquito bites.
- Establish community-wide public awareness campaigns.

Local public policy is key to long-term solutions. Outbreaks of disease-carrying mosquitoes often result from habitat disturbance, such as deforestation, impairing wetlands, and spraying insecticides. Restoring the health of ecosystems helps keep mosquitoes under control. Native minnows, for example, can provide effective control of mosquito larvae breeding in standing water.

Read about Beyond Pesticides' mosquito door hanger. [Get door hangers here.](#)

**Tell your public officials to stop spraying pesticides and adopt a mosquito management plan that protects public health and the environment.**

#### **To Public Health Officials**

Mosquito spray programs, which target flying mosquitoes with highly toxic organophosphate or synthetic pyrethroid insecticides, are ineffective and endanger our health. These pesticides, which are generally applied as ultra-low-volume (ULV) formulations, will float in the air longer than usual because of their small droplet size, but will eventually land on lawns, gardens, and anything that is outside. That droplet size also allows them to be carried deeper into the lungs. These pesticides can cause a wide range of health effects in humans, including exacerbating respiratory illness like Covid-19, and harm our environment.

Symptoms of organophosphate poisoning in humans include numbness, tingling sensations, headache, dizziness, tremors, nausea, abdominal cramps, sweating, incoordination, blurred vision, difficulty breathing, slow heartbeat, loss of consciousness, incontinence, convulsions, and death. Some organophosphates have been linked to birth defects, cancer, and brain effects. Symptoms of synthetic pyrethroid poisoning include dermatitis and asthma-like reactions, eye and skin irritation, and flu-like symptoms. Synthetic pyrethroids are endocrine disruptors and have been linked to breast and prostate cancer. People with asthma and pollen allergies should be especially cautious. Exposure has resulted in deaths from respiratory failure.

Naled, an organophosphate commonly used for mosquito control, affects a variety of non-target animals, including fish, insects, aquatic invertebrates, and honey bees. Naled is moderately acutely toxic to mammals, moderately to very highly toxic to freshwater fish and birds, highly toxic to honey bees, and very highly toxic to freshwater aquatic invertebrates, and estuarine fish and invertebrates. Elevated mortality rates among honey bees have been documented after nighttime aerial ULV applications of naled. Synthetic pyrethroids are highly toxic to fish and honey bees, even in low doses. Beneficial insects, including mosquito predators like dragonflies, will be killed by synthetic pyrethroids and organophosphates.

In addition to the dangers, spraying to kill adult mosquitoes (adulticiding) is the least effective mosquito control method. Close to 99.9% of sprayed chemicals goes off into the environment where they can have detrimental effects on public health and ecosystems, leaving 0.10% to actually hit the target pest. In addition, efforts to control the transmission of mosquito-borne diseases are encountering a big, though predictable, problem—mosquitoes are developing resistance to insecticides.

There are better ways to manage mosquito problems. Outbreaks of disease-carrying mosquitoes often result from habitat disturbance, such as deforestation, impairing wetlands, and spraying insecticides. Restoring the health of ecosystems helps keep mosquitoes under control. Native minnows, for example, can provide effective control of mosquito larvae breeding in standing water. Where water cannot be emptied from containers, the bacterial larvicide *Bacillus thuringiensis israelensis* is a least-toxic option. A better mosquito management plan protects public health and the environment. Please tell our local and state health departments to abandon spraying and adopt a mosquito management plan that does not depend on toxic chemicals: Public Health Mosquito Management Strategy.

Thanks you for your consideration of my concerns.

TIME RECEIVED  
July 20, 2020 at 8:02:21 PM PDT

REMOTE CSID  
+12023350834

DURATION  
49

PAGES  
2

STATUS  
Received

From: Rob Rondanini <rob\_rondanini@yahoo.com>  
To: Board Vice Chairman Robert Weygandt  
Sent: Monday, July 20, 2020 11:01 PM EDT  
Subject: URGENT: Covid-19 can be exacerbated by toxic mosquito pesticide spraying

Dear Board Vice Chairman Robert M. Weygandt,

Mosquito spray programs, which target flying mosquitoes with highly toxic organophosphate or synthetic pyrethroid insecticides, are ineffective and endanger our health. These pesticides, which are generally applied as ultra-low-volume (ULV) formulations, will float in the air longer than usual because of their small droplet size, but will eventually land on lawns, gardens, and anything that is outside. That droplet size also allows them to be carried deeper into the lungs. These pesticides can cause a wide range of health effects in humans, including exacerbating respiratory illness like Covid-19, and harm our environment.

Symptoms of organophosphate poisoning in humans include numbness, tingling sensations, headache, dizziness, tremors, nausea, abdominal cramps, sweating, incoordination, blurred vision, difficulty breathing, slow heartbeat, loss of consciousness, incontinence, convulsions, and death. Some organophosphates have been linked to birth defects, cancer, and brain effects. Symptoms of synthetic pyrethroid poisoning include dermatitis and asthma-like reactions, eye and skin irritation, and flu-like symptoms. Synthetic pyrethroids are endocrine disruptors and have been linked to breast and prostate cancer. People with asthma and pollen allergies should be especially cautious. Exposure has resulted in deaths from respiratory failure.

Naled, an organophosphate commonly used for mosquito control, affects a variety of non-target animals, including fish, insects, aquatic invertebrates, and honey bees. Naled is moderately acutely toxic to mammals, moderately to very highly toxic to freshwater fish and birds, highly toxic to honey bees, and very highly toxic to freshwater aquatic invertebrates, and estuarine fish and invertebrates. Elevated mortality rates among honey bees have been documented after nighttime aerial ULV applications of naled. Synthetic pyrethroids are highly toxic to fish and honey bees, even in low doses. Beneficial insects, including mosquito predators like dragonflies, will be killed by synthetic pyrethroids and organophosphates.

In addition to the dangers, spraying to kill adult mosquitoes (adulticiding) is the least effective mosquito control method. Close to 99.9% of sprayed chemicals goes off into the environment where they can have detrimental effects on public health and ecosystems, leaving 0.10% to actually hit the target pest. In addition, efforts to control the transmission of mosquito-borne diseases are encountering a big, though predictable, problem—mosquitoes are developing resistance to insecticides.

There are better ways to manage mosquito problems. Outbreaks of disease-carrying mosquitoes often result from habitat disturbance, such as deforestation,

impairing wetlands, and spraying insecticides. Restoring the health of ecosystems helps keep mosquitoes under control. Native minnows, for example, can provide effective control of mosquito larvae breeding in standing water. Where water cannot be emptied from containers, the bacterial larvicide *Bacillus thuringiensis israelensis* is a least-toxic option. A better mosquito management plan protects public health and the environment. Please tell our local and state health departments to abandon spraying and adopt a mosquito management plan that does not depend on toxic chemicals: [bp-dc.org/mosquito-mgmt](http://bp-dc.org/mosquito-mgmt)

Thanks you for your consideration of my concerns.

Sincerely,  
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