

SACRAMENTO-YOLO
MOSQUITO & VECTOR
CONTROL DISTRICT

OCTOBER 15, 2019

BOARD OF TRUSTEES
REGULAR MEETING

BOARD PACKET

10:00 A.M.

8631 Bond Road
Elk Grove, CA 95624

**SACRAMENTO/YOLO MOSQUITO
& VECTOR CONTROL DISTRICT
BOARD OF TRUSTEES REGULAR MEETING**

8631 Bond Road
Elk Grove, CA 95624

**AGENDA
October 15, 2019
10:00 AM**

In compliance with the Americans with Disability Act, if you are a disabled person and you need a disability-related modification or accommodation to participate in this meeting, please contact the District office at (916) 685-1022 or (916) 685-5464 (fax). Requests must be made as early as possible, and at least one-full business day before the start of the meeting. Documents and materials relating to an open session agenda item that are provided to the SYMVCD Board less than 72 hours prior to a regular meeting will be available for public inspection and copying at 8631 Bond Road, Elk Grove, Ca 95624. The documents will also be available on the agency's website at www.fightthebite.net.

CALL TO ORDER:

- **Roll Call**
 - **Pledge of Allegiance**
1. **Items for Approval by General Consent:**
 - a. **Minutes of the September 17, 2019 Board of Trustees Meeting**
 - b. **Expenditures for September 2019**
 - c. **Board Authorization to Grant a Leave of Absence for District Employee Pursuant to Section 6.05 (b) of the District Personnel Manual**
 2. **Opportunity for Public Comment**

This item is reserved for members of the public who wish to speak on items not on the agenda
 3. **Reports to the Board**
 - a. **Manager's Report**
 - b. **Reports from District Departments**
 - **Lab/Surveillance**
 - **Ecological Management**
 - **Biological Control**
 - **Larval and Adult Control**
 - **Public Outreach**
 4. **Board/Staff Reports and Requests**
 5. **Adjournment**

Sacramento-Yolo Mosquito and Vector Control District

October 15, 2019 Board Meeting

1. Items for Approval by General Consent:

- a. Minutes of the September 17, 2019 Board of Trustees Meeting;
- b. Expenditures for September 2019;
- c. Board Authorization to Grant a Leave of Absence for District Employee Pursuant to Section 6.05 (b) of the District Personnel Manual.

Recommendation:

Approve the Items by General Consent

**MINUTES OF THE SEPTEMBER 17, 2019
MEETING OF THE BOARD OF TRUSTEES OF THE
SACRAMENTO-YOLO MOSQUITO & VECTOR CONTROL DISTRICT**

PLACE: 8631 Bond Road, Elk Grove, CA 95624

TIME: 10:00 a.m.

TRUSTEES PRESENT:

Raymond LaTorre	President	Sacramento
Jayna Karpinski-Costa	Vice President	Citrus Heights
Craig Burnett	Secretary	Folsom
Christopher Barker		Davis
Raul DeAnda		West Sacramento
Sean Denny		Woodland
Bruce Eldridge		Yolo County
Lyndon Hawkins		Elk Grove
Gar House		Winters
Susan Maggy		Sacramento County
Robert McGarvey		Rancho Cordova
Rosemarie Moore		Isleton

TRUSTEES ABSENT:

Vacant	Galt
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LEGAL COUNSEL:

Joshua Horowitz

STAFF PRESENT:

Gary Goodman	Manager
Samer Elkashef	Assistant Manager
Janna McLeod	Administrative Manager
Marcia Reed	Laboratory Director
Marty Scholl	Ecological Management Supervisor
Steve Ramos	Program Coordinator
Tony Hedley	Fisheries Supervisor
Luz Robles	Public Information Officer

CALL TO ORDER

The meeting was called to order at 10:00 a.m. by President Raymond LaTorre.

Roll Call

All Trustees were in attendance at the meeting; therefore, a quorum was present. Trustee McGarvey arrived to the meeting at 10:03am.

Pledge of Allegiance

All phones and electronic devices are requested to be silenced during the meeting.

1. ITEMS FOR APPROVAL BY GENERAL CONSENT

On a motion by Trustee Burnett seconded by Trustee Denny, the Board voted to approve General Consent Items a. through d. The motion passed by the following vote: Ayes: 11, Noes: 0, Absent: 1

- a. Minutes of the August 20, 2019 Board of Trustees Meeting;
- b. Expenditures for August 2019;
- c. District Investment Report for Period Ending June 30, 2019;
- d. Annual Cooperative Agreement Between the California Department of Public Health and the Sacramento-Yolo Mosquito and Vector Control District.

2. OPPORTUNITY FOR PUBLIC COMMENT

This item is reserved for members of the public who wish to speak on items not on the agenda.

There were none.

3. REPORTS TO THE BOARD

a. Manager's Report:

The District's West Nile season is beginning to slow and our abundance and virus activity are lessening with the continued cooler weather. The District continues to follow the Mosquito Borne Disease Management Plan with enhanced surveillance and control efforts in response to positive dead birds or positive mosquito collections. The recent invasive species detection in Citrus Heights has shifted some of our resources to help address and understand the scope of the problem. The District hosted staff from EPA to discuss mosquito control issues as it pertains to labeling and product usage. Staff is putting together their abstracts for the AMCA and MVCAC meetings as we've been very busy this year with special projects. The District Audit took place last week and we will schedule their report for later in the year. As part of the District 5 Year Plan staff is preparing for a review to update the District Personnel Manual. The report following a security assessment that was conducted for the District has been received and will be reviewed for evaluation and possible implementation of recommendations to improve building security and employee safety.

b. Reports from District Departments: Written reports were provided in the Board packet from each department. Department supervisors gave an oral presentation and were available to answer any questions.

Lab/Surveillance: Laboratory Director, Marcia Reed discussed department activities including mosquito abundance, EVS surveillance, studies and collaborations. Abundance counts are starting to go down as fall approaches. The lab has tested 5491 mosquito samples and have found 112 positive with another 37 samples from the city of Davis that are being done by a UC Davis student. Two sentinel chickens are suspected to be positive but have not yet been confirmed. Of the 319 dead birds sampled and tested 36 were positive. The comparison study of BG Pro vs standard EVS Co2 traps has begun with 12 traps being set side by side on a weekly basis. Staff is working on their presentation abstracts for the upcoming annual conferences. Lab Technicians have been increasing surveillance in the 50 acre block where *Aedes aegypti* have been found in Citrus Heights.

Ecological Management: Ecological Management Supervisor, Marty Scholl discussed department activities including Stormwater/Drainages, Wetland Program, Pool Program, and the UAS Program. Staff is starting to receive ditch cleaning projects for fall and winter which will begin after irrigations have been completed for the season. Staff has calibrated the District UAS spray unit and will treat small areas where a liquid application is needed. Marty participated in the Agricultural Technology Panel at the InterDrone UAS Expo held earlier this month. Six backyard swimming pool warrants have been served with a total of 29 warrants served year to date. The Fall Flooding program is beginning and program guidelines have been mailed to property owners who have not yet provided updates on their flooding plans.

Biological Control: Fisheries Supervisor, Tony Hedley discussed department activities including fish plants and usage, the ongoing pond dye study, crayfish control challenges, solar aerators and dissolved oxygen levels, and regular maintenance tasks. Rice stocking is coming to an end and fall flooding and wetland planting preparations are beginning. Pond rehab will be taking place as well with designated ponds being drained after harvesting fish to move rock, patch holes, and remove loose debris. As days become shorter and nights become longer the aerators will be evaluated as longer nights cause more fluctuations in the oxygen levels. These fluctuations will allow us to better determine how well they are working. Crayfish control seems to be working as fish yields are improving.

Larval and Adult Control: Program Coordinator, Steve Ramos reported on department activity including rice acreage, abundance and WNV responses, and trial work. With the first detection of *Aedes aegypti* in Citrus Heights crews have been performing door to door and catch basin inspections and performing backyard treatments in the area as necessary. Larval samples are taken and are brought back to the lab for identification. Monitoring and responses are planned to continue in the area moving forward. In addition, Wide Area Larviciding Spray and ground adulticiding treatments have been performed in the neighborhood where *Aedes aegypti* positive traps have been found. Rice harvesting should begin in the next two to three weeks with wild rice fields being flooded before they cut it. Monitoring of catch basins continues with Sumilarv treatments being made for basins that are retaining heat despite lowering temperatures. Field evaluations of the MGK product Sumilarv 0.5G in dairy lagoons is ongoing with an evaluation of a WALs style application using a new spinosad based product from Clarke planned for September.

Public Outreach: Public Information Officer, Luz Robles reported on department activities including Advertising and Media, Outreach and Social Media, Events, District Tour and Repellent and Materials Distribution. A press release was issued the day that *Aedes aegypti* were found in Citrus Heights. Staff coordinated a media event in the area where the mosquitoes were detected including a live demonstration of adult mosquito control treatments in progress and we were able to show them the watering can where immature mosquitoes were initially found. Staff also had mosquito samples on hand for the media to look at while stressing the importance of reporting day biting mosquitoes and the potential public health risk this species can pose. The advertising campaign for 2019 is nearing the end with the last radio campaign running during the Labor Day holiday. The District hosted a tour for the Environmental Protection Agency on September 10th with each department talking about their programs providing attendees with a comprehensive understanding of how mosquito control is conducted.

4. REVIEW AND CONSIDERATION OF CALPERS VALUATION REPORT

Manager Goodman presented this item and was available to answer questions. This report, dated as of June 30, 2018 is used to set the rates for each contracted benefit formula for the 2020-2021 fiscal year. Manager Goodman discussed the required contributions for the employer normal cost and the annual Unfunded Accrued Liability (UAL) payment, as well as the plan's funded status and amortization schedule of the UAL. In March 2019 the District made a \$4 Million payment towards

the UAL and that payment is partially reflected in this valuation with the plan's funded status anticipated to improve when the payment is further reflected in the June 30, 2019 valuation next year. No Board action was taken on this item as it was for information only.

5. STATUS OF INVASIVE SPECIES DETECTION AND DISTRICT RESPONSE

Assistant Manager Samer Elkashef presented this item and was available to answer questions. Placer County notified the District of a detection of *Aedes aegypti* just 700 feet from our northern border in the city of Citrus Heights. Staff responded quickly mobilizing resources to the area. Surveillance and door to door inspections were and continue to be conducted to determine the spread of the infestation. Control operations responded to detections of breeding sites or flying adults. Samer reviewed maps of the area indicating locations where *Aedes* has been detected, surveillance trap locations, and resulting larval and/or adult treatments. No Board action was taken on this item as it was for information only.

6. BOARD REVIEW AND CONSIDERATION OF A STERILE INSECT TECHNIQUE PROGRAM

Manager Gary Goodman presented this item and was available to answer questions. Samer reviewed what the Sterile Insect Technique (SIT) is and how District staff believes this method of control would potentially work to combat the *Aedes aegypti* population that has been detected in Citrus Heights. There are a number of steps that would need to occur for an adoption of the program to take place before the season is over as outlined in the staff report. Staff recommended the Board authorize staff to work with Verily and MosquitoMate on an SIT program for the District. On a motion by Trustee Barker seconded by Trustee Maggy, the Board voted to authorize staff to work with Verily and MosquitoMate on a SIT program for the District. The motion passed by the following vote: Ayes: 10, Noes: 1, Absent: 0. All Trustees present voted Aye except Trustee Bruce Eldridge who cast the No vote.

7. CLOSED SESSION-CONFERENCE WITH LEGAL COUNSEL – THREATENED OR ANTICIPATED LITIGATION (GOV CODE s. 54956.9(d)(1), (d) (2)) – ONE (1) MATTER – UNFAIR LABOR PRACTICE CHARGE FILED WITH PUBLIC EMPLOYMENT RELATIONS BOARD BY OPERATING ENGINEERS LOCAL NO. 3

President LaTorre adjourned the Regular meeting to go in to Closed Session at 12:14pm. The Closed Session began at 12:18pm and adjourned at 12:30pm reporting out that no Board action was taken other than direction given to Staff. The Regular meeting was reopened at 12:31pm.

8. BOARD/STAFF REPORTS AND REQUESTS

The CalSurv bill has gone to the Governor's desk for approval. Manager Goodman sent a letter of support for the bill to the Governor yesterday.

Two Field Technicians have given notice that they are retiring at the end of September and November.

A request to continue an extended medical leave of absence for an employee out on Workers' Compensation will be brought to the Board at next month's meeting.

MVCAC Fall meeting will be held in Visalia on October 29th and 30th

The VCJPA is offering Harassment Awareness and Prevention training with a live session being held at Placer County Mosquito on October 22nd. Any Trustees interested in attending the live session instead of online can register for this training opportunity.

The District contract with VDCI for aerial adult control treatments is due to expire at the end of the year and staff is working with our other District partners as to how to proceed.

Manager Goodman’s contract may be reopened for negotiations prior to January 1, 2020 with Trustee Burnett, Trustee LaTorre, and Trustee Denny volunteering to participate on the Ad Hoc committee.

9. ADJOURNMENT

The meeting adjourned at 12:37 pm.

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I certify that the above minutes substantially reflect the general business and actions taken by the Board of Trustees at the September 17, 2019 meeting.

Gary Goodman, Manager

Approved as written and/or corrected by the Board of Trustees at the October 15, 2019 meeting.

Craig Burnett, Board Secretary

September 2019 Check Register
Activity From: 9/1/2019 to 9/30/2019
Sacramento Yolo MVCD (SYC)

Check Number	Check Date	Vendor Number	Name	Check
Bank Code: U US Bank				
053145	9/10/2019	0000006	Adapco Inc	325,873.08
053146	9/10/2019	0000014	Alhambra & Sierra Springs	427.20
053147	9/10/2019	0000018	ANDKO Building Maintenance Inc.	2,777.94
053148	9/10/2019	0000034	AutoZone Inc	887.26
053149	9/10/2019	0000039	Batteries Plus	3,035.30
053150	9/10/2019	0001011	Buckmaster Office Solutions	114.08
053151	9/10/2019	0001019	Cintas Corporation	884.24
053152	9/10/2019	0000117	City of Woodland	680.20
053153	9/10/2019	0000119	Clarke Mosquito Control Products Inc	129,735.51
053154	9/10/2019	0000126	Complete Welders Supply Inc	2,427.82
053155	9/10/2019	0000128	Consolidated Communications	2,562.00
053156	9/10/2019	0000148	Darwin Chambers Company	327.62
053157	9/10/2019	0000162	Department of Toxic Substances Control	300.00
053158	9/10/2019	0000182	Elk Grove Ford	16.16
053159	9/10/2019	0000186	Elk Grove Water District	713.94
053160	9/10/2019	0000198	Factory Motor Parts Co	7.35
053161	9/10/2019	0000199	Farm Air Flying Service	79,071.45
053162	9/10/2019	0000200	Fastenal Company	79.46
053163	9/10/2019	0000202	Ferrellgas	22.12
053164	9/10/2019	0000240	Hunt & Sons Inc	11,623.15
053165	9/10/2019	0000286	Leading Edge Aerial Technologies Inc.	14,400.00
053166	9/10/2019	0000293	Life Technologies Corporation	598.92
053167	9/10/2019	0000497	Magnegas Welding Supply - West	84.75
053168	9/10/2019	0000356	OReilly Automotive Stores Inc	935.62
053169	9/10/2019	0000367	PG & E	254.18
053170	9/10/2019	0000370	Pitney Bowes	292.13
053171	9/10/2019	0000388	Republic Services #922	91.79
053172	9/10/2019	0001012	Riebes Auto Parts	504.09
053173	9/10/2019	0000451	SMUD	4,780.61
053174	9/10/2019	0000937	Staples Business Advantage	571.13
053175	9/10/2019	0001234	T-Mobile	267.97
053176	9/10/2019	0000475	Target Specialty Products	1,139.78
053177	9/10/2019	0000486	The Tire Rack	2,194.18
053178	9/10/2019	0000496	TRI-C Manufacturing Inc	222.50
053179	9/10/2019	0000500	United Parcel Service	101.30
053180	9/10/2019	0000505	US Bank Equipment Finance	102.36
053181	9/10/2019	0000516	Valley Truck & Tractor Co	424.39
053182	9/10/2019	0000518	Vector Disease Control International	50,000.00
053183	9/10/2019	0000522	Verizon Wireless	2,619.38
053184	9/10/2019	0000526	VWR International Inc	44.67
053185	9/10/2019	0000529	Waste Management	162.08
053186	9/13/2019	0000267	Kaiser Foundation Health Plan	21,718.50
053187	9/13/2019	0000267	Kaiser Foundation Health Plan	1,447.90
053188	9/13/2019	0000267	Kaiser Foundation Health Plan	2,895.80
053189	9/13/2019	0000267	Kaiser Foundation Health Plan	18,636.27
053190	9/13/2019	0000957	Sutter Health Plus	8,031.36
053191	9/13/2019	0000531	Western Health Advantage	5,834.95

053192	9/13/2019	0000531	Western Health Advantage	4,005.47	
053193	9/25/2019	0000006	Adapco Inc	251,679.66	
053194	9/25/2019	0000038	Bartkiewicz Kronick & Shanahan	2,829.19	
053195	9/25/2019	0000039	Batteries Plus	1,299.69	
053196	9/25/2019	0001011	Buckmaster Office Solutions	114.08	
053197	9/25/2019	0000119	Clarke Mosquito Control Products Inc	111,185.14	
053198	9/25/2019	0000126	Complete Welders Supply Inc	1,846.49	
053199	9/25/2019	0001037	Elite Supply Source	1,018.24	
053200	9/25/2019	0000181	Elk Grove Dodge	120.08	
053201	9/25/2019	0000198	Factory Motor Parts Co	448.82	
053202	9/25/2019	0000958	GreatAmerica Financial Services	477.82	
053203	9/25/2019	0001233	Grow West	112.86	
053204	9/25/2019	0000240	Hunt & Sons Inc	11,537.13	
053205	9/25/2019	0001041	MacLeod Watts, Inc.	1,000.00	
053206	9/25/2019	0000306	Maita Chevrolet	251.90	
053207	9/25/2019	0000367	PG & E	989.62	
053208	9/25/2019	0001270	Rubicon Global, LLC	192.56	
053209	9/25/2019	0000427	Safety Kleen Corp	255.17	
053210	9/25/2019	0000441	SeraCare Life Sciences Inc	259.85	
053211	9/25/2019	0000454	Spark Creative Design	2,701.63	
053212	9/25/2019	0000461	Stericycle Inc	77.20	
053213	9/25/2019	0000475	Target Specialty Products	111,245.62	
053214	9/25/2019	0000480	The Grid Agency	7,300.00	
053215	9/25/2019	0000502	Univar Inc	74,217.00	
053216	9/25/2019	0000515	Valley Tire Center	20.00	
053217	9/25/2019	0000516	Valley Truck & Tractor Co	560.26	
053218	9/25/2019	0000534	Wiley Price & Radulovich	3,074.00	
053219	9/30/2019	0000043	Benefit Coordinators Corporation	3,297.78	
053220	9/30/2019	0000084	CA State Disbursement Unit	350.00	
053221	9/30/2019	0000339	Nationwide Retirement Solutions	1,300.00	
053222	9/30/2019	0000339	Nationwide Retirement Solutions	3,975.00	
053223	9/30/2019	0001035	Operating Engineers Local Union No. 3	1,197.00	
053224	9/30/2019	0000357	P & A Administrative Services Inc	126.00	
053225	9/30/2019	0000373	Preferred Benefit Ins Administrators	8,510.60	
W00105	9/30/2019	0000086	CalPERS 457 Plan	20,506.17	
W00106	9/30/2019	0000087	CalPERS Financial Reporting & Accounting	78,141.98	
W00107	9/30/2019	0000176	EDD	17,323.46	
W00108	9/30/2019	0000561	United States Treasury	66,069.43	
				Bank U Total:	<u>1,489,539.39</u>
				Report Total:	<u><u>1,489,539.39</u></u>

I hereby authorize the use of my signature plate on
the above-listed warrants, 053145-053225, and EFTs W00105-W00108

Signature

Date

Raymond LaTorre, President of the Board

S.Y.M.V.C.D
 FY 2019-2020 Budget Update
 September 2019

Account #	Account Description	3 Months Ended September 30, 2019	FY 19-20 Annual Budget	Unused
4000	REVENUE	\$ -	\$ -	\$ -
5000	SALARIES/BENEFITS/WC	\$ 3,165,061.00	\$ 8,579,233.79	\$ 5,414,172.79
5200	OPERATIONAL	\$ 3,067,780.00	\$ 6,190,059.00	\$ 3,122,279.00
5210	LIABILITY INSURANCE	\$ 140,854.00	\$ 150,854.00	\$ 10,000.00
5250	AUDITING/FISCAL	\$ -	\$ 17,750.00	\$ 17,750.00
5270	COMMUNICATIONS	\$ 14,066.00	\$ 79,500.00	\$ 65,434.00
5310	PUBLIC INFORMATION	\$ 22,176.00	\$ 465,500.00	\$ 443,324.00
5340	STRUCTURE & GROUNDS	\$ 11,692.00	\$ 65,000.00	\$ 53,308.00
5370	MEMBER/TRAINING	\$ 26,949.00	\$ 113,000.00	\$ 86,051.00
5390	DISTRICT OFFICE EXPENSES	\$ 1,133.00	\$ 15,000.00	\$ 13,867.00
5430	PROFESSIONAL SERVICES	\$ 26,541.00	\$ 198,250.00	\$ 171,709.00
5440	MATERIALS & SUPPLIES	\$ 1,949.00	\$ 10,000.00	\$ 8,051.00
5450	RENTS & LEASES	\$ 2,604.00	\$ 11,550.00	\$ 8,946.00
5470	SAFETY PROGRAM	\$ 170.00	\$ 5,000.00	\$ 4,830.00
5480	UTILITIES	\$ 18,612.00	\$ 110,000.00	\$ 91,388.00
6120	AIRCRAFT SERVICES	\$ 415,324.00	\$ 945,500.00	\$ 530,176.00
6140	ECOLOGICAL MANAGEMENT	\$ 1,122.00	\$ 15,200.00	\$ 14,078.00
6160	MICROBIAL	\$ 875,297.00	\$ 1,500,000.00	\$ 624,703.00
6170	BIORATIONALS	\$ 622,939.00	\$ 950,000.00	\$ 327,061.00
6180	INSECTICIDES	\$ 727,672.00	\$ 1,000,000.00	\$ 272,328.00
6220	FISHERIES	\$ 5,152.00	\$ 27,000.00	\$ 21,848.00
6280	GEOGRAPHIC INFO SYSTEMS	\$ 725.00	\$ 7,125.00	\$ 6,400.00
6320	INFORMATION TECHNOLOGY	\$ 10,785.00	\$ 48,200.00	\$ 37,415.00
6350	CONTROL OPERATIONS	\$ 6,142.00	\$ 32,430.00	\$ 26,288.00
6370	SHOP	\$ 28,032.00	\$ 88,000.00	\$ 59,968.00
6420	LAB SERVICES	\$ 58,555.00	\$ 163,200.00	\$ 104,645.00
6450	GAS & PETROLEUM	\$ 49,289.00	\$ 172,000.00	\$ 122,711.00
7000	CAPITAL ACCOUNTS	\$ -	\$ 573,049.00	\$ 573,049.00
7011/1510	Capital Outlay/Construction In Progress	\$ -	\$ 136,049.00	\$ 136,049.00
7030	Research Fund	\$ -	\$ 50,000.00	\$ 50,000.00
7035	Building Improvement	\$ -	\$ 387,000.00	\$ 387,000.00
	TOTALS			
	Salaries/Benefits	\$ 3,165,061.00	\$ 8,579,233.79	\$ 5,414,172.79
	Operational	\$ 3,067,780.00	\$ 6,190,059.00	\$ 3,122,279.00
	Capital Accounts	\$ -	\$ 573,049.00	\$ 573,049.00
	Total Budget	\$ 6,232,841.00	\$ 15,342,341.79	\$ 9,109,500.79

1. Items for Approval by General Consent:

- c. Board Authorization to Grant a Leave of Absence for District Employee Pursuant to Section 6.05 (b) of the District Personnel Manual

Staff Report

The District has had an employee out on Workers' Compensation medical leave due to an injury that occurred on March 21, 2019. Workers' Compensation and FMLA/CFRA run concurrently and the FMLA/CFRA leave expired June 13, 2019. Per the Workers' Compensation Nurse Case Manager the employee is continuing to receive treatment for his injury. The employee is requesting additional time to receive said treatment and to be evaluated afterwards to determine if and when he may be able to return to work whether it be modified or full duty. Pursuant to section 6.05 (b) of the District Personnel Manual, "A leave of absence over thirty (30) days requires the prior approval of the Board."

The employee has exhausted all of his leave banks therefore the employee will be on unpaid status; however, he is receiving Workers' Compensation benefits.

Recommendation: Approve an extension of the Medical Leave of Absence for Henry Estrada through December 17, 2019.

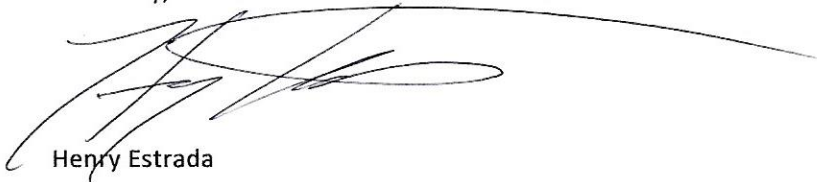
Henry Estrada
2542 Legacy Way
Lodi, CA. 95242
October 2, 2019

Gary Goodman
Manager
Sacramento-Yolo Mosquito and Vector Control District
8631 Bond Road
Elk Grove, CA. 95624

Dear Gary Goodman:

Due to my work injury on 3/21/19, I am continuing to receive treatment and my next appointments are scheduled for October 10, and November 1, 2019. Per the note provided by the Workers' Comp Carrier Nurse Case Manager I am requesting an extension of my medical leave through December 17, 2019 to continue the planned treatment and evaluation.

Sincerely,



Henry Estrada



Janna McLeod <jmcleod@fightthebite.net>

Henry Estrada claim # VE190000060

1 message

Kim Silas <KSilas@aims4claims.com>
To: Janna McLeod <jmcleod@fightthebite.net>

Wed, Oct 2, 2019 at 1:49 PM

Hi Janna,

Mr. Estrada is scheduled for a procedure on 10/10/2019 and Dr. Armstrong will want to assess for effectiveness of this procedure before addressing RTW full duty. Mr Estrada has been released to work modified duty but employer unable to accommodate at this time.

Per guidelines full RTW in a heavy job class with this type of injury is anticipated in 59 days or 11/14/2019. We will have doctor address trial RTW full duty after the procedure.

Kim Silas

Workers' Compensation Claims Manager

Acclamation Insurance Management Services

916-563-1900 ext 2222



Sacramento-Yolo Mosquito and Vector Control District

October 15, 2019 Board Meeting

3. Reports to the Board

a. Manager's Report

b. Reports from District Departments

- **Lab/Surveillance (Marcia Reed)**
- **Ecological Management (Marty Scholl)**
- **Biological Control (Tony Hedley)**
- **Larval and Adult Control (Steve Ramos)**
- **Public Outreach (Luz Maria Robles)**

a. Manager's Report

The District's West Nile season is almost over. We typically only see a few positives throughout October and then will cease testing operations over the winter. Staff is following the Mosquito Borne Disease Management Plan to help respond to the remaining positive locations. We are continuing to address the invasive species in Citrus Heights and plan surveillance and treatments accordingly.

The MVCAC sponsored AB 320, the CalSurv Gateway bill, was signed by the Governor on October 2nd. The next step for the association will be to try and secure long term funding.

We received a letter (attached) from the Yolo County Department of Financial Services. The dissolution of the redevelopment agencies and the subsequent modifying of tax payments created new disbursements to the remaining entities. The letter highlights that Yolo County may have miscalculated the base and that the District may have received more money than we should have. They are investigating the specific impact and their plan to remedy the situation.

The District auditors have completed the full audit and will present their findings to the Board at the November meeting.

The District is working with our benefit broker, Alliant, on open enrollment prices.

b. Reports from District Departments

- **Lab/Surveillance (Marcia Reed)**
- **Ecological Management (Marty Scholl)**
- **Biological Control (Tony Hedley)**
- **Larval and Adult Control (Samer Elkashef)**
- **Public Outreach (Luz Maria Robles)**



County of Yolo

www.yolocounty.org

CHAD RINDE, CPA
Chief Financial Officer
TOM HAYNES
Assistant Chief Financial Officer

DEPARTMENT OF FINANCIAL SERVICES

625 Court Street, Room 102

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- Financial Leadership
- Budget & Financial Planning
- Treasury & Finance
- Tax & Revenue Collection
- Financial Systems Oversight
- Accounting & Financial Reporting
- Internal Audit
- Procurement

September 30, 2019

Sacramento-Yolo Mosquito & Vector Control District

Attn: Gary W. Goodman, Manager

8631 Bond Road,

Elk Grove, CA 95624

gwgoodman@fightthebite.net

Via U.S. Mail and E-mail

RE: Calculation errors in the Distribution of AB1290 Pass-through from the RPTTF

Dear Gary W. Goodman:

The County Auditor-Controller (part of my role as County Chief Financial Officer) is responsible for the correct and fair distribution of property taxes. As part of this role, the Auditor-Controller, after dissolution of Redevelopment Agencies, became responsible for the calculation and distribution of the taxes, contractual and statutory pass-through calculations associated with the Redevelopment Property Tax Trust Fund (RPTTF). This responsibility began with the 2011-2012 fiscal year in which an RPTTF was set up for each of the four former redevelopment agencies of the cities of Davis, West Sacramento, Winters, and Woodland.

Statutory Pass-through payments include two types of pass-through: a two percent pass-through and an AB1290 pass-through to taxing entities. In May 2019, the Yolo County Office of Education provided information that the County may have an error in the calculation of the AB1290 pass through due to an inadvertent approach that only made a partial shift of AB1290 pass-through to the Educational Revenue Augmentation Fund (ERAF). The error stems back to the County using pre-ERAF factors in the AB1290 calculation prior to 2016-17 in the RPTTF and then in 2016-17 adopting a calculation contained in the Auditor-Controller's Property Tax Manual which did not contain shifts to ERAF for those jurisdictions with contractual pass-through arrangements. However, case law demonstrates that tax treatment of the AB1290 should be consistent with the broader ERAF tax treatment as to ERAF shift. *See Los Angeles Unified School District v. County of Los Angeles*, 181 Cal. App. 4th 414 (2010) ("LAUSD contends that because it undeniably receives ERAF revenue that is allocated as property taxes to the ERAF under subdivision (d)(5), it must be included in the calculation of its percentage share of property taxes, which will necessarily increase its future pass-through allocations. We agree."); *Los Angeles Unified School District v. County of Los Angeles*, 217 Cal. App 4th 597 (2013) ("The relevant property tax allocation statutes and the California Supreme Court's analysis of the Triple Flip and VLF Swap

legislation ... support LAUSD's contention that its share of the diverted ERAF revenue must be included in the calculation of its property tax allocation base, which will result in a corresponding increase in its share of pass-through payments under Health and Safety Code section 33607.5.”).

After a time consuming and detailed review of the purported error with County staff, County Counsel and peer counties, I have determined that my office in fact made certain errors in the calculations going back to the initial 2011-12 fiscal year and through successive years up until 2018-19. The County has agreed with the Yolo County Office of Education to fix the error prospectively in 2019-20 while calculating the financial impacts of the past calculation errors for each RPTTF as to each of the affected taxing entities. Any amounts that were underpaid in AB1290 would have resulted in improper amounts being paid out either to the Successor Agency for paying Recognized Obligations or for Residual Distributions to taxing entities depending on the financial condition of the RPTTF in each particular fiscal year.

At this point, my office will complete our calculation of the errors in the pass-through distribution for each RPTTF project fund and the impact to each affected taxing entity during October, 2019. We plan to share that detail with affected taxing entities in early November, 2019, with the dollar amounts that will require correction and the timeline that my office intends to use to implement those corrections.

Should you have a desire to speak to me regarding this matter prior to finalization of the dollar impacts, please contact me directly at (530) 666-8050 or at chad.rinde@yolocounty.org.

Sincerely,

A handwritten signature in blue ink, appearing to read "Chad Rinde".

Chad Rinde, CPA
Chief Financial Officer

LABORATORY Monthly Report for October 2019 Board Meeting

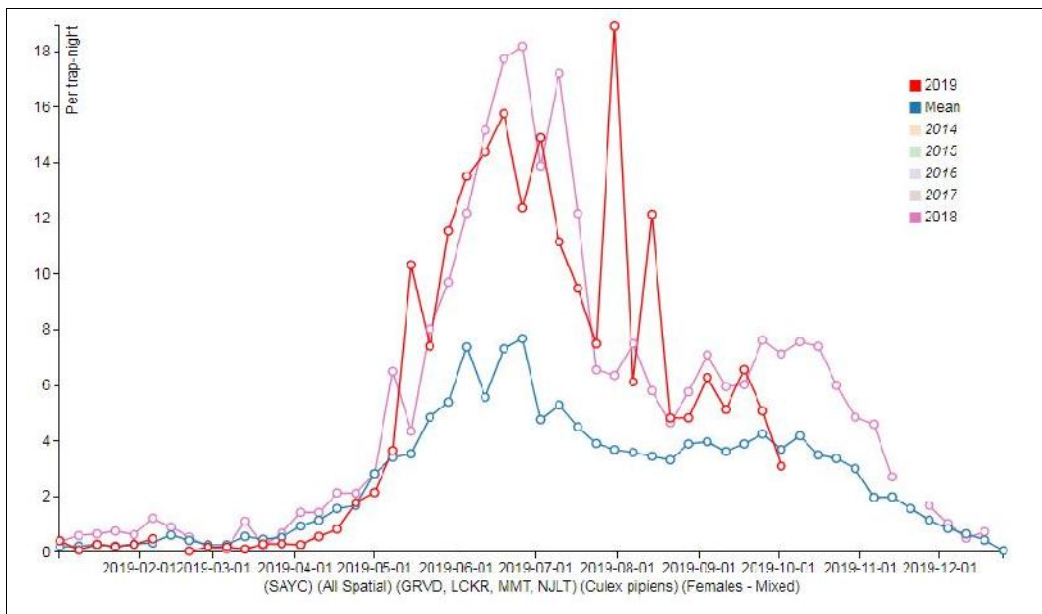
Insectary:

Colonies maintained: *Culex tarsalis* Kern National Wildlife (susceptible)
Culex tarsalis Conaway Ranch – wild (resistant)
Culex quinquefasciatus Cq1 (susceptible)
Culex pipiens Woodland (resistant)
Culisita incidens wild - Sacramento County
Aedes sierrensis wild - Marin - Sonoma County (in egg form)

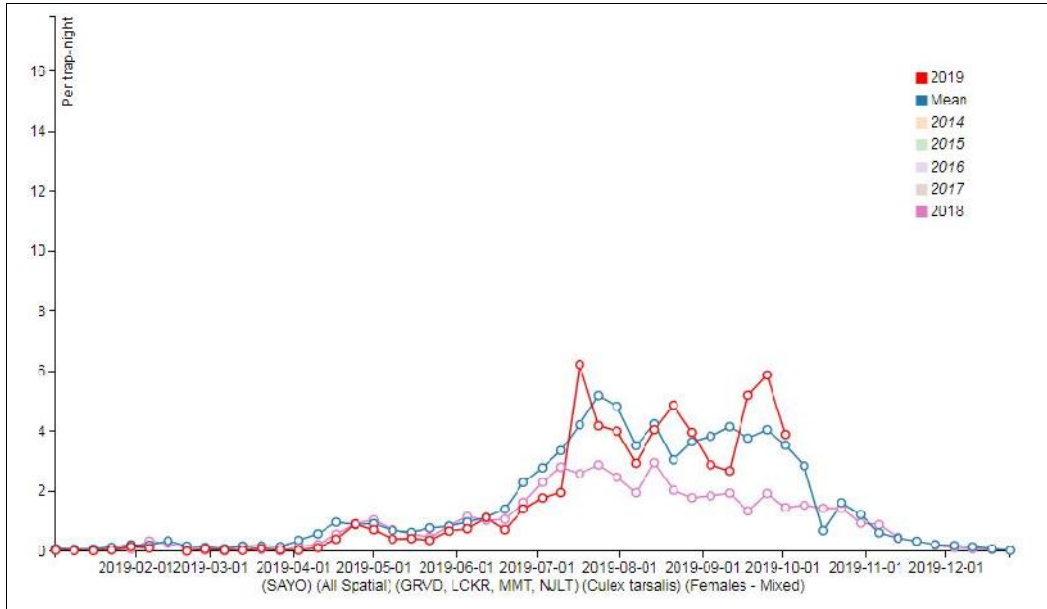
Surveillance:

- **Weekly collections** – New Jersey Light traps (NJLTs), Locker CO₂ Traps (LCKRs) and Gravid traps (GTs) results are presented in the graphs below. Abundance is decreasing as expected. We are planning on constructing more locker traps this winter and plan to have a locker trap deployed at all of our weekly abundance sites next year. When this occurs we will end the use of New Jersey light traps as a surveillance tool. These light traps have been used for many years, but the labor required to sort and identify mosquitoes captured is excessive.

Culex pipiens in abundance traps (NJLT, LCKR, GT):

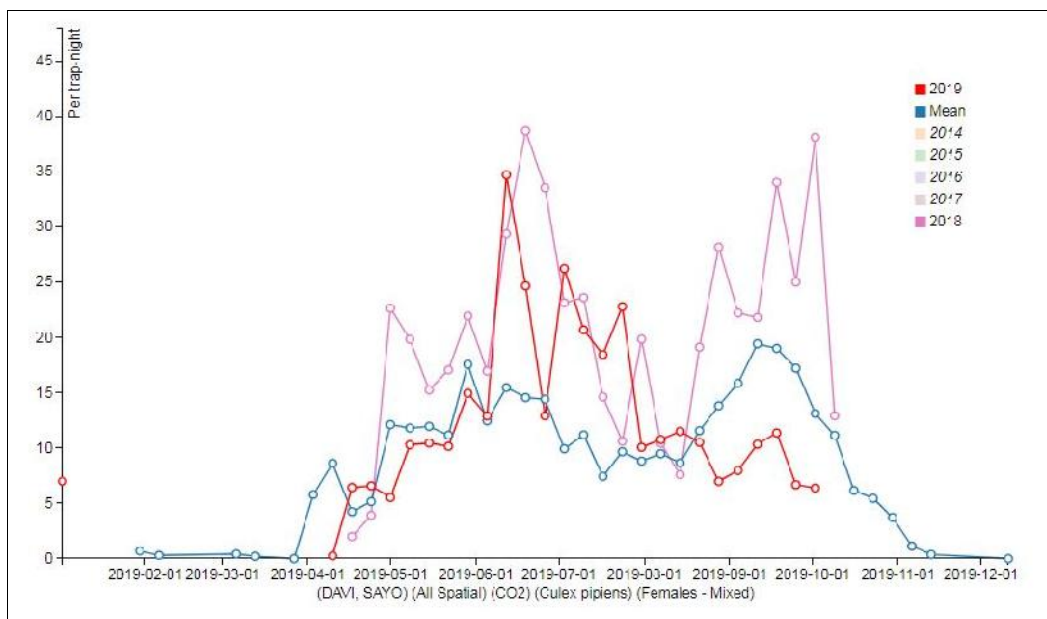


Culex tarsalis in abundance traps (NJLT, LCKR, GT):

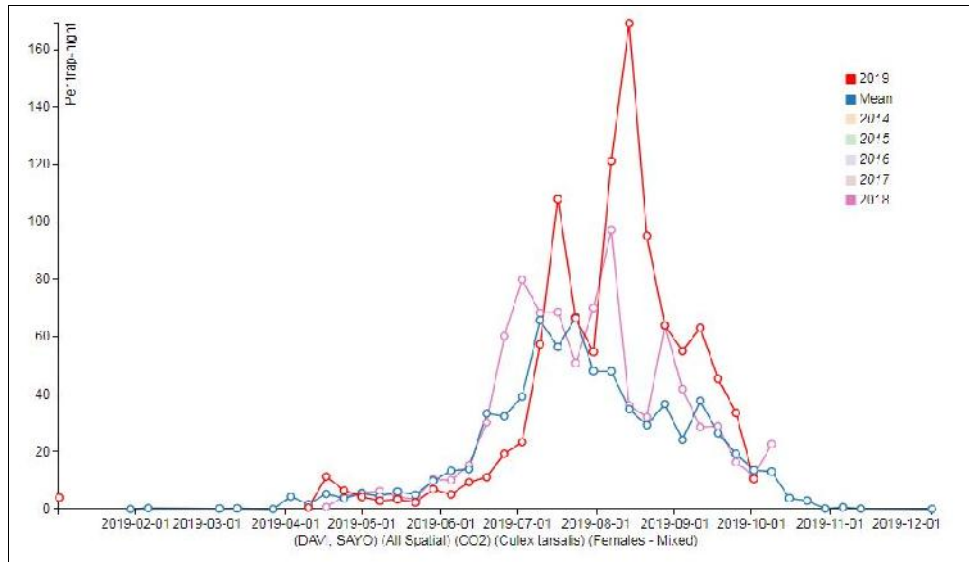


Encephalitis virus surveillance (EVS) – Mosquitoes – EVS trapping with CO₂ baited and Gravid traps is continuing. We have currently tested 6414 mosquito pools (samples) and have found 132 to be positive. 73 positive pools are from Sacramento County and 59 are from Yolo County. In addition, trapping being done by a UC Davis yielded 49 additional pools from the City of Davis. Response trapping was conducted around positive sites.

Culex pipiens in CO₂ traps:



Culex tarsalis in CO₂ traps:



Encephalitis virus surveillance (EVS) – Sentinel Chickens – We have had two positive chickens this season confirmed, the first is from the Gibson Ranch flock in Sacramento County, and the second is from the Knight’s Landing flock in Yolo County. We have also had two more chickens test positive from the Gibson Ranch flock, they are presumptive positives until we received confirmatory results from the State.

Encephalitis virus surveillance (EVS) – Dead Birds – We have tested 374 dead bird samples and found 51 positives, 7 dead birds were from Yolo County and 44 were from Sacramento County.

Exotic/Invasive Species Surveillance – We are responding to the *Aedes aegypti* mosquitoes found in Citrus Heights with increased surveillance utilizing BG Sentinel traps. We are baiting the traps with the BG-Lure and CO₂ to attract female mosquitoes. We have found *Aedes aegypti* mosquitoes in three areas in Citrus heights, one centered around Twin Oaks Avenue just below the Sacramento County line, the second is on the west side I-80, just north of Antelope Rd, and the third, just identified area is on the east side of I-80 just north of Antelope Rd. We plan on continuing some level of surveillance all winter and are currently identifying sites where we can have BG Sentinel traps place permanently.

Tick and Lyme disease surveillance – Weather permitting, we will be starting our tick surveillance this month.

Mosquito Resistance Testing – We are working on analyzing and summarizing our results from this season.

Non-WNV Disease Response Surveillance – In the month of September, we were notified of one imported malaria case as well as two imported dengue cases. We have responded with the appropriate traps. We did not find any *Anopheles spp.* near the malaria case and no invasive *Aedes spp.* near the dengue cases.

District Studies –

LVL (Low Volume Larvicide) studies – We have completed our Vectobac WDG WALs study for the season and are working on summarizing our findings of its effectiveness. We are using this technique in Citrus Heights against *Aedes aegypti*.

Adulticide Product Trials – We are working on writing up the results of our numerous trials this season and look forward to sharing the results when the analysis is completed.

Collaborations –

Catch Basin Residue and Resistance study – We have performed three sampling events and sent catch basin water and sediment samples to Dr. Gan at UC Riverside for analysis. The basins sampled were in the Woodland and Elk Grove areas. We have performed bottle bioassays on mosquitoes captured during the first round of sampling. Dr. Gan's lab is currently performing analysis on the water samples we have submitted.

Biogents Pro trap – We have begun a trap comparison study pairing the BG Pro CO₂ traps with our standard EVS CO₂ can trap. We are setting the traps weekly and comparing trap counts. We added a few nights trapping in our invasive *Aedes* locations and compared the regular BG Sentinel with the BG-Pro both baited with CO₂ and BG-lure.

Sugar Bait Project – We are continuing to deploy sugar wicks to the field in the areas where West Nile virus has been detected. We are also continuing to optimize our testing protocols. We have deployed and tested over 600 wicks up to this point and have detected virus in 49 sugar wicks samples. We will be planning this winter how to utilize this new surveillance tool next season.

PipPop Project - We have concluded our collection of specimens of potential populations of *Culex pipiens f. molestus*. We will be submitting samples to a researcher at Princeton University for genetic analysis. We are maintaining a colony of these mosquitoes currently.

California Arbovirus Surveillance Bulletin #27 Week 40: Friday, Oct 4, 2019

2018 & 2019 YTD West Nile Virus Comparisons		
	2018	2019
Total # Dead Bird Reports	7,020	4,787
# Positive Counties	38	33
# Human Cases	118	128
# Positive Dead Birds / # Tested	478 / 1,875	186 / 1,520
# Positive Mosquito Pools / # Tested	1,939 / 38,786	3,206 / 39,493
# Seroconversions / # Tested	141 / 8,520	119 / 7,652

YTD WNV Activity by Element and County, 2019					
County	Humans	Horses	Dead Birds	Mosquito Pools	Sentinel Chickens
Amador	1				
Butte	5			44	33
Colusa					6
Contra Costa			1		1
Fresno	45	2	10	493	
Glenn				1	1
Imperial	3			2	
Kern	15	2	2	128	
Kings				63	
Lake				6	
Los Angeles	8		36	77	16
Madera	1	2		85	
Merced	3	1	3	48	16
Orange	1		38	167	
Placer			3	52	8
Riverside	8	1	2	517	
Sacramento	1	1	43	74	1
San Benito					1
San Bernardino	5	1	4	47	
San Diego	2		1		
San Joaquin	4	1	5	284	
San Luis Obispo	1				
Santa Clara			5		
Shasta				3	
Solano	1			5	4
Stanislaus	10	2	4	200	
Sutter				15	11
Tehama					4
Tulare	13		17	813	10
Tuolumne			1		
Ventura	1	1	1	1	1
Yolo			7	59	1
Yuba			3	22	5
Totals	128	14	186	3,206	119

ECOLOGICAL MANAGEMENT DEPARTMENT Monthly Report for the October 2019 Board Meeting

Storm Water / Drainages Program

Staff attended the Sacramento Stormwater Quality Partnership Permittee Quarterly Meeting held at the City of Sacramento's utility Department to discuss trash capture devices and the impacts to mosquito control. Each city within Sacramento County was in attendance and offered to help the District with trash capture and other Low Impact Development (LID) device locations within each jurisdiction.

UAS Program

Staff has been working to calibrate the District's UAS application unit for granular applications utilizing aerial imagery coupled with ground cameras to determine granular swath widths over the District ponds. Staff completed their first granular application with the District's UAS over a flooded pasture in Hood, Ca. Staff will continue to work through application software challenges, charging solutions, and re-filling techniques.



Pool / Aedes Access Enforcement Program

Staff has been involved with inspections as well as enforcement activities associated with the recent *Aedes aegypti* detections in Northern Sacramento County. Staff has worked with the District's attorney to write a blanket warrant that encompasses the areas with *Aedes aegypti* detections. This Warrant, if approved, will be the first blanket Warrant that the District has received and will allow for *Aedes aegypti* inspections through the month of December 2019.

Wetland Program

Fall Flooding: Staff has been working with all wetland and habitat property owners in both Counties to coordinate fall flooding and any treatments made to their properties. Leading Edge Aerial Technologies has treated some of the properties to augment airplane orders.

BIOLOGICAL CONTROL
Monthly Report for October 2019 Board Meeting

The District stocked a total 71.46 lbs. of mosquitofish in the month of September, with 54 lbs. stocked in wetlands by the Fisheries department. During an average season, we see over two thousand acres of wetlands and duck club requests for mosquitofish. Our treatment goal is to have a stocking rate of greater than one quarter pound per acre with an estimated fall stocking total of 500-1000 pounds of mosquitofish available. The majority of Sacramento and Yolo wetlands are located within 2 miles of dense populations such as Davis, West Sacramento and the Pocket.

The Fisheries department also continued to gather weekly data for all of our ongoing projects including traditional fertilization techniques, crayfish control and the use of solar aerators to maintain dissolved oxygen levels. Daily activities such as medical treatments and tank cleaning were also performed to maintain the high quality of our fish population.

Log of Treatment Applied

<u>Material</u>	<u>AMT</u>	<u>Area Treated</u>	<u>Rate</u>	<u>Treatments</u>
Mosquitofish	71.46 lbs.	108.93 Acres	.22lb/acre	144

Fish Plants by Crew

Fisheries-54 lbs., North Sac-8.38 lbs, South Sac-1.8lbs, Yolo-7.285 lbs.

Fisheries Budget

<u>Total</u>	<u>Spent</u>	<u>Remaining</u>	<u>% Spent</u>
27,000.00	5,192.83	21807.17	19%

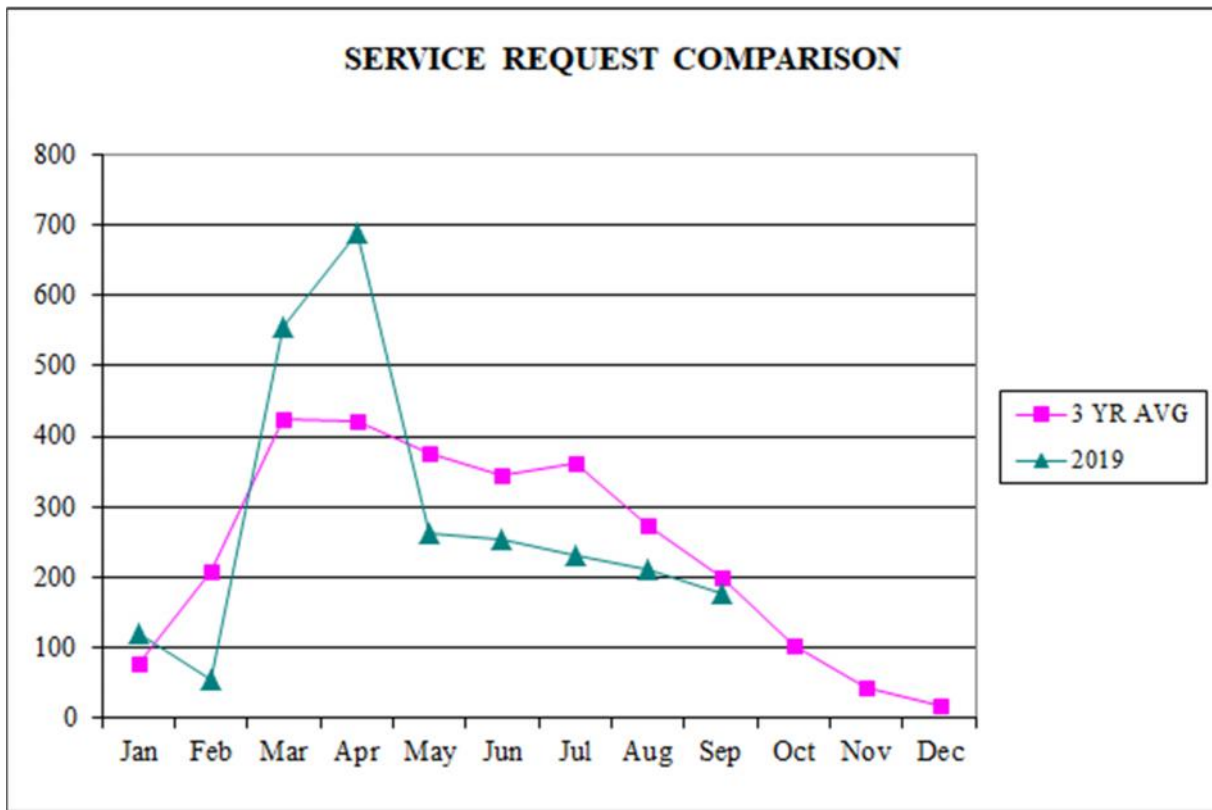


Example of a typical wetland in the beginnings of the flood up. Many wetlands flood up slowly and become difficult to control with single brood pesticides. Mosquitofish will move with the water and help control mosquito larvae as they move making them a good inexpensive control option.

CONTROL OPERATIONS Monthly Report for October 2019 Board Meeting

September saw a decrease in applications over rice fields as growers in both counties began to drain their fields to prepare for harvest. West Nile virus (WNV) activity slowed in both Sacramento and Yolo counties in the later part of September with the District still responding with ground and aerial responses in those affected areas. BG Sentinel traps were removed from the rice growing areas at the end of September and the first week of October as overnight adult mosquito counts dropped significantly. The aerial larviciding program has begun transitioning to treatments for fall flooding of duck ponds.

In the City of Citrus Heights, field crews have continued with door to door inspections and in those areas with *Aedes aegypti* detections. Early morning truck mounted larviciding and adulticiding continue in those areas as well.



* based on MapVision and Tableau data

Larvicide Applications thru September 30th				
<u>Locations/Roles</u>	<u>2019</u>		<u>2018</u>	
	<u>Treatments</u>	<u>Acres</u>	<u>Treatments</u>	<u>Acres</u>
Sacramento County	5,894	13,932	7,357	7,674
Sac County Aerial	24 Orders, 487 Sources-	21,533	23 orders, 358sources	25,510
Yolo County	2,181	8,343	1,989	8,834
Yolo County Aerial	57 Orders, 899 Sources	87,803	73 orders, 1120sources	146,502
CB Treated	171,528	--	180,822	--
CB Inspected -not treated	146,736	--	114,902	--

Aerial Adulticide Summary thru September 30th				
<u>County</u>	<u>2019</u>		<u>2018</u>	
	<u># Applications</u>	<u>Acres</u>	<u># Applications</u>	<u>Acres</u>
Sacramento Ag	14	94,941	20	88,917
Sacramento Urban	0	0	6	83,286
Yolo Ag	69	470,826	73	459,636
Yolo Urban	0	0	0	0
Totals		565,767		631,839

VDCI Summary through September 30th, 2019

compared to: 2018

Contract Acres (our portion) =	530,000	530,000
Acres used =	565,767	631,839
Acres remaining =	0	(101,839)
% Acres used =	107%	119.2%
% Acres remaining =	0%	0%

San Joaquin MVCD has used 144,445 acres of their 190,000 acre commitment.

Placer MVCD has used 63,102 acres of their 100,000 acre commitment.

Turlock MAD has used 149,026 acres of their 180,000 acre commitment.

**PUBLIC INFORMATION AND EDUCATION
Monthly Report for October 2019 Board Meeting**

Invasive Mosquitoes Public Outreach

Since the recent detection of invasive Aedes mosquitoes, we have increased our outreach to Citrus Heights residents to ensure they are receiving information about these mosquitoes and how to protect themselves. A postcard that emphasized the need to report day biting mosquitoes to the District was mailed out to residents in the affected area. The postcard was in addition to the door hangers that were used during door to door inspections conducted by field staff. Invasive mosquito brochures are also being distributed by staff as they visit homes and engage with residents. The Citrus Heights Sentinel published an article regarding the recent detection of invasive mosquitoes. We are also reaching out to Neighborhood Associations and other community service groups to set up presentations and distribute materials.

Advertising Campaign

Since the advertising campaign has come to an end, we are currently evaluating the 2019 advertising buy with our consultant Luken Benjamin. In addition, we are meeting with advertising representatives from various television and radio stations to review the campaign and begin discussing ideas for next year.

Events

We ended the season by attending 2 large community events during the month of October. One of the events was the Folsom Family Expo which is a large indoor event that attracts approximately 5,000 people. The event was well organized and many of the attendees were from a variety of ethnic backgrounds which gave us the opportunity to speak to a diverse group of people. We also spent two days at the Giant Pumpkin Festival in Elk Grove. This is a very large community event that draws huge crowds and is one of our most successful events. While many of the attendees already knew about our District we still answered many questions about invasive mosquitoes and West Nile virus activity detected in Elk Grove throughout the season.

Social Media

Our social media efforts continue and to date we have 11,237 followers on Facebook. Content is focused on information regarding invasive mosquitoes as well as our ongoing Culex and West Nile virus prevention programs. Targeted Facebook ads are currently being utilized to reach out to Citrus Heights residents with information on invasive mosquitoes.

Presentations:

School presentations and tours are currently being scheduled for upcoming months to promote the 2020 Fight the Bite contest.

Repellent and Materials Distribution:

We continue to receive requests for materials and repellent from community organization. Most recently we donated items to a 5K run sponsored by a non-profit organization called My Sister's House which seeks to eliminate domestic violence in the Asian and Pacific Islander community.

