<table>
<thead>
<tr>
<th>Item</th>
<th>Attachment/Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Call to order and roll call</td>
<td></td>
</tr>
<tr>
<td>2. Announcements</td>
<td></td>
</tr>
<tr>
<td>3. Approval of prior meeting minutes*</td>
<td>Page 3</td>
</tr>
<tr>
<td>3.01 Minutes of the October 29, 2019 Meeting</td>
<td>Page 3</td>
</tr>
<tr>
<td>3.02 Minutes of the Planning Meeting Board Meeting</td>
<td>Page 6</td>
</tr>
<tr>
<td>4. Approval of additional agenda items*</td>
<td></td>
</tr>
<tr>
<td>5. President/Executive Committee Report</td>
<td>Page 20</td>
</tr>
<tr>
<td>5.01 Report from the Planning Meeting</td>
<td></td>
</tr>
<tr>
<td>5.02 Preliminary Conference Wrap Up</td>
<td></td>
</tr>
<tr>
<td>5.03 Harassment Policy Updates</td>
<td></td>
</tr>
<tr>
<td>5.04 P&amp;P Updates</td>
<td></td>
</tr>
<tr>
<td>5.05 Discussion and/or Direction to the President and Executive Committee regarding Association Services 2021-2024*</td>
<td></td>
</tr>
<tr>
<td>6. Executive Director/Staff Report</td>
<td></td>
</tr>
<tr>
<td>6.01 Staff Report</td>
<td></td>
</tr>
<tr>
<td>6.02 Meeting location updates</td>
<td></td>
</tr>
<tr>
<td>a. Spring Meeting and Legislative Day</td>
<td></td>
</tr>
<tr>
<td>7. Treasurer’s Report (Attachments) *</td>
<td>Pages 34-42</td>
</tr>
<tr>
<td>7.01 MVCAC Financial Statements as of November 30, 2019</td>
<td></td>
</tr>
<tr>
<td>7.02 NPDES Financial Statements and as of November 30, 2019</td>
<td></td>
</tr>
<tr>
<td>7.03 Investment Matrix and as of November 30, 2019</td>
<td></td>
</tr>
<tr>
<td>7.04 Initial Budget discussion</td>
<td></td>
</tr>
<tr>
<td>8. Legal Report – None for this meeting</td>
<td></td>
</tr>
<tr>
<td>10. Committee Reports (see planning Meeting report for committees and charges)</td>
<td></td>
</tr>
</tbody>
</table>
10.01 Information Technology
10.02 Integrated Vector Management
10.03 Lab Technologies
10.04 Legislative
10.05 Public Relations
10.06 Training and Certification
10.07 Vector and Vector-Borne Disease
10.08 Vector Control Research
10.09 Nominating
10.10 NPDES/Regulatory Affairs/Trash Capture Devices
10.11 Reeves New Investigator Award
10.12 CalSurv Steering Committee

11. Reports from MVCAC Regions
   11.01 Southern
   11.02 South San Joaquin
   11.03 North San Joaquin
   11.04 Sacramento Valley
   11.05 Coastal

12. Reports from Other Agencies
   12.01 DART
   12.02 CDPH/VBDS
   12.03 VCIPA
   12.04 AMCA
   12.05 CSDA
   12.06 Vector Borne Disease Network

13. Old Business

14. New Business

15. Additional Approved Agenda Items

16. Adjournment*
   *Requires Action

*Full packet of information from Fall meeting included starting on page 43 of packet
The meeting was called to order by President Jeremy Wittie at 2:14 PM
Board members present:
Jeremy Wittie
Peter Bonkrude
Truc Dever
Ken Klemme
Conlin Reis
David Heft
Rhiannon Jones
Jared Dever
Joel Buettner
Board Members absent: Donna Rutherford

Staff: Bob Achermann, Rachel Hickerson, Ed Manning, Brian White, Vanessa Cajina, Lisa Yarbrough

There were no additional announcements

**Approval of prior meeting minutes**

*It was moved, seconded and passed (MSP) to approve the minutes from the July 19, 2019 conference call (T Dever/Bonkrude)*

**Approval of additional agenda items**

There were no additional items to add to the agenda

**President/Executive Committee Report**

Acceptance of 2020-2021 Officers

*MSP to accept the results of the officer slate as presented (President: Peter Bonkrude, President Elect: Truc Dever, Vice President: Ken Klemme) (J Dever/Jones)*

**Acceptance of Award Recipient**

*MSP Lloyd Douglass for Honorary Member (Jones/D Heft)*

**Changes to policy handbook and mission statement**

Jeremy will have the info out to board in the next week, along with some Bylaw options. All these items will need to be back in time to discuss at the Planning meeting. The Mission statement is still in process and may be something for Peter to continue in his term.
Executive Director/Staff Report
Staff gave updates on where we are internally with any outstanding dues and items that the admin staff are currently working on.

2022 Conference Location (Sacramento) discussion: The group was good with going forward with Sacramento for 2022

Treasurer’s Report
MVCAC Financial Statements as of September 30, 2019
NPDES Financial Statements as of September 30, 2019
Investment Matrix as of September 30, 2019
Audit report
Credit Card Processing fees

Other noted item was that the Dead Bird hotline has been renewed with the $33K in the budget
MSP to approve the treasurer’s report (Bonkrude/Klemme)

Legal Report
It was noted that we will be working on an anti-harassment policy in the policy and procedures manual. Dick Shanahan has mocked it up, and it will be sent to the executive Committee once completed.

Committee Reports

10.01 Information Technology - No report
10.02 Integrated Vector Management - Jamie Scott
10.03 Lab Technologies - Eric Haas Stapleton
10.04 Legislative - Conlin Reis
10.05 Public Relations - Megan Sebay and Lisa Yarbrough
10.06 Training and Certification - John Fritz
10.07 Vector and Vector-Borne Disease - Marsha Reed
10.08 Vector Control Research - Wakoli Wakesa
10.09 Nominating - no report
10.10 NPDES/Regulatory Affairs/Trash Capture Devices - Jennifer Henke
10.11 Reeves New Investigator Award - Jamie Scott
10.12 CalSurv Steering Committee - Chris Barker

Reports from MVCAC Regions

11.01 Southern
11.02 South San Joaquin
11.03 North San Joaquin
11.04 Sacramento Valley
11.05 Coastal
Reports from Other Agencies

12.01 DART
12.02 CDPH/VBDS
12.03 VCJPA
12.04 AMCA
12.05 CSDA

Old Business

Vector Borne Disease Network
Peter gave an overview of the Network. ESA has started it and is trying to branch out to gain more members who may be interested. This has included other state associations, AMCA and PacVec. No money is required at this time to become a member. Bob will reach out to get more information to bring back to the group.

New Business

Ethics and Harassment prevention trainings going forward
It was discussed that the Trustee Council has asked not to have an Ethics training at this upcoming conference as has been done in the past. The group felt this was fine but keeping the Harassment training would be important in the off years.

Utility Vaults
Conlin brought up the subject of utility vaults and their impact to control efforts, especially in those districts with high amounts of aedes. This has been referred to Regulatory Affairs.

New managers and staff were asked to introduce themselves to the room.

MSP to adjourn at 4:00pm (T Dever/Bonkrude)
The meeting was called to order at 10:51 AM by Jeremy Wittie, President

Board Members present: Jeremy Wittie, Peter Bonkrude, Truc Dever, Ken Klemme, Joel Buettner, Rhiannon Jones, Ryan McNeil (in place of Conlin Reis), Jared Dever, David Heft

Absent: Donna Rutherford

Staff: Bob Achermann, Rachel Hickerson

Association Action Items
Jeremy went through the proposed changes to the policies and procedures manual. It was noted this was for discussion, regions will see the full documents before voting.(see attachment 1). Some items for conversation were presented:

- Legislative Committee Process. Do we need it to be so far spelled out? It’s the only committee in the P&P’s that has it so individually spelled out.
- What is the role of the Trustee Council going forward? Peter will contact the council and talk through with them their thoughts for the future before the Spring meeting

Jeremy anticipates that the timeline for completion for all the items will be by Spring Meeting. Staff will send out reminders to the board about what the deadlines and timeline looks like to have all items prepared for Spring meeting.

Service Providers Contracts
Both the AMG and KP contracts are up for renewal. The board has asked to have them signed for a 1 year extension. It was moved, seconded and passed (MSP) to authorize the president to sign a one year extension with the service providers (Bonkrude/T Dever).

Vector Disease Network
MSP to appoint the Regulatory Chair (currently Jennifer Henke) as the representative to the Vector Disease Network (Bonkrude/Buettner).

MSP to Adjourn at 12:04 PM (Bonkrude/J Dever)
Attachment 1

Policies and Procedures

Proposed Change Overview and Discussion
Based on yesterday's discussion in next 2-4 months may be some significant changes

• Legislative Committee processes
  • Do we need such detail in our policies for this committee? Only committee that has workflow spelled out. It is changing and do we need to tie their hands?

• Trustee Council
  • Resolve this by Spring meeting and finalize procedures and bylaws.
Chapter 2 - Potential Change to Council

The Trustee Council is an essential part of the Association. The Executive Director (or staff designee) and the Trustee Council Chair schedule Trustee Council business meetings, which are conducted at the Association quarterly meetings. The Trustee Council Chair is a member of the Executive Committee.
Chapter 6 - Legislative Interests and Responsibilities (overall reduction)

• 6.1 – Legislative Interests for the Association

There are numerous legislative topics of interest to mosquito and vector control agencies. Many of these are handled by the California Special District Association because of their commonality to all special districts. MVCAC prioritizes every year on what issues need to be focused on due to their unique impact on our members.

These fall in a variety of areas including but are not limited to:


6.2 Roles and Responsibilities

• Chair
• Committee
• Member Agencies
• Advocate
• Executive Director
Chapter 2 Staff Consultants

2.0 Executive Director

The Executive Director is the appointed, principal administrative officer of the Association. The Executive Director, with authority from the Board of Directors and direction from the Executive Committee, is responsible for the activities and effective operations of the Association’s administrative office, Legislative and Regulatory advocates, and other professional consultants.
Chapter 3 Fiscal Management

The Annual Budget.

• Each year at the annual planning meeting, the Executive Director will present for review and Board discussion and approval a draft annual budget timeline to be followed in the new year for development of the Association’s annual budget.
Chapter 3 Fiscal Management

3.1.4 The proposed annual budget that is reviewed and amended by the Executive Committee shall be presented to the Regional Directors at least 30 45 days before the spring Board meeting.
Chapter 4 Board of Directors

4.2 Committees

• Insertion of committee requirements
  • Regional representation
  • Qualifications for
  • Expectations of
  • Term limits
Chapter 7 Publication Policy

7.8 Advertising Policy
Any commercial organization or company may advertise within the MVCAC Yearbook and/or MVCAC Proceedings and Papers. Organizations willing to advertise their company’s products or services help to further the efforts of the Association. A Commercial Sustaining Member receives one free “inside full page” Yearbook advertisement. Advertising rates for sustaining and non sustaining members will be established each year by the Executive Director and presented to the Board of Directors for approval at a regularly scheduled meeting.

• Executive Director confirm during budget process
Chapter 8 Meeting Planning

• 8.1.2

• The Executive Committee will serve as the Local Arrangements Committee for the Annual Conference. The President will serve as the Local Arrangements Committee Chair and will work closely with the Executive Director or staff designee in planning details of the conference. The committee will normally be responsible for planning for moderators of sessions, providing audio-visual equipment, planning social functions, acquiring any door prizes and awarding of door prizes. For reasons held sufficient by the Local Arrangement Committee, registration and/or accommodations can be waived for an invited guest. Conditions such as: to confer honorary membership, person or relative to whom the conference is dedicated to and keynote speakers at the Plenary Session may qualify an invited guest for a waiver.
Anti-Discrimination and Harassment Policy

• Covers all people employed or participating in MVCAC
• Discrimination and Sexual Harassment
• Executive Director in charge of implementation
• Reporting procedures and outcomes of confirmed investigations.
  • Question
  • Is there a need for greater clarity for outcome of confirmed investigations for members?
If MVCAC determines that unlawful harassment or discrimination has occurred, effective remedial action will be taken in accordance with the circumstances involved. Any Worker determined by MVCAC to be responsible for unlawful harassment will be subject to appropriate disciplinary action according to the nature and severity of the offense, record of prior discipline, and the contract arrangement with the particular Worker’s employer. The range of disciplinary action includes (1) verbal or written reprimand or censure, (2) for any MVCAC employee - suspension without pay, demotion, probation, discharge from employment, and (3) for an employee of a contractor, consultant or vendor - termination, cancellation, or suspension of the contract with the Worker’s employer, demand that the particular Worker no longer work for MVCAC, or demand that the Worker’s employer otherwise discipline the particular Worker. MVCAC will advise the complainant of the results of the investigation.

5. Additionally, the federal Equal Employment Opportunity Commission and the state Department of Fair Employment and Housing investigate and prosecute complaints of prohibited harassment in employment. If an individual believes that he or she has been harassed or retaliated against for resisting or complaining about harassment, the individual may file a complaint with the appropriate agency
By-Laws
MVCAC Planning Workshop Summary

Workshop Summary-

Prior to the December planning session, Jared Dever (San Gabriel Valley MVCD) prepared, and the association distributed, a survey to help shape the goals for the association in the near future (1-2 years). The questions asked included: (1) What is the greatest benefit(s) of being part of the MVCAC? (2) What was the most significant accomplishment(s) by the association in 2019? (3) In your opinion, what are the biggest threats to the association and our industry? (4) In your opinion, are there any opportunities the association may be missing (legislative, regulatory, funding, association partnerships/collaborations, etc.)? (5) What should be the 2020 priorities for: Board of Directors? (6) What should be the priorities for: Trustee Council? (7) What should be the priorities for AMG staff? (8) What should be the priorities for: KP staff? What should be the priorities for: Committees? (9) Please rank the Legislative Committee Charges in order of priority (10) Please rank the Training and Certification Committee Charges in order of priority (11) Please rank the Information Technology Committee Charges in order of priority (12) Please rank the Vector and Vector-borne Disease Committee Charges in order of priority (13) Please rank the Public Relations Committee Charges in order of priority (14) Please rank the Regulatory Affairs Committee Charges in order of priority (15) Please rank the Lab Technologies Committee Charges in order of priority (16) How satisfied are you with the location selection of association quarterly meetings and annual conferences? (17) Would you be more likely to participate in association goals and objectives if teleconferencing was an option for quarterly and Board meetings?

From the survey results and the conversations at the planning session, the following strategic initiatives were identified for 2020.

1. Association Management- Identify the goals and needs of the association administration for the next year.
   a. Objective- Build a clear plan for the Association that prioritizes the items identified in the survey and subsequent planning session.
   b. Strategy- Draft a list of goals for each section of association management and prioritize those goals for 2020 and beyond.
      i. Goals:
         1. Ensure ample networking opportunities for Association Membership
            a. Create a calendar after the December planning session that contains dates for all events for 2020 and if possible, into 2021 to allow member districts to plan accordingly
            b. Research remote meeting options to encourage networking and engagement/participation
c. Regularly review event locations and provide AMG with a list of general locations the association would like to use for meetings with a 5-year outlook

2. Improve communication within the association and to other external stakeholders
   a. Draft and prioritize a list of other associations or agencies MVCAC should reach out to in order to establish a connection
   b. Establish a deeper connection with University stakeholders and identify areas where collaborations should be maintained or increased (research funding and support, training opportunities, internships, etc.)

3. Draft a budget that recognizes the needs of the Association and weighs that with the requirements and realities of Association revenue
   a. Provide the draft budget to the Board of Trustees prior to the Board meeting at the Annual conference to allow for ample time to review and discuss expenditures
   b. Clearly identify within the budget report areas that are historically budgeted high or low and provide rationale for the current level
   c. Review all service contracts and subscription costs as part of the budget process to ensure service scope and cost still match the needs of the association

4. Ensure that engagement and participation are maximized and encouraged
   a. Review annually by the December planning session the committee membership and assess their committee engagement for future year inclusion
   b. Draft annually a list of “deliverables” or charges by committee that may be in addition to their standing charges, with a focus on priority and the committee’s ability to complete the charges within the timeline described
   c. Draft new language for the association regarding committee formation guidelines to assist in “right-sizing” the committees
   d. Research ways to increase Committee chair engagement in providing both written and verbal reports to the Board in a timely manner for inclusion in the packet
   e. Draft a code of conduct to provide an environment that encourages inclusivity and embraces all association members

5. Identify a way to engage the trustee membership and better utilize their potential attributes to address association needs.
   a. Meet with the Trustee Council Chair to discuss the future of the Trustee Council
   b. Meet with other trustees that are involved with MVCAC to identify a list of “needs”
c. Draft a list of trustee needs and options for the Board regarding trustee engagement moving forward
   i. Training
   ii. Networking
   iii. Voice in the association (Board of Directors, Committee members, event planning, etc.)

2. Contract Service Providers
   a. Objective- provide clear direction to our service providers, with a priority on agreed, scope to ensure our needs as an association are met in the budgeted amount
   b. Strategy- Create new processes or highlight existing processes that allow for reasonable communication and feedback for our service providers (Association Management, Legislative Advocacy, Regulatory Advocacy)

   i. Goals:
      1. AMG staff for 2020
         a. Redouble efforts on association management details including:
            i. Dates/time are all correct on website, documents, correspondence
            ii. The room block registration is working, tested and the appropriate size for each event
         b. Research with the IT committee, collaborative project software to assist membership in more effectively accomplish association goals
         c. With the Board of Directors draft a clear and understandable budget with a focus on cost reductions wherever possible
         d. With the Board of Directors navigate AMG’s new contract relationship with AMCA and whether MVCAC/AMCA can find value in coordinating any efforts
      2. KP staff for 2020
         a. Provide quarterly written report to membership describing the progress of legislative and regulatory updates, in addition to any future items of interest that membership may find helpful
         b. Focus on only moving forward on the Legislative items prioritized by the legislative committee and the Board of Directors
         c. Focus on only moving forward on the Regulatory items prioritized by the regulatory affairs committee and the Board of Directors
         d. Continue seeking out emerging legislative and regulatory issues that may impact the association and bringing them to the relevant body

3. Provide Direction to the President and the Board for service providers for 2021-2024

3. Committee Membership and Charges
MVCAC Information Technology Committee 2020

Chair: Mark Daniel, Greater Los Angeles County Vector Control District

Members:

Peter Bonkrude, Shasta MVCD  
Mark Dynge, Delta VCD  
Robert Ferdan, Alameda County MAD  
Dan Fisher, Sacramento-Yolo MVCD  
Aaron Ho, Santa Clara County VCD  
Luan Ngo, Orange County Mosquito and Vector Control District  
Rudy Serrano, Greater LA County VCD  
Jody Simpson, U.C. Davis  
Michael Tran, Santa Clara County VCD

Standing Charges:

1. Serve as a resource for issues related to information and technology that may affect member agencies and/or the MVCAC.
2. Provide A/V support for the MVCAC Annual Conference.

2020 Charges:

1. Continued development of Visual Gateway project with educational training for agencies in collaboration with DART.
2. Create information sharing forums for all districts to learn about Enterprise level Hardware, Software and Security.
3. Create and maintain partnership with MISAC & MS-ISAC (Municipal Information Systems Association of California).
4. Continue outreach to member agencies to educate and connect staff that support technology for information security best practices and other topics.
5. Continue IT survey, discuss and report actionable items.
6. Explore listserv requirements with CSDA like functionality.
7. Explore project management software for use by committee chairs to homogenize and share project progress. Present options, features and price to the executive board.
IVM Committee
Chair: Jamesina Scott, Lake County VCD

Committee Members:

Elizabeth Andrews, CDPH/VBDS
John Busam, Alameda Co. MAD
Mark Daniel, Greater L.A. Co. VCD
Bobbye Dieckman, Coachella Valley MVCD
Debbie Dritz, Sac-Yolo MVCD
Jake Hartle, Placer MVCD
Jacob Jones, Fresno MVCD
Laura Krueger, Orange Co. MVCD
Eddie Lucchesi, San Joaquin Co. MVCD
Marco Metzger, CDPH/VBDS
Mark Nakata, Delta MVCD
Mike Saba, Orange Co. MVCD
Marty Scholl, Sac-Yolo MVCD
Amber Semrow, Orange Co. MVCD
Steven Su, West Valley MVCD
Bill Walton, UC Riverside
Wakoli Wekesa, Eastside MAD
Joel Buettner (Board Liaison)
Bob Achermann, AMG

2020 Charges:
1) Emerging Technologies in Mosquito Control
2) Develop recommendations on pesticides and their use, and on their registration status and related issues.
3) Pesticide Resistance Monitoring and Management
   a. For 2020, I recommend that the Committee review and update the Resistance Monitoring document
4) Report on environmental issues that may affect the members of the MVCAC.
6) Develop information on the availability, use, and impact of biological control organisms.
7) Administer the PESP survey for MVCAC
8) Annually review CDPH guidance documents, including Guidance for Surveillance of and Response to Invasive Aedes Mosquitoes and Locally Acquired Exotic Mosquito-Borne Infections Transmitted by these Mosquitoes in California and The Best Management Practices (BMPs) for Mosquito Control in California and recommend updates as necessary.
9) Provide support to other committees as needed.
MVCAC Laboratory Technologies Committee

2020 Members

Chris Barker, DART UC Davis
Sutapa Biswas, Alameda VCS
Jesse Erandio, Delta VCD
Ying Fang, DART UC Davis
Carrie Fogarty, Orange County MVCD
Saran Grewal, San Diego Environmental Health
Eric Haas-Stapleton, Alameda County MAD
Shaoming Huang, San Joaquin MVCD
Kim Hung, Coachella Valley MVCD
Kara Kelly, Sac-Yolo MVCD
Christopher Kilonzo, CDPH
Susanne Kluh, Greater Los Angeles MVCD
Kelly Liebman, Marin-Sonoma MVCD
Kimberly Nelson, San Gabriel Valley MVCD
Steve Schutz, Contra Costa MVCD
Phil Spinks, Placer MVCD
Steven Su, West Valley MVCD
Noor Tietze, Santa Clara VCD

Standing Charges

1. Organize and host an annual workshop that will offer enhanced communication, training and collaboration among vector control laboratory personnel
2. Partner with DART to establish fees for proficiency panels, positive controls, reagents and other support consumables to enhance standardization between labs
3. Review and update the MVCAC publication “Identification of the Mosquitoes of California” to ensure inclusion of all species of mosquito that are routinely detected in California.

2020 Charges

1. Revise the MVCAC publication “Identification of the Mosquitoes of California” to include Aedes notoscriptus.
2. Report the results of the comparison of commercially available magnetic bead-based RNA extraction kits to MVCAC members.
2020 MVCAC Legislative Committee Member Roster

Bob Achermann, AMG
Ed Manning, KP
Matt Ball, Butte County MVCD
Gary Goodman, Sacramento/Yolo MVCD
Andrew Cox, Tehama County MVCD
Tamara Davis, Marin-Sonoma MVCD
Paul Binding, Santa Cruz County MVCD
Rick Howard, Orange County MVCD
Michelle Brown, West Valley MVCD
Eddie Luchessi, San Joaquin Co. MVCD
Bryan Jackson, CDPH/VBDS Liaison
Jeremy Wittie, Coachella Valley MVCD (Board Liaison)

2020 Committee Charges

1. Pursue appropriations to assist vector control district/agencies with invasive aedes prevention, control, and public education efforts.
2. Seek clarification from USDA/CDPR on the use of mosquito control products over organic crops, including commercial cannabis.
3. Explore regulatory enhancements to provide vector control agencies unencumbered inspection and treatment authority of public and private utility vaults.
4. Protect public health pesticide exemptions from legislation targeting their elimination, municipal control, or reclassification.
MVCAC Public Relations Committee 2020

Chair: Megan Sebay, San Mateo County MVCD

Members:
Allison Bray, San Diego VCP
Erika Castillo, Alameda County MAD
Aaron Devencenzi, San Joaquin County MVCD
Meagan Luevano, Placer MVCD
Anais Medina Diaz, Greater LA County VCD
Allyx Nicolici, CDPH
Luz Robles, Sacramento Yolo MVCD
Levy Sun, San Gabriel Valley MVCD
Dan Wilson, Alameda County VCSD
Nola Woods, Contra Costa MVCD
Lora Young, Orange County MVCD
Lisa Yarbrough (KP)
Jared Dever, SGVMVCD (Board Liaison)

Standing Charges:
1. Work with MVCAC leaders and administrators to promote community partnerships and encourage cooperative ventures to benefit vector control, public health, and the environment.
2. Promote MVCAC and assist leaders, administration, and members with media outreach, educational and informational materials, publications, and other outreach methods and communication efforts, including social media.
3. In cooperation with the Legislative Committee, KP and AMG, assist in preparation for MVCAC’s annual Legislative Day, and other legislative and regulatory affairs efforts.
5. Provide editing of content and guidance on website content management for MVCAC website.

2020 Charges:
8. Implement third party outreach strategy including speaking and exhibiting opportunities at relevant conferences, providing content to industry partners for newsletters and social media, and identifying and recruiting subject matter experts for issues related to MVCAC.
9. Develop public-facing materials to highlight CalSurv’s current and potential capabilities and support efforts to secure long-term funding.
10. Develop public education materials to increase awareness of invasive Aedes and their impact in collaboration with the Integrated Vector Management, Vector & Vectorborne Disease and Vector Control Research Committees.
Reeves New Investigator Award Committee
Chair: Jamesina Scott, Lake County VCD

Committee Members:
Bruce Eldridge, UC Davis Emeritus
Rhiannon Jones, Merced MAD
Kerry Padgett, CDPH-VBDS
Steven Su, West Valley MVCD
Rachel Hickerson, AMG

2020 Charges:
1. Evaluate Reeves Award applicants and determine awards.
2. Review & update Reeves Award Policy
   a. Change changing the annual deadline to accommodate conference planning to November 1 (requires board approval) beginning November 1, 2020.
   b. Review and simplify application and instructions.
Regulatory Affairs Committee
Chair: Jennifer Henke, Coachella Valley MVCD

Members
Sarah Billeter, CDPH VBDS Ontario
Peter Bonkrude, Shasta MVCD
Erika Castillo, Alameda County MAD
Samer Elkashef, Sac-Yolo MVCD
Mark Hall, Greater Los Angeles County, VCD
David Heft, Turlock MAD
Wes Maffei, Napa MAD
Ryan McNeil, Fresno MVCD
Mark Novak, CDPH VBDS Elk Grove
Brian Olson, CDFW
Bob Achermann, AMG
Ed Manning, KP
Brian White, KP

Standing charges
1) Review and present information about existing or proposed regulations and programs that may impact vector control agencies.
2) Coordinate with the Executive Director; act as a liaison between MVCAC and local, state, and federal agencies responsible for wildlife management and protection.
3) Monitor issues at the State Water Resources Board that are likely to impact mosquito and vector control.
4) Maintain a clearing house of information concerning compliance with CEQA.
5) Subcommittees
   a. NPDES
   b. SB 896 CDFW and MVCAC Working Group
   c. Trash Capture Device Working Group

2020 charges:
1) Review existing and new devices proposed to capture trash in storm water structures.
2) Monitor issues around the re-use of storm water and irrigation run-off collected.
3) Evaluate the impact of mosquito management practices as employed at wetlands managed by CDFW.
4) Work with agencies and partners to ensure access to electric utility vaults
5) Assist with permitting for Sterile Insect Releases for vector control
6) Provide resources to districts for their environmental compliance with CEQA
7) Engage in the NPDES renewal process (CA permit expires June 2021).
MVCAC Training & Certification Committee 2020

Chair: Daniel Wilson, Alameda County Vector Control

Members
Eric Ballejos, Northwest MVCD
John Fritz, San Joaquin County MVCD
Michael Niemela, CDPH-VBDG
Katherine Ramirez, Consolidated MAD
Daniel Wilson, Alameda County VCSD

Standing Charges:
1. Coordinate the Association’s program of regional continuing education and statewide webinar development, maintaining the expected standards in vector control.
2. Review submitted training curricula and recommend approval to the CDPH representative.
3. Interpret state regulations on continuing education and recommend modifications as needed to maintain a quality program.

2020 Charges:
1. Produce original content or secure approval of existing content to provide a sufficient number of webinars to complement live, in-person programs to fulfill the continuing education unit requirements for the current training cycle.
2. Begin planning and production of webinars for the succeeding training cycle.
3. Support MVCAC members in webinar hosting to facilitate production of webinars on a statewide basis.
5. Committee members were tasked to prepare at least one Category D webinar over the next year as this is typically the most difficult category to fill.
6. A Zoom Webinar guide produced by the IT Committee will be distributed to Committee Members to assist in production.
7. Make sure herbicides training materials are part of the curriculum.
**Vector & Vector-borne Disease Committee 2020**
Chair: Marcia Reed, Sacramento/Yolo MVCD

**Members:**
Chris Barker, UC Davis
Lark Coffey, UC Davis
Bruce Eldridge, UC Davis
Tina Feiszli, CDPH/VBDS
Susanne Kluh, Greater LA County VCD
Angie Nakano, San Mateo MVCD
Monica Patterson, Turlock MAD
William Reisen, UC Davis
Steve Schutz, Contra Costa MVCD
Jamesina J. Scott, Lake County VCD
Mary Sorensen, Placer MVCD
Steven Su, West Valley MVCD
Kim Hung, Coachella Valley MVCD
Mir-Bear-Johnson, Delta VCD

**Standing Charges:**
1. Review and present new information on vectors and vector-borne diseases of interest to the MVCAC and make recommendations for their surveillance and control.
2. In cooperation with Laboratory Technologies Committee, develop long term plans and agreements among DPH, UC Davis and MVCAC to ensure continuation of statewide surveillance program and appropriate diagnostics.

**2020 Charges**

1. Develop comprehensive Emerging Vectorborne Disease Response Plan to control and contain potential outbreaks of dengue, chikungunya or Zika virus. Include in this plan details as to control techniques and recommended equipment, control products, etc...
Vector Control Research

Chair: J. Wakoli Wekesa, East Side MAD

Members
Chris Barker, University of California, Davis
Eric Haas-Stapleton, Alameda County MAD
Jennifer Henke, Coachella Valley MVCD
Melissa Doyle, San Gabriel Valley MVCD
Shaoming Huang, San Joaquin County MVCD
William Reisen, University of California, Proceedings Editor
Mary Sorensen, Placer MVCD
Steven Su, West Valley MVCD
Noor Tietze, Santa Clara County VCD
Bill Walton, University of California, Riverside
Sarah Wheeler, Sacramento/Yolo MVCD
Jeremy Wittie, Coachella Valley MVCD (Board Liaison)
Sarah Billeter, CDPH/VBDS, Ontario
Trinidad Reyes, Madera County MVCD
Angela Caranci, Northwest MVCD
Rachel Hickerson, AMG

Standing Charges
1. Review and determine the research needs of the Association.
   a) Identify areas that require academic level research that would improve the efficacy and efficiency of IVM programs.
   b) Determine regional and state research priorities from Districts and share with the UC Pacific Southwest Center of Excellence in Vector-Borne Diseases, the State, local agencies, and other interested parties to encourage collaborative work.
   c) Encourage Districts to work with academic partners to submit joint projects to UC Center of Excellence for funding to fill local research gaps, an opportunity to provide internship training to young researchers.
2. Provide support and guidance for the publication of the Proceedings and Papers of the Mosquito and Vector Control Association of California.

2020 Charges
1. Continue with collaborative research investigations at the District level to improve the efficacy and efficiency of IVM programs and encourage member districts to join such collaborative efforts.
   a) Continue with collaborative project evaluating the role of structural pesticide applications in increasing resistance to our common pesticides in urban breeding mosquitoes.
   b) Evaluation of the efficacy of handheld and back sprayers among member districts operations with a goal of establishing guidelines for their use.
2. Collaborate with other MVCAC Committees such as Vector Borne Diseases, IVM, PR, and regulatory affairs to determine research needs and work with them for appropriate solutions.
3. Champion the 2020 list of the research priorities among researchers at the UC Centers of Excellence in Vector-Borne Diseases, state, and local agencies, and encourage partners to collaborate.
4. Encourage member Districts to collaborate with UC Researchers, submit joint projects to UC Center of Excellence for funding to help fill local research gaps, and provide opportunities for internships to train young researchers.
<table>
<thead>
<tr>
<th>Institution</th>
<th>Amount</th>
<th>Rate</th>
<th>Trade Date</th>
<th>Maturity</th>
<th>Years Held</th>
<th>Matures in Years</th>
<th>Annual Yield</th>
<th>Yield through Maturity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>UBS - Cash</td>
<td>$51,246</td>
<td>$0.00%</td>
<td>NA</td>
<td>NA</td>
<td>-</td>
<td>NA</td>
<td>$0</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td>UBS - Accrued Interest</td>
<td>$835</td>
<td>0.00%</td>
<td>NA</td>
<td>NA</td>
<td>-</td>
<td>NA</td>
<td>$0</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td>Synchrony Bank</td>
<td>$50,063</td>
<td>2.00%</td>
<td>3/16/2015</td>
<td>3/20/2020</td>
<td>5.0</td>
<td>5.0</td>
<td>$1,001.26</td>
<td>$5,006</td>
<td></td>
</tr>
<tr>
<td>American Express C UT US</td>
<td>$50,299</td>
<td>2.29%</td>
<td>11/16/2015</td>
<td>11/18/2020</td>
<td>5.0</td>
<td>5.0</td>
<td>$1,151.84</td>
<td>$5,759</td>
<td></td>
</tr>
<tr>
<td>Goldman Sachs Bank</td>
<td>$50,296</td>
<td>1.94%</td>
<td>2/11/2016</td>
<td>11/18/2020</td>
<td>4.5</td>
<td>4.5</td>
<td>$975.73</td>
<td>$4,391</td>
<td></td>
</tr>
<tr>
<td>Goldman Sachs Bank</td>
<td>$51,068</td>
<td>2.79%</td>
<td>2/11/2016</td>
<td>10/5/2021</td>
<td>5.5</td>
<td>5.5</td>
<td>$1,424.78</td>
<td>$7,836</td>
<td></td>
</tr>
<tr>
<td>Sallie Mae Bank UT US</td>
<td>$50,952</td>
<td>2.50%</td>
<td>5/1/2019</td>
<td>5/2/2022</td>
<td>4.0</td>
<td>4.0</td>
<td>$1,273.80</td>
<td>$5,095</td>
<td></td>
</tr>
<tr>
<td><strong>Totals</strong></td>
<td>$304,758</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>$28,088</td>
<td>$28,088</td>
<td></td>
</tr>
<tr>
<td><strong>Yield through Maturity</strong></td>
<td>$28,088</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Future Total</strong></td>
<td>$332,846</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
# MVCAC
## Balance Sheet
### As of November 30, 2019

### ASSETS

<table>
<thead>
<tr>
<th>Current Assets</th>
<th>Nov 30, 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Checking/Savings RESERVES (UBS)</td>
<td>304,758.43</td>
</tr>
<tr>
<td>1004 · Checking (Umpqua Bank)</td>
<td>599,020.78</td>
</tr>
<tr>
<td>1005 · Money Market (Umpqua Bank)</td>
<td>5,012.22</td>
</tr>
<tr>
<td><strong>Total Checking/Savings</strong></td>
<td><strong>908,791.43</strong></td>
</tr>
<tr>
<td>Other Current Assets</td>
<td>36,100.03</td>
</tr>
<tr>
<td>1150 · Prepaid Expenses-General</td>
<td>36,100.03</td>
</tr>
<tr>
<td><strong>Total Other Current Assets</strong></td>
<td><strong>36,100.03</strong></td>
</tr>
<tr>
<td><strong>Total Current Assets</strong></td>
<td><strong>944,891.46</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fixed Assets</th>
<th>Nov 30, 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>1700 · Fixed Asset</td>
<td></td>
</tr>
<tr>
<td>1710 · Website Redesign</td>
<td>6,675.00</td>
</tr>
<tr>
<td>1719 · Accumulated Amortization</td>
<td>-4,450.00</td>
</tr>
<tr>
<td><strong>Total 1700 · Fixed Asset</strong></td>
<td><strong>2,225.00</strong></td>
</tr>
<tr>
<td><strong>Total Fixed Assets</strong></td>
<td><strong>2,225.00</strong></td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td><strong>947,116.46</strong></td>
</tr>
</tbody>
</table>

### LIABILITIES & EQUITY

<table>
<thead>
<tr>
<th>Liabilities</th>
<th>Nov 30, 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current Liabilities</td>
<td></td>
</tr>
<tr>
<td>Accounts Payable</td>
<td></td>
</tr>
<tr>
<td>2000 · Accounts Payable</td>
<td>100,767.20</td>
</tr>
<tr>
<td><strong>Total Accounts Payable</strong></td>
<td><strong>100,767.20</strong></td>
</tr>
<tr>
<td><strong>Total Current Liabilities</strong></td>
<td><strong>100,767.20</strong></td>
</tr>
<tr>
<td><strong>Total Liabilities</strong></td>
<td><strong>100,767.20</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Equity</th>
<th>Nov 30, 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>3000 · Opening Bal Equity</td>
<td>383,568.08</td>
</tr>
<tr>
<td>3900 · Retained Earnings</td>
<td>96,116.77</td>
</tr>
<tr>
<td><strong>Net Income</strong></td>
<td><strong>366,664.41</strong></td>
</tr>
<tr>
<td><strong>Total Equity</strong></td>
<td><strong>846,349.26</strong></td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES &amp; EQUITY</strong></td>
<td><strong>947,116.46</strong></td>
</tr>
</tbody>
</table>
### Ordinary Income/Expense

#### Income

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>110.00 · Annual Meeting Income</td>
<td>74,755.00</td>
</tr>
<tr>
<td>110.01 · Registrations</td>
<td>36,995.00</td>
</tr>
<tr>
<td>110.02 · Sponsorships</td>
<td>21,335.00</td>
</tr>
<tr>
<td>110.03 · Exhibitors</td>
<td>15,575.00</td>
</tr>
<tr>
<td>110.05 · Annual Mtg Advertising</td>
<td>750.00</td>
</tr>
<tr>
<td>110.06 · Conference Tournament</td>
<td>100.00</td>
</tr>
<tr>
<td><strong>Total 110.00 · Annual Meeting Income</strong></td>
<td><strong>74,755.00</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>120.00 · Publications Income</td>
<td>145.25</td>
</tr>
<tr>
<td>120.04 · Sales Tax</td>
<td>5.25</td>
</tr>
<tr>
<td>120.05 · Proceedings</td>
<td>80.00</td>
</tr>
<tr>
<td>120.06 · Yearbook</td>
<td>60.00</td>
</tr>
<tr>
<td><strong>Total 120.00 · Publications Income</strong></td>
<td><strong>145.25</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>130.00 · Dues Income</td>
<td>518,070.03</td>
</tr>
<tr>
<td>130.01 · Corporate Members</td>
<td>494,020.03</td>
</tr>
<tr>
<td>130.02 · Sustaining Members</td>
<td>21,500.00</td>
</tr>
<tr>
<td>130.03 · Associate Members</td>
<td>1,575.00</td>
</tr>
<tr>
<td>130.04 · Affiliate Members</td>
<td>975.00</td>
</tr>
<tr>
<td><strong>Total 130.00 · Dues Income</strong></td>
<td><strong>518,070.03</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>150.00 · Miscellaneous Income</td>
<td>4,459.52</td>
</tr>
<tr>
<td>150.01 · Interest, Gain/Loss on Invest</td>
<td>3,459.52</td>
</tr>
<tr>
<td>150.02 · HB Munns Fund</td>
<td>1,000.00</td>
</tr>
<tr>
<td><strong>Total 150.00 · Miscellaneous Income</strong></td>
<td><strong>4,459.52</strong></td>
</tr>
</tbody>
</table>

**Total Income** = **597,429.80**

### Expense

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>210.00 · Annual Meeting Expense</td>
<td>45,359.34</td>
</tr>
<tr>
<td>210.01 · Hotel Expenses</td>
<td>43,500.00</td>
</tr>
<tr>
<td>210.02 · Supplies,shipping,printi</td>
<td>1,397.50</td>
</tr>
<tr>
<td>210.13 · Staff Travel</td>
<td>461.84</td>
</tr>
<tr>
<td><strong>Total 210.00 · Annual Meeting Expense</strong></td>
<td><strong>45,359.34</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>300.00 · Legal Expense</td>
<td>225.00</td>
</tr>
<tr>
<td>300.01 · Requested Counsel</td>
<td>225.00</td>
</tr>
<tr>
<td><strong>Total 300.00 · Legal Expense</strong></td>
<td><strong>225.00</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>400.00 · Legislative Program Expense</td>
<td></td>
</tr>
<tr>
<td>400.01 · Advocate Contract</td>
<td>50,000.00</td>
</tr>
<tr>
<td>400.08 · Legislative Outreach</td>
<td>775.70</td>
</tr>
<tr>
<td><strong>Total 400.00 · Legislative Program Expense</strong></td>
<td><strong>50,775.70</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>500.00 · Regulatory Program Expense</td>
<td></td>
</tr>
<tr>
<td>500.01 · Regulatory Contract</td>
<td>25,000.00</td>
</tr>
<tr>
<td><strong>Total 500.00 · Regulatory Program Expense</strong></td>
<td><strong>25,000.00</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.00 · Mgmt Services &amp; Admin Exp</td>
<td></td>
</tr>
<tr>
<td>600.01 · Management Contract</td>
<td>52,000.00</td>
</tr>
<tr>
<td>600.015 · Communications &amp; Public Relatio</td>
<td>26,275.00</td>
</tr>
<tr>
<td>600.03 · CC Trans./Bank Fees</td>
<td>6,162.77</td>
</tr>
<tr>
<td>600.04 · Audit/Financial Review</td>
<td>8,108.00</td>
</tr>
<tr>
<td>600.05 · Telephone,Fax,&amp; Internet</td>
<td>778.12</td>
</tr>
<tr>
<td>600.06 · Photocopies</td>
<td>343.00</td>
</tr>
<tr>
<td>600.15 · Membership/Website</td>
<td>7,279.03</td>
</tr>
<tr>
<td>600.16 · Postage</td>
<td>167.85</td>
</tr>
<tr>
<td>600.17 · Supplies</td>
<td>9.78</td>
</tr>
<tr>
<td><strong>Total 600.00 · Mgmt Services &amp; Admin Exp</strong></td>
<td><strong>52,000.00</strong></td>
</tr>
</tbody>
</table>

Gross Profit = **597,429.80**
### MVCAC
#### Profit & Loss
##### Accrual Basis

**July through November 2019**

<table>
<thead>
<tr>
<th>Description</th>
<th>Jul - Nov 19</th>
</tr>
</thead>
<tbody>
<tr>
<td>600.21 · Storage</td>
<td>644.19</td>
</tr>
<tr>
<td>600.23 · Dead Bird Hotline</td>
<td>33,000.00</td>
</tr>
<tr>
<td><strong>Total 600.00 · Mgmt Services &amp; Admin Exp</strong></td>
<td><strong>134,767.74</strong></td>
</tr>
<tr>
<td>700.00 · Publications Expense</td>
<td></td>
</tr>
<tr>
<td>700.06 · Editor's Fee</td>
<td>3,200.00</td>
</tr>
<tr>
<td><strong>Total 700.00 · Publications Expense</strong></td>
<td><strong>3,200.00</strong></td>
</tr>
<tr>
<td>800.00 · BOD Mtg.&amp;Workshop Exp (Combined)</td>
<td></td>
</tr>
<tr>
<td>800.01 · Board &amp; Workshop Exp</td>
<td></td>
</tr>
<tr>
<td>800.011 · AV</td>
<td>220.00</td>
</tr>
<tr>
<td>800.014 · Staff Travel</td>
<td>257.52</td>
</tr>
<tr>
<td><strong>Total 800.01 · Board &amp; Workshop Exp</strong></td>
<td><strong>477.52</strong></td>
</tr>
<tr>
<td>800.02 · Fall, Winter &amp; Spring Meeting</td>
<td></td>
</tr>
<tr>
<td>800.022 · Hotel (Room Rental and F&amp;B)</td>
<td>5,573.69</td>
</tr>
<tr>
<td>800.024 · Staff Travel</td>
<td>1,326.40</td>
</tr>
<tr>
<td><strong>Total 800.02 · Fall, Winter &amp; Spring Meeting</strong></td>
<td><strong>6,900.09</strong></td>
</tr>
<tr>
<td><strong>Total 800.00 · BOD Mtg.&amp;Workshop Exp (Combined)</strong></td>
<td><strong>7,377.61</strong></td>
</tr>
<tr>
<td><strong>Total Expense</strong></td>
<td><strong>266,705.39</strong></td>
</tr>
<tr>
<td><strong>Net Ordinary Income</strong></td>
<td><strong>330,724.41</strong></td>
</tr>
<tr>
<td><strong>Other Income/Expense</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Other Income</strong></td>
<td></td>
</tr>
<tr>
<td>170.00 · Surveillance Income</td>
<td></td>
</tr>
<tr>
<td>170.01 · Mosquito Pool Tests</td>
<td>248,940.00</td>
</tr>
<tr>
<td><strong>Total 170.00 · Surveillance Income</strong></td>
<td><strong>248,940.00</strong></td>
</tr>
<tr>
<td><strong>Total Other Income</strong></td>
<td><strong>248,940.00</strong></td>
</tr>
<tr>
<td><strong>Other Expense</strong></td>
<td></td>
</tr>
<tr>
<td>270.00 · Surveillance Expense</td>
<td></td>
</tr>
<tr>
<td>270.01 · UC Davis - Pools</td>
<td>213,000.00</td>
</tr>
<tr>
<td><strong>Total 270.00 · Surveillance Expense</strong></td>
<td><strong>213,000.00</strong></td>
</tr>
<tr>
<td><strong>Total Other Expense</strong></td>
<td><strong>213,000.00</strong></td>
</tr>
<tr>
<td><strong>Net Other Income</strong></td>
<td><strong>35,940.00</strong></td>
</tr>
<tr>
<td><strong>Net Income</strong></td>
<td><strong>366,664.41</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00 PM</td>
<td>MVCAC</td>
</tr>
</tbody>
</table>

01/08/20
## MVCAC
### Profit & Loss Budget Performance
#### July through November 2019

**Ordinary Income/Expense**

<table>
<thead>
<tr>
<th>Category</th>
<th>Jul - Nov 19</th>
<th>YTD Budget</th>
<th>$ Over/Under Budget</th>
<th>% of Budget</th>
<th>Annual Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Income</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110.00 · Annual Meeting Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110.01 · Registrations</td>
<td>36,995.00</td>
<td>15,875.00</td>
<td>21,120.00</td>
<td>233.04%</td>
<td>100,000.00</td>
</tr>
<tr>
<td>110.02 · Sponsorships</td>
<td>21,335.00</td>
<td>24,000.00</td>
<td>-2,665.00</td>
<td>88.9%</td>
<td>30,000.00</td>
</tr>
<tr>
<td>110.03 · Exhibitors</td>
<td>15,575.00</td>
<td>21,205.00</td>
<td>-5,630.00</td>
<td>73.45%</td>
<td>30,000.00</td>
</tr>
<tr>
<td>110.05 · Annual Mtg Advertising</td>
<td>750.00</td>
<td>1,500.00</td>
<td>-750.00</td>
<td>50.0%</td>
<td>2,500.00</td>
</tr>
<tr>
<td>110.06 · Conference Tournament</td>
<td>100.00</td>
<td>0.00</td>
<td>100.00</td>
<td>100.0%</td>
<td>3,700.00</td>
</tr>
<tr>
<td>110.08 · Workshop</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>3,000.00</td>
</tr>
<tr>
<td><strong>Total 110.00 · Annual Meeting Income</strong></td>
<td>74,755.00</td>
<td>62,580.00</td>
<td>12,175.00</td>
<td>119.46%</td>
<td>169,200.00</td>
</tr>
<tr>
<td>120.00 · Publications Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>120.01 · Pamphlets, Guides, Misc</td>
<td>100.00</td>
<td>50.00</td>
<td>-50.00</td>
<td>0.0%</td>
<td>50.00</td>
</tr>
<tr>
<td>120.03 · Postage</td>
<td>0.00</td>
<td>50.00</td>
<td>-50.00</td>
<td>0.0%</td>
<td>50.00</td>
</tr>
<tr>
<td>120.04 · Sales Tax</td>
<td>5.25</td>
<td>50.00</td>
<td>-44.75</td>
<td>10.5%</td>
<td>50.00</td>
</tr>
<tr>
<td>120.05 · Proceedings</td>
<td>80.00</td>
<td>250.00</td>
<td>-170.00</td>
<td>32.0%</td>
<td>450.00</td>
</tr>
<tr>
<td>120.06 · Yearbook</td>
<td>60.00</td>
<td>50.00</td>
<td>10.00</td>
<td>120.0%</td>
<td>50.00</td>
</tr>
<tr>
<td><strong>Total 120.00 · Publications Income</strong></td>
<td>145.25</td>
<td>500.00</td>
<td>-354.75</td>
<td>29.05%</td>
<td>700.00</td>
</tr>
<tr>
<td>130.00 · Dues Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>130.01 · Corporate Members</td>
<td>494,020.03</td>
<td>429,735.32</td>
<td>64,284.71</td>
<td>114.96%</td>
<td>487,000.00</td>
</tr>
<tr>
<td>130.02 · Sustaining Members</td>
<td>21,500.00</td>
<td>22,000.00</td>
<td>-500.00</td>
<td>97.73%</td>
<td>25,000.00</td>
</tr>
<tr>
<td>130.03 · Associate Members</td>
<td>1,575.00</td>
<td>1,000.00</td>
<td>575.00</td>
<td>157.5%</td>
<td>2,500.00</td>
</tr>
<tr>
<td>130.04 · Affiliate Members</td>
<td>975.00</td>
<td>200.00</td>
<td>775.00</td>
<td>487.5%</td>
<td>1,000.00</td>
</tr>
<tr>
<td><strong>Total 130.00 · Dues Income</strong></td>
<td>518,070.03</td>
<td>452,935.32</td>
<td>65,134.71</td>
<td>114.38%</td>
<td>515,500.00</td>
</tr>
<tr>
<td>140.00 · Advertising Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>140.01 · Yearbook Advertising</td>
<td>1,500.00</td>
<td>0.00</td>
<td>-1,500.00</td>
<td>0.0%</td>
<td>1,500.00</td>
</tr>
<tr>
<td><strong>Total 140.00 · Advertising Income</strong></td>
<td>1,500.00</td>
<td>0.00</td>
<td>-1,500.00</td>
<td>0.0%</td>
<td>1,500.00</td>
</tr>
<tr>
<td>150.00 · Miscellaneous Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>150.01 · Interest, Gain/Loss on Invest</td>
<td>416.69</td>
<td>416.69</td>
<td>0.00</td>
<td>830.24%</td>
<td>1,000.00</td>
</tr>
<tr>
<td>150.02 · HB Munns Fund</td>
<td>1,000.00</td>
<td>0.00</td>
<td>1,000.00</td>
<td>100.0%</td>
<td>1,000.00</td>
</tr>
<tr>
<td><strong>Total 150.00 · Miscellaneous Income</strong></td>
<td>4,459.52</td>
<td>416.69</td>
<td>4,042.83</td>
<td>1,070.23%</td>
<td>2,000.00</td>
</tr>
<tr>
<td><strong>Total Income</strong></td>
<td>597,429.80</td>
<td>517,932.01</td>
<td>79,497.79</td>
<td>115.35%</td>
<td>688,900.00</td>
</tr>
</tbody>
</table>

**Gross Profit**

<table>
<thead>
<tr>
<th>Category</th>
<th>Jul - Nov 19</th>
<th>YTD Budget</th>
<th>$ Over/Under Budget</th>
<th>% of Budget</th>
<th>Annual Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Expenses</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>210.00 · Annual Meeting Expense</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>210.01 · Hotel Expenses</td>
<td>43,500.00</td>
<td>12,412.07</td>
<td>31,087.93</td>
<td>350.47%</td>
<td>105,000.00</td>
</tr>
<tr>
<td>210.02 · Supplies,shipping,printi</td>
<td>1,397.50</td>
<td>1,000.00</td>
<td>397.50</td>
<td>139.75%</td>
<td>6,500.00</td>
</tr>
<tr>
<td>210.03 · Reeves Award</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>2,000.00</td>
</tr>
<tr>
<td>210.04 · Program Printing</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>2,300.00</td>
</tr>
<tr>
<td>210.05 · Awards and Raffle Prizes</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>1,200.00</td>
</tr>
<tr>
<td>210.06 · Banquet Program</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>2,000.00</td>
</tr>
<tr>
<td>210.08 · Speaker Expenses</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>3,200.00</td>
</tr>
<tr>
<td>210.09 · Conference Tournament</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>2,700.00</td>
</tr>
<tr>
<td>210.11 · Exhibit Hall Set Up</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>4,700.00</td>
</tr>
</tbody>
</table>
## Profit & Loss Budget Performance

**July through November 2019**

<table>
<thead>
<tr>
<th></th>
<th>Jul - Nov 19</th>
<th>YTD Budget</th>
<th>$ Over Budget</th>
<th>% of Budget</th>
<th>Annual Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td>210.12 · Trustee Training</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>2,000.00</td>
</tr>
<tr>
<td>210.13 · Staff Travel</td>
<td>461.84</td>
<td>0.00</td>
<td>461.84</td>
<td>100.0%</td>
<td>5,500.00</td>
</tr>
<tr>
<td>210.14 · Audio Visual</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>15,000.00</td>
</tr>
<tr>
<td>210.15 · Convention Workshop Expense</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>3,000.00</td>
</tr>
<tr>
<td>Total 210.00 · Annual Meeting Expense</td>
<td>45,359.34</td>
<td>13,412.07</td>
<td>31,947.27</td>
<td>338.2%</td>
<td>155,100.00</td>
</tr>
<tr>
<td>220.00 · Continuing Education Expense</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>500.00</td>
</tr>
<tr>
<td>220.01 · Production Costs</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>500.00</td>
</tr>
<tr>
<td>Total 220.00 · Continuing Education Expense</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>500.00</td>
</tr>
<tr>
<td>300.00 · Legal Expense</td>
<td>225.00</td>
<td>4,000.00</td>
<td>-3,775.00</td>
<td>5.63%</td>
<td>4,000.00</td>
</tr>
<tr>
<td>300.01 · Requested Counsel</td>
<td>225.00</td>
<td>4,000.00</td>
<td>-3,775.00</td>
<td>5.63%</td>
<td>4,000.00</td>
</tr>
<tr>
<td>Total 300.00 · Legal Expense</td>
<td>225.00</td>
<td>4,000.00</td>
<td>-3,775.00</td>
<td>5.63%</td>
<td>4,000.00</td>
</tr>
<tr>
<td>400.00 · Legislative Program Expense</td>
<td>50,000.00</td>
<td>50,000.00</td>
<td>0.00</td>
<td>100.0%</td>
<td>120,000.00</td>
</tr>
<tr>
<td>400.01 · Advocate Contract</td>
<td>0.00</td>
<td>750.00</td>
<td>-750.00</td>
<td>0.0%</td>
<td>750.00</td>
</tr>
<tr>
<td>400.07 · Legislative Day</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>8,000.00</td>
</tr>
<tr>
<td>400.08 · Legislative Outreach</td>
<td>775.70</td>
<td>2,500.00</td>
<td>-1,724.30</td>
<td>31.03%</td>
<td>10,000.00</td>
</tr>
<tr>
<td>Total 400.00 · Legislative Program Expense</td>
<td>50,775.70</td>
<td>53,250.00</td>
<td>-2,474.30</td>
<td>95.35%</td>
<td>138,750.00</td>
</tr>
<tr>
<td>500.00 · Regulatory Program Expense</td>
<td>25,000.00</td>
<td>25,000.00</td>
<td>0.00</td>
<td>100.0%</td>
<td>60,000.00</td>
</tr>
<tr>
<td>500.01 · Regulatory Contract</td>
<td>25,000.00</td>
<td>25,000.00</td>
<td>0.00</td>
<td>100.0%</td>
<td>60,000.00</td>
</tr>
<tr>
<td>Total 500.00 · Regulatory Program Expense</td>
<td>25,000.00</td>
<td>25,000.00</td>
<td>0.00</td>
<td>100.0%</td>
<td>60,000.00</td>
</tr>
<tr>
<td>600.00 · Mgmt Services &amp; Admin Exp</td>
<td>52,000.00</td>
<td>52,000.00</td>
<td>0.00</td>
<td>100.0%</td>
<td>124,800.00</td>
</tr>
<tr>
<td>600.01 · Management Contract</td>
<td>26,275.00</td>
<td>25,000.00</td>
<td>1,275.00</td>
<td>105.1%</td>
<td>60,000.00</td>
</tr>
<tr>
<td>600.016 · PR Expenses</td>
<td>0.00</td>
<td>2,500.00</td>
<td>-2,500.00</td>
<td>0.0%</td>
<td>6,000.00</td>
</tr>
<tr>
<td>600.02 · Insurance</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>4,000.00</td>
</tr>
<tr>
<td>600.03 · CC Trans./Bank Fees</td>
<td>6,162.77</td>
<td>4,349.62</td>
<td>1,813.15</td>
<td>141.69%</td>
<td>9,500.00</td>
</tr>
<tr>
<td>600.04 · Audit/Financial Review</td>
<td>8,108.00</td>
<td>7,800.00</td>
<td>308.00</td>
<td>103.95%</td>
<td>9,500.00</td>
</tr>
<tr>
<td>600.05 · Telephone,Fax,&amp; Internet</td>
<td>778.12</td>
<td>625.00</td>
<td>153.12</td>
<td>124.5%</td>
<td>1,500.00</td>
</tr>
<tr>
<td>600.06 · Photocopies</td>
<td>343.00</td>
<td>625.00</td>
<td>-282.00</td>
<td>54.88%</td>
<td>1,500.00</td>
</tr>
<tr>
<td>600.10 · AMCA Sustaining Membersh</td>
<td>0.00</td>
<td>500.00</td>
<td>-500.00</td>
<td>0.0%</td>
<td>500.00</td>
</tr>
<tr>
<td>600.12 · State Filing Fees &amp;Taxes</td>
<td>0.00</td>
<td>200.00</td>
<td>-200.00</td>
<td>0.0%</td>
<td>200.00</td>
</tr>
<tr>
<td>600.15 · Membership/Website</td>
<td>7,279.03</td>
<td>6,745.12</td>
<td>533.91</td>
<td>107.92%</td>
<td>9,000.00</td>
</tr>
<tr>
<td>600.16 · Postage</td>
<td>758.85</td>
<td>251.84</td>
<td>-507.01</td>
<td>66.65%</td>
<td>750.00</td>
</tr>
<tr>
<td>600.17 · Supplies</td>
<td>9.78</td>
<td>312.50</td>
<td>-302.72</td>
<td>3.13%</td>
<td>750.00</td>
</tr>
<tr>
<td>600.20 · Miscellaneous</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>200.00</td>
</tr>
<tr>
<td>600.21 · Storage</td>
<td>644.19</td>
<td>708.31</td>
<td>-64.12</td>
<td>90.95%</td>
<td>1,700.00</td>
</tr>
<tr>
<td>600.23 · Dead Bird Hotline</td>
<td>33,000.00</td>
<td>33,000.00</td>
<td>0.00</td>
<td>100.0%</td>
<td>33,000.00</td>
</tr>
<tr>
<td>Total 600.00 · Mgmt Services &amp; Admin Exp</td>
<td>134,767.74</td>
<td>134,617.39</td>
<td>150.35</td>
<td>100.11%</td>
<td>262,900.00</td>
</tr>
<tr>
<td>700.00 · Publications Expense</td>
<td>0.00</td>
<td>7,200.00</td>
<td>-7,200.00</td>
<td>0.0%</td>
<td>7,200.00</td>
</tr>
<tr>
<td>700.02 · Annual Yearbook</td>
<td>0.00</td>
<td>0.00</td>
<td>0.00</td>
<td>0.0%</td>
<td>3,000.00</td>
</tr>
<tr>
<td>700.03 · Pamphlets, Guides, Misc</td>
<td>0.00</td>
<td>200.00</td>
<td>-200.00</td>
<td>0.0%</td>
<td>200.00</td>
</tr>
<tr>
<td>700.06 · Editor's Fee</td>
<td>3,200.00</td>
<td>0.00</td>
<td>3,200.00</td>
<td>100.0%</td>
<td>5,200.00</td>
</tr>
</tbody>
</table>
## MVCAC

### Profit & Loss Budget Performance

**July through November 2019**

<table>
<thead>
<tr>
<th>Description</th>
<th>Jul - Nov 19</th>
<th>YTD Budget</th>
<th>$ Over Budget</th>
<th>% of Budget</th>
<th>Annual Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Total 700.00 · Publications Expense</strong></td>
<td>3,200.00</td>
<td>7,400.00</td>
<td>-4,200.00</td>
<td>43.24%</td>
<td>15,600.00</td>
</tr>
<tr>
<td><strong>800.00 · BOD Mgt.&amp;Workshop Exp (Combined)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>800.01 · Board &amp; Workshop Exp</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>800.011 · AV</td>
<td>220.00</td>
<td>0.00</td>
<td>220.00</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td>800.014 · Staff Travel</td>
<td>257.52</td>
<td>0.00</td>
<td>257.52</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td>800.07 · Committee Expenses</td>
<td>0.00</td>
<td>400.00</td>
<td>-400.00</td>
<td>0.0%</td>
<td>400.00</td>
</tr>
<tr>
<td><strong>800.01 · Board &amp; Workshop Exp · Other</strong></td>
<td>0.00</td>
<td>2,000.00</td>
<td>-2,000.00</td>
<td>0.0%</td>
<td>2,000.00</td>
</tr>
<tr>
<td><strong>Total 800.01 · Board &amp; Workshop Exp</strong></td>
<td>477.52</td>
<td>2,400.00</td>
<td>-1,922.48</td>
<td>19.9%</td>
<td>2,400.00</td>
</tr>
<tr>
<td><strong>800.02 · Fall, Winter &amp; Spring Meeting</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>800.021 · AV</td>
<td>0.00</td>
<td>11,000.00</td>
<td>-11,000.00</td>
<td>0.0%</td>
<td>11,000.00</td>
</tr>
<tr>
<td>800.022 · Hotel (Room Rental and F&amp;B)</td>
<td>5,573.69</td>
<td>26,000.00</td>
<td>-20,426.31</td>
<td>21.44%</td>
<td>26,000.00</td>
</tr>
<tr>
<td>800.024 · Staff Travel</td>
<td>1,326.40</td>
<td>6,500.00</td>
<td>-5,173.60</td>
<td>20.41%</td>
<td>6,500.00</td>
</tr>
<tr>
<td><strong>Total 800.02 · Fall, Winter &amp; Spring Meeting</strong></td>
<td>6,900.09</td>
<td>43,500.00</td>
<td>-36,599.91</td>
<td>15.86%</td>
<td>43,500.00</td>
</tr>
<tr>
<td><strong>Total 800.00 · BOD Mgt.&amp;Workshop Exp (Combined)</strong></td>
<td>7,777.61</td>
<td>45,900.00</td>
<td>-38,522.39</td>
<td>16.07%</td>
<td>45,900.00</td>
</tr>
<tr>
<td><strong>900.00 · Special Projects Exp</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>900.06 · PR Committee Booth</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total 900.00 · Special Projects Exp</strong></td>
<td>0.00</td>
<td>1,850.00</td>
<td>-1,850.00</td>
<td>0.0%</td>
<td>1,850.00</td>
</tr>
<tr>
<td><strong>Total Expense</strong></td>
<td>266,705.39</td>
<td>285,429.46</td>
<td>-18,724.07</td>
<td>93.44%</td>
<td>684,600.00</td>
</tr>
<tr>
<td><strong>Net Ordinary Income</strong></td>
<td>330,724.41</td>
<td>232,502.55</td>
<td>98,221.86</td>
<td>142.25%</td>
<td>4,300.00</td>
</tr>
<tr>
<td><strong>Other Income/Expense</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Other Income</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>170.00 · Surveillance Income</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>170.01 · Mosquito Pool Tests</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total 170.00 · Surveillance Income</strong></td>
<td>248,940.00</td>
<td>0.00</td>
<td>248,940.00</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total Other Income</strong></td>
<td>248,940.00</td>
<td>0.00</td>
<td>248,940.00</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Other Expense</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>270.00 · Surveillance Expense</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>270.01 · UC Davis - Pools</td>
<td>213,000.00</td>
<td>0.00</td>
<td>213,000.00</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total 270.00 · Surveillance Expense</strong></td>
<td>213,000.00</td>
<td>0.00</td>
<td>213,000.00</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Total Other Expense</strong></td>
<td>213,000.00</td>
<td>0.00</td>
<td>213,000.00</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Net Other Income</strong></td>
<td>35,940.00</td>
<td>0.00</td>
<td>35,940.00</td>
<td>100.0%</td>
<td>0.00</td>
</tr>
<tr>
<td><strong>Net Income</strong></td>
<td>366,664.41</td>
<td>232,502.55</td>
<td>134,161.86</td>
<td>157.7%</td>
<td>4,300.00</td>
</tr>
</tbody>
</table>
### MVCA NPDES Coalition
#### Profit & Loss
##### July through November 2019

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ordinary Income/Expense</td>
<td></td>
</tr>
<tr>
<td>Income</td>
<td></td>
</tr>
<tr>
<td>150.00 · Miscellaneous</td>
<td>150.00</td>
</tr>
<tr>
<td>150.01 · Interest</td>
<td>88.89</td>
</tr>
<tr>
<td>Total 150.00 · Miscellaneous</td>
<td>88.89</td>
</tr>
<tr>
<td>Total Income</td>
<td>88.89</td>
</tr>
<tr>
<td>Gross Profit</td>
<td>88.89</td>
</tr>
<tr>
<td>Net Ordinary Income</td>
<td>88.89</td>
</tr>
<tr>
<td>Net Income</td>
<td>88.89</td>
</tr>
</tbody>
</table>
### Balance Sheet

**As of November 30, 2019**

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>Nov 30, 19</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current Assets</strong></td>
<td></td>
</tr>
<tr>
<td>Checking/Savings</td>
<td></td>
</tr>
<tr>
<td>1005 · Umpqua Bank (Checking)</td>
<td>8,362.46</td>
</tr>
<tr>
<td>1006 · Capital One 360</td>
<td>88,383.46</td>
</tr>
<tr>
<td><strong>Total Checking/Savings</strong></td>
<td>96,745.92</td>
</tr>
<tr>
<td><strong>Total Current Assets</strong></td>
<td>96,745.92</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>96,745.92</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>LIABILITIES &amp; EQUITY</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Equity</strong></td>
<td></td>
</tr>
<tr>
<td>3900 · Retained Earnings</td>
<td>96,657.03</td>
</tr>
<tr>
<td>Net Income</td>
<td>88.89</td>
</tr>
<tr>
<td><strong>Total Equity</strong></td>
<td>96,745.92</td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES &amp; EQUITY</strong></td>
<td>96,745.92</td>
</tr>
</tbody>
</table>
Fall 2019
Post Meeting Full Report
Packet
The meeting was called to order by President Jeremy Wittie at 2:14 PM
Board members present:
Jeremy Wittie
Peter Bonkrude
Truc Dever
Ken Klemme
Conlin Reis
David Heft
Rhiannon Jones
Jared Dever
Joel Buettner
Board Members absent: Donna Rutherford

Staff: Bob Achermann, Rachel Hickerson, Ed Manning, Brian White, Vanessa Cajina, Lisa Yarbrough

There were no additional announcements

Approval of prior meeting minutes
It was moved, seconded and passed (MSP) to approve the minutes from the July 19, 2019 conference call (T Dever/Bonkrude)

Approval of additional agenda items
There were no additional items to add to the agenda

President/Executive Committee Report
Acceptance of 2020-2021 Officers
MSP to accept the results of the officer slate as presented (President: Peter Bonkrude, President Elect: Truc Dever, Vice President: Ken Klemme) (J Dever/Jones)

Acceptance of Award Recipient
MSP Lloyd Douglass for Honorary Member (Jones/D Heft)

Changes to policy handbook and mission statement
Jeremy will have the info out to board in the next week, along with some Bylaw options. All these items will need to be back in time to discuss at the Planning meeting. The Mission statement is still in process and may be something for Peter to continue in his term.
Executive Director/Staff Report
Staff gave updates on where we are internally with any outstanding dues and items that the admin staff are currently working on.

2022 Conference Location (Sacramento) discussion: The group was good with going forward with Sacramento for 2022

Treasurer’s Report
MVCAC Financial Statements as of September 30, 2019
NPDES Financial Statements as of September 30, 2019
Investment Matrix as of September 30, 2019
Audit report
Credit Card Processing fees

Other noted item was that the Dead Bird hotline has been renewed with the $33K in the budget
MSP to approve the treasurers report (Bonkrude/Klemme)

Legal Report
It was noted that we will be working on an anti-harassment policy in the policy and procedures manual. Dick Shanahan has mocked it up, and it will be sent to the executive Committee once completed.

Committee Reports
10.01 Information Technology- No report
10.02 Integrated Vector Management- Jamie Scott
10.03 Lab Technologies- Eric Haas Stapleton
10.04 Legislative- Conlin Reis
10.05 Public Relations- Megan Sebay and Lisa Yarbrough
10.06 Training and Certification- John Fritz
10.07 Vector and Vector-Borne Disease- Marsha Reed
10.08 Vector Control Research- Wakoli Wakesa
10.09 Nominating- no report
10.10 NPDES/Regulatory Affairs/Trash Capture Devices- Jennifer Henke
10.11 Reeves New Investigator Award - Jamie Scott
10.12 CalSurv Steering Committee- Chris Barker

Reports from MVCAC Regions
11.01 Southern
11.02 South San Joaquin
11.03 North San Joaquin
11.04 Sacramento Valley
11.05 Coastal
Reports from Other Agencies

12.01 DART
12.02 CDPH/VBDS
12.03 VCJPA
12.04 AMCA
12.05 CSDA

Old Business
Vector Borne Disease Network
Peter gave an overview of the Network. ESA has started it and is trying to branch out to gain more members who may be interested. This has included other state associations, AMCA and PacVec. No money is required at this time to become a member. Bob will reach out to get more information to bring back to the group.

New Business
Ethics and Harassment prevention trainings going forward
It was discussed that the Trustee Council has asked not to have an Ethics training at this upcoming conference as has been done in the past. The group felt this was fine but keeping the Harassment training would be important in the off years.

Utility Vaults
Conlin brought up the subject of utility vaults and their impact to control efforts, especially in those districts with high amounts of aedes. This has been referred to Regulatory Affairs.

New managers and staff were asked to introduce themselves to the room.

MSP to adjourn at 4:00pm (T Dever/Bonkrude)
Treasurer’s Report - Via Email from David I'Anson
Good afternoon sorry I cannot be in attendance please see below Treasurer Report.

For the MVCAC Profit & Loss Budget Performance (Pg10) I would like to see some amendments to the report - first column change to Annual Budget, second column actual revenue/expenditure (July – Aug), third column variance (annual budget minus actual) final column % of annual budget. Remove YTD Budget & % over Budget.

<table>
<thead>
<tr>
<th>Annual Budget</th>
<th>Actual (July – Aug)</th>
<th>Variance (annual budget minus actual)</th>
<th>% of annual budget</th>
</tr>
</thead>
</table>

Profit & loss shows that for August 31 we have received total revenue of $416,435 which is 60 % of total budgeted revenue. The majority of revenue for July and August is corporate dues. Total expenditure for the same period is $75,230, 11% of total budget. Net ordinary income for period August 31 is $344,200.11

Balance Sheet shows $876,108 cash in checking savings. Checking account has $565,726

Investments – investments total $305,370 CD Maturing in November – Bob to contact the bank for options

Audit Report – Management Letter – did not identify any deficiencies in internal control considered material weaknesses – this means a clean audit! Good job everyone!
The financial reports include surveillance revenue and expenses, these items are not part of the MVCAC budget. The audit states that under Revenue Recognition page 9 that Surveillance income is recognized when earned based on the quantity ordered from the Districts for surveillance of chicken blood samples and mosquito pools. Surveillance revenue should equal expense so therefore cancel each other out. The reports highlight a difference, showing that expenses are higher than revenue and that MVCAC are picking up the difference. Can we look at why this is the case and make sure that the Districts are paying the correct amount, or include the difference as a budget line.

Audit financials show that MVCAC revenue (excluding surveillance) for fiscal year ending June 30, 2019 was $679,055, in 2018 the revenue was $615,713. Membership dues revenue increased by 49,242 from 2018 to 2019.

Expenses excluding (surveillance and NPDES dues refund) show that fiscal year ending June 30, 2019 was $666,178, in 2018 it was $614,211. On pages 5 & 6 of the audit report the breakdown of program services expenses are displayed. A couple of items to note, in 2019 the Annual Meeting total expenses are $163,357 an increase of $20,000 on the previous fiscal year and Legislative programs expenses in 2019 was $145,203 in 2018 was $130,780.

Statement of Financial Position shows that MVCAC net assets decreased by $9,060 from July 1, 2018 to June 30, 2019. As of June 30, 2019 total cash is $354,470, total investments $302,325. This is an increase on prior however the Statement of Financial Position shows Deferred Revenue of $172,074. This includes membership dues collected early but are for fiscal year 2019-20.

In summary the Association looks healthy financially – fiscal year 2019-20 the budget forecast is for a small surplus.
Trustee Council Report

The Trustee Council lost our member, Tom Anderson, he passed away May 2019. Tom was a trustee on the Butte County MVCD and Representative for the Sacramento Valley Region. He developed the Trustee Council Survey and was able to send it out to his region. I am happy to report we received some responses to the surveys.

I will report the results hopefully at the Annual Conference.
MVCAC Regulatory Affairs Committee

Discussed the complications the Coastal region has encounter acquiring source reduction permits particularly focused on the need to apply for a CDFW Lake and Streambed Alteration Agreement (LSAA) for work that is primarily done in pickleweed marshes. Plan to look into if it is possible to expand the existing MOU between MVCAC and CDFW for A8 896, mosquito and vector control on managed wetland areas (defined as: artificially irrigated and intensively managed wetland habitat administered primarily for the benefit of waterfowl and other wetland-dependent species).

- Need to get feedback from the districts on these 4 questions:
  - What does it cost your district to survey and treat CDFW owned and managed property?
  - What do you charge CDFW for this work?
  - What does CDFW pay you for this work?
  - By what mechanism do you receive reimbursement (standing contract, direct invoice, abatement, other - please elaborate)?

(I can send a follow up email to managers that can be forwarded to the appropriate district contact.)

San Francisco Bay Restoration Authority

The request for proposals for grant round 3 has been released. Deadline for the proposals is December 13th. As a recap, 5 projects were recommended for funding with the round 2 grants:

- Tiscornia Marsh Restoration and Sea Level Rise Adaptation Project
- South San Francisco Bay Shoreline Project (multi-year funding of approx. $11 million/year)
- Lower Walnut Creek Restoration Project
- Coyote Hills Restoration and Public Access Project
- Heron’s Head Park Shoreline Resilience Project (partial funding)

The first 2 projects listed have already been authorized. The remaining 3 will go to the board in December.

Wetland Regional Monitoring Program

Comments on the draft Program Plan were due on 10/18. Our District submitted comments that were primarily focused on reordering the prioritization (which is sequential) of the management questions that were developed. Currently the questions are ordered as:

1. Where are the region’s tidal wetlands and wetland projects, and what net landscape changes in area and condition are occurring?
2. How are external drivers, such as accelerated sea level rise, development pressure, and changes in runoff and sediment supply, impacting tidal wetlands?
3. How do policies, programs, and projects to protect and restore tidal wetlands affect the distribution, abundance, and health of plants and animals?
4. What new information do we need to better understand regional lessons from tidal wetland restoration and enhancement projects in the future?
Vector Control Research

Chair: J. Wakoli Wekesa, East Side MAD

Members
Chris Barker, University of California, Davis
Eric Haas-Stapleton, Alameda County MAD
Jennifer Henke, Coachella Valley MVCD
Melissa Doyle, San Gabriel Valley MVCD
Shaoming Huang, San Joaquin County MVCD
William Reisen, University of California, Proceedings Editor
Mary Sorensen, Placer MVCD
Steven Su, West Valley MVCD
Noor Tietze, Santa Clara County VCD
Bill Walton, University of California, Riverside
Sarah Wheeler, Sacramento/Yolo MVCD
Jeremy Wittie, Coachella Valley MVCD (Board Liaison)
Sarah Billeter, CDPH/VBDS, Ontario
Rachel Hickerson, AMG

Standing Charges

1. Review and determine the research needs of the Association.
   a) Identify areas that require academic level research that would improve the efficacy and efficiency of IVM programs.
   b) Determine regional and state research priorities from the Districts to share with the UC Center of Excellence and encourage collaborations between agencies.
   c) Encourage Districts to work with academic partners to submit joint projects to UC Center of Excellence for funding to fill local research gaps, an opportunity to provide internship training to young researchers.

2. Provide support and guidance for the publication of the Proceedings and Papers of the Mosquito and Vector Control Association of California.

2020 Charges

1. Identify and collaborate on investigations at the District level to improve the efficacy and efficiency of IVM programs, and encourage member districts to conduct collaborative research.

2. Determine research needs from MVCAC Committees such as Vector Borne Diseases, IVM, PR, and regulatory affairs and work with them for appropriate solutions.

3. Identify the research priorities at the UC Centers of Excellence, encourage Districts to partner with UC Researchers on priority research, and disseminate to MVCAC groups.
Minutes from Fall 2019 Laboratory Technologies Committee

1. Committee Chair Haas-Stapleton called the scheduled committee meeting to order at 10:05 am on October 29, 2019
2. Agenda approved
3. Announcements
   a. Delta Vector Control District provided a reminder of the tour at their facility immediately following the Fall Meeting.
4. Discussion of the UAS workshop for the Annual Meeting. Recommendations were:
   a. Mini-symposium at the conference center followed by demonstration at nearby airfield
   b. Mini-symposium topics to consider: pilot certification steps and timeline for getting District staff flying, costs, privacy issues, other applications of drones in mosquito control.
   c. Demonstration recommendations: landscape imaging and treatment, set up stations at the airfield for each person that is demonstrating a drone, no more than six workshop attendees per person that will demonstrate a drone.
   a. Discussion to allow for the key to downloaded without cost to members via the MVCAC web site. Richard Meyer attended this LTC meeting and expressed support to provide a PDF of the key for members to download without cost from the MVCAC web site.
   b. The four volume set of the key already contains Aedes aegypti and Ae. albopictus, but these species are absent from the master single volume taxonomic key.
   c. LTC will obtain a clean copy of the master taxonomic key (single volume) and scan it so that Aedes aegypti and Ae. albopictus can be included.
   d. Recommend that Ae. notoscriptus be included. Greater Los Angeles County Vector Control District has a key for Ae. notoscriptus and will provide it to the LTC.
   e. Recommend that high resolution images of mosquitoes be included in the key.
6. Discussion of District evaluation of RNA extraction kits.
   a. Kara Kelly from Sac-Yolo MVCD presented their findings of the evaluation. Recommended that Districts which are evaluating the kits use specimens from a dead bird or positive mosquito pool, not the standards or unknown specimens from the DART proficiency panel because the lysis buffers are not compatible with some kits. They found that the Pathogen RNA/DNA CORE is simplest to use because all of the reagents are stored at one temperature and the protocol is more streamlined. Although the Ct values obtained from that kit were on average 1.45 lower than a competitor, the work effort that was saved does not offset this minimal increase in sensitivity.
7. Alameda County MAD in collaboration with Sac-Yolo MVCD has developed a single quantitative PCR assay that detects the single nucleotide polymorphism that is associated with pyrethroid resistance for all *Culex spp.* mosquitoes that have been assessed.

8. Agenda items that were not discussed because of time constraints:
   a. 3D printing of equipment for mosquito monitoring and control
   b. Discussion of laboratory developments and refinement needs
   c. First discussion to revise Standing and 2019 Charges
I. Welcome, roll call and announcements

Members Present: Megan Sebay, Allison Bray, Erika Castillo, Aaron Devencenzi, Anais Medina Diaz, Dan Wilson, Nola Woods, Jared Dever, & Lisa Yarbrough

Absent: Allyx Nicolici, Conlin Reis, Luz Robles, Nizza Sequeira, Levy Sun

II. Committee Projects

1. Issues Management Communication Plan: Plan is complete. Binders have been printed. Training to be held following this committee meeting. Training will involve an interactive scenario. Once training has concluded, this charge will be completed.

2. Statewide Survey: Considered complete

3. IVM White Paper: Mostly complete. Is currently in rounds of editing. Next step is review by Legislative Committee and PR Committee. Following review, it will go to the Board.

4. Best Practices for Aedes Outreach: We recently put out the survey regarding other Districts’ experiences with Aedes, but have not received a response. (Vicki K comment: Next week’s teleconference to address the survey.)

5. California Association of Nurseries: Handout available on MVCAC website under Brochures & Fact Sheets. There are English and Spanish versions available. They are created so that you can insert your District information. Next Step: Roll out handout around the state next spring. The chief challenge is trying to contact the correct contacts at various nurseries.

6. Speakers Bureau for MVCAC issue: Compiling Third Party experts to turn to. Next Step: To reach out to them to determine interest and availability

7. Conference Strategy: Association of Residential Property Managers (submitted speaker abstract and registered as an exhibitor), CA Park & Recreation Society (confirmed as an exhibitor and speaker), submitted a speaker request for the UC Master Gardeners Conference and will participate in Ag Day at the Capitol in March 2020.

8. Pacific Southwest Center of Excellence in Vector-borne Diseases Strategy: No report

9. Old MVCAC PR Website Integration/Agency Spotlight: Members are encouraged to participate by submitting offerings for Agency Spotlight. Levy wants help with website integration.

10. CalSurv Steering Committee: CalSurv now exists by statute. The website has undergone a dramatic overhaul and the CalSurv committee is asking the PR committee to create an outreach program that explains in simple terms what CalSurv is and why it is important to Californians. This would serve has valuable to educate both citizens and lawmakers on Leg. Day. Goal is to have outreach ready by March for Leg. Day. Ideas/Discussion:

   a. Create a template presentation to also insert video and text to serve as a tool to help with legislators
b. We need a tri-fold. Nola will work with Lisa, Megan and Chris on tri-fold.
c. What does the public find most interesting? Look at who are our audiences to target messages.
d. Use data from the ABC 30 story to see what people responded to in the link.
e. Can we characterize the risk from the public point of view? Like a visual risk map?
f. Could the PR committee work on talking points – base knowledge messages to build upon the specifics? What are our limitations? Calls for companion responses – base messaging for mosquitoes because people don’t understand what we do.
g. The conversation returned to the risk map idea and a discussion of options on the CalSurv website specifically.
   i. Add tick data to CalSurv
      1. The CalSurv tick-borne disease map has not been updated in a couple of years, but the goal this winter is to go live. Social media posts will be starting during adult tick season.
   ii. The maps @ CalSurv are a half mile off, so they may differ between CalSurv map and a treatment map.
      1. Thinking of air quality maps, if we have a similar map that includes historical data of what we see in color coded areas with messages to wear repellent in the red area....
      2. In Fresno County, our whole county was red, but we can’t spray the whole area. To use a heat map would have been a PR nightmare. So, we pushed personal protection county-wide.

h. Chairwoman Sebay: With so many different situations discussed here, we need to create messages for the largest number of people.

III. Other Topics (All Members), including assigning to new members to subcommittees
1. Chairwoman Sebay has received a request from the Chair of the Trustee Council to provide a presentation on how outreach works and what outreach programs do.
   a. Chairwoman Sebay asks for feedback from Districts that includes an example of what PR looks like at individual Districts.
2. Placer County MVCD General Manager Joel Buettner introduced Meagan Luevano as the District’s new PIO and inquired about how Meagan could be added to the PR Com.
3. Northwest MVCD has a new Public Information and Technology Officer: Eric Ballejos
4. Coachella Valley MVCD has a new PIO: Tammy Gordon

Meeting adjourned 10:00 a.m.
Agenda

Vector and Vector-Borne Disease Committee
October 30, 2019 Fall Quarterly Meeting
8:00 am-9:00 am, Visalia

Called to order at 8:00 AM
Committee members present:
Marcia Reed Sac Yolo MVCD
Chris Barker, UC Davis
Susanne Kluh, Greater LA County VCD
Angie Nakano, san Mateo MVCD
Monica Patterson, Turlock MAD
William Reisen, UC Davis
Steve Schutz, Contra Costa MVCD
Jamesina J. Scott, Lake County VCD
Kim Hung, Coachella Valley MVCD
Mir Bear-Johnson, Delta VCD

Absent
Mary Sorensen, Placer MVCD
Steven Su, West Valley MVCD
Lark Coffey, UC Davis
Bruce Eldridge, UC Davis
Vicki Kramer for Tina Feiszli, CDPH/VBDS, Richmond

24 attendees

Standing Charges:

1. Review and present new information on vectors and vector-borne diseases of interest to the MVCAC and make recommendations for their surveillance and control.
2. In cooperation with Laboratory Technologies Committee, develop long term plans and agreements among DPH, UC Davis and MVCAC to ensure continuation of statewide surveillance program and appropriate diagnostics.

2019 Charges:

1. Develop comprehensive Emerging Vector-borne Disease Response Plan to control and contain potential outbreaks of dengue, chikungunya or Zika virus. Include in this plan details as to control techniques and recommended equipment, control products, etc...
AGENDA:
1. Welcome and any announcements – Marcia
2. Additions to agenda -
3. Arbovirus Surveillance -
   a. Mosquito pool testing and proficiency panel results – Chris
      i. Mosquito pools tested
      ii. WNV+ mosquito pools
      iii. SLEV+ mosquito pools
   iv. 
   b. Chicken Testing – Vicki Kramer for Tina
      i. Chris Barker mentioned that placing chx in most sensitive locations makes them a more effective sentinel. They ran several flocks in Davis this year, and found variance among the WNV rates
      ii. In 2019, there were 108 sentinel chicken flocks in 25 counties.
      iii. VBDS lab has tested ~8,300 samples from 25 counties.
      iv. As of October 25, there were:
         1. 133 WNV seroconversions detected among 41 flocks in 17 counties. (1st seroconversion was from LA County on July 25).
         2. Three SLEV seroconversions from 2 flocks in Merced County.
   v. No increases in the cost of testing, it will remain at $9.50 per sample in 2019.
   vi. The ranches will be contacted next month to determine pick up dates for next season. Newcastle quarantine in SoCal still in effect, so this may again affect chicken availability in the southern region
   c. Dead Bird Surveillance – Vicki Kramer for Tina
      i. The hotline and dead bird program received over 5,100 reports this year. 47% of the reports were received through the online report form.
      ii. Over 1,600 birds from 39 counties were tested and to date, 202 (12%) dead birds have tested positive for WNV from 21 counties.
      iii. The WNV Dead Bird “live” hotline closed on October 11, but the public can continue to report dead birds online. CDPH staff will call residents with suitable birds and submit them to those agencies who want to continue testing. Otherwise, all zip codes are closed until the hotline reopens next spring.
   d. Other Vector-Borne Diseases – Vicki Kramer for Tina
      i. Hantavirus: 2 cases reported this year, none fatal. Both were residents of Mono County and exposure was peridomestic.
      ii. Plague: No human cases this year, but activity was detected in rodents, fleas, and carnivores.
         1. 600 nobuto samples were tested for plague antibodies from 28 counties, and 12 samples were positive from 5 counties: El Dorado, Inyo, Mono, Nevada and Plumas
2. CDPH tested 119 flea pools from 19 counties; 1 pool was positive from Nevada County.

iii. **Typhus**: Monthly updates available on VBDS webpage. As of October 1, 86 cases have been reported to CDPH; of these 69 are from LA County, and 11 from Orange.

iv. **Tick Testing**
1. For the 2018-2019 season Borrelia prevalence values are consistent with patterns from previous years. Ticks were collected and tested from 25 counties.
2. Approx. 3,400 adult *I. pacificus* tested: 0.6% were positive for *B. burgdorferi* s.l and 0.8% were positive for *B. miyamotoi*.
3. Approx 1,100 nymphs tested: 5% were positive for *B. burgdorferi* s.l and 2.0% were positive for *B. miyamotoi*.
4. In addition to *Borrelia* testing, other tick testing capacity at CDPH includes anaplasma, tularemia, and in collaboration with VRDL, SFGR testing.

v. **Tick-borne Disease cases of note:**
1. A pediatric case of **Pacific Coast Tick Fever** reported from Alameda County—had an unusual exposure location in an urban park in Oakland. Follow up tick surveillance was conducted by Alameda VCD and CDPH in August—no ticks were found, but additional tick surveillance will be conducted this fall and spring.
2. Three **Anaplasma** cases with exposure in CA counties: Marin, Humboldt, and Mendocino. Follow up tick surveillance is pending.
3. **5 Tickborne Relapsing Fever cases.**
   a. Two of the cases with likely exposure in South Lake Tahoe area (no follow up was done—not granted access to properties).
   b. Family cluster (3 cases) with exposure in Mono County. Follow up investigation by Mono Co. Env Health and VBDS found that the house had evidence of rodent activity both in the attic and interior, and all cases had slept on the floor.

vi. The next Lyme Disease Advisory Committee (LDAC) teleconference will be on Wednesday, Nov. 6. If anyone would like to dial in, they can email Vicki Kramer.

4. **Gateway news - Chris**
   a. Will start tagging some of the data in Tableau so we can make our own zones. If we send our shape files to Chris, then he will add that in so we can have breakdowns by operator zones within our districts, etc.
   b. Records that have issues & require attention from the Districts are in the Sandbox. Soon the live CalSurv will have an Issues Report that will list the records that need attention, so that each District can review & and address.
   c. Discussion of adding time for BG Counter Traps.
5. Annual Meeting Proceedings Update – Bill
   a. Bill has the final PDF from Allen Press and it looks good. MVCAC changed to Allen Press for publishing the Proceedings. They’ve been easy to work with.
   b. Plan is to distribute paper copies of the Proceedings by December this year
   c. Bill encouraged everyone to submit something from their talks at the meeting. There are 4 categories: **Submitted papers** that aren’t given at the meeting, **Submitted papers** from the talks given at the meeting, **Extended Abstracts** (usually 1-3 pages, and may include 1-2 figs or tables), or publish the **paragraph** you submit with your application to speak. The goal is to record what we do, and let us build on others’ work so we don’t have to repeat their work.

6. 2019 Charge- review/update/assignment - Marcia
   a. Emerging Vector-Borne Disease Response Plan (Invasive - container *Aedes* spp. borne)
      i. Specifically for operational surveillance response to invasive *Aedes*
      ii. Goal is to compile the methods that Districts are using in their invasive *Aedes* programs—larviciding, adulticiding, surveillance, etc.
      iii. Plan to have a meeting at or before the annual meeting in San Diego

7. Invasive *Aedes* Updates –
   a. Placer found 2 *Ae. Aegypti* on the Placer-Sac border
   b. This summer Sac-Yolo found 2 focal areas of about 40-50 acres each. Mostly adults, not as many larval detection
      i. Running AC-powered CO2 sentinel traps at 5 locations through the winter to assess population level.
      ii. Found another *Ae. aegypti* in the pocket area. After much effort, they discovered that the household had a Lucky Bamboo plant with *Ae. aegypti* they received for a housewarming gift from a friend in Riverside County.
   c. Coachella has an SLN for using Chlorox bleach as an ovicide
   d. GLACVCD has found that physically removing *Aedes* sources is a successful strategy to reduce larval habitat in residential yards. Residents typically do not replace what is removed. Pumping our yard drains & screening both ends work. Hopes to release Wolbachia-infected male *Ae. aegypti* in 2020. Have applied for a Section 18 permit with Sac-Yolo & Placer. Looking at three 5 mi2 areas in LA & OC. Est cost is $500,000/yr with MosquitoMate. Similar to MedFly program. To do routinely countywide, would be about $5/parcel. *Aedes* infestation is so severe in some places that yards are not usable. For $5/yr, residents may be able to enjoy & use their yards again.
   e. Angie explained that San Mateo intentionally left larval sources in yards—ones there easy to monitor & treat—because their infestation area wa so limited that they didn’t want to drive the mosquitoes to seek out cryptic sources or spread beyond the known boundary

8. New items, Comments and/or Suggestions –
   a.
MVCAC Research Priorities 2020

Note: This list shall be updated by the Vector Control Research Committee with input from all member regions and be presented to the MVCAC board at the December 2019 Planning Meeting.

I. Increase understanding of insecticide resistance (adulticide and larvicide resistance) in California mosquito populations, including:
   • Statewide occurrence, severity, and types of resistance
     – A statewide database for entering and analyzing adult and larval mosquito resistance data
     – CalSurv PART resistance database to host historical DPR agriculture pesticide use and local agency’s use data from which display of resistance and use maps can be generated
   • Tools for detecting and measuring resistance (molecular, biochemical, or bioassay) and guidelines for interpretation of resistance data and control program response
     – Specific goal example: Kdr testing of Culex tarsalis, Culex pipiens complex, Aedes aegypti, Ae. albopictus and other common vector species

Rationale: Insecticide resistance is becoming an increasing problem for mosquito control agencies in California. There is a critical need for solutions to combat resistance in mosquito populations.

II. Investigate novel chemistries and methodologies for the control of mosquitoes (including: larvicides, adulticides, synergists, biorational pesticides, biological control, and ecological management strategies) to combat insecticide resistance in California mosquito populations, for example:
   • Products and application methods that can overcome resistance (novel chemistries, synergists, or guidelines for use of existing products)
   • Test insecticide resistance in California populations of invasive Aedes
   • Adaptation of existing insecticides that are not currently used for public health for mosquito control
   • Evaluation of novel control strategies, including sterile male release, transgenic mosquitoes engineered to be refractory to infection, and Wolbachia-based strategies, for control of invasive Aedes and other mosquito species

Rationale: There are limited insecticide modes of action currently available to control mosquitoes, and many of those modes of action are also the basis for widely used pest control products outside of mosquito control. The widespread use of these chemistries is known to have produced insecticide resistance in mosquitoes across the State.
III. Detect and combat invasive mosquito species and emerging pathogens, for example:

- Analyze the efficacy and economics of control strategies for invasive Aedes
- Evaluate the vector capacity of California mosquito species for dengue virus and other emerging pathogens
- Understand the ecology of invasive Aedes in California, including dispersal, blood-feeding patterns, oviposition preferences, and overwintering strategies
- Define optimal surveillance strategies for detection and ongoing surveillance of invasive Aedes, incorporate collection of local mosquito species in such new trapping systems, including potential citizen-science type engagement with the public
- Evaluation of the effectiveness of specific messages or communication strategies in producing desired behavioral change in the target communities, neighborhoods, or populations (including reducing invasive Aedes habitat on specific properties, wearing mosquito repellents, or generating a service request)
- Further develop methods of understanding environmental habitats suitable for invasive Aedes, modelling of habitat suitability using environmental conditions to map infestation

Rationale: The introduction of Aedes aegypti and Aedes albopictus has changed the vector control landscape in California. These urban container breeding mosquitoes require different control strategies than native mosquito species and are capable of vectoring numerous human pathogens, including important pathogens previously absent from California. Outreach and public education is the integral part of the adaption of local communities to the presence of these vectors and potential for transmission of several exotic diseases. In addition to changes in key messages as Aedes infestations grow, agencies also must find sustainable and cost-effective ways to influence the change in residents’ behavior.

IV. Improve methods for evaluating and conducting area-wide mosquito control efforts

- Develop optimized and statistically sound methods for the evaluation of adulticide and larvicide control applications
- Improve methods of area-wide application
- Development of core competencies in utilizing hand-held and vehicle-mounted adulticide and larvicide control application tools, and develop guide for statewide use

Rationale: Evaluating mosquito control applications allows agencies to optimize application rates and techniques, determine suitability of new products, limit off-target treatments, and to assess efficacy of control efforts. There are currently many tools for evaluating mosquito control applications; however, accurate assessments pose many challenges. There is a need for guidelines, based on field data, to help standardize the assessment of control efforts. Allowing mosquito control agencies to better target future control efforts.

V. Updated key to California mosquitoes, including invasive Aedes species
• Complete annotation of keys for Mosquitoes of California, consider a no cost downloadable version

**Rationale:** Invasive *Aedes* species are expanding their range in California, so it is important that statewide keys reflect their presence, and provide taxonomic features for their identification. The key may also benefit by being updated to a digital format.

VI. **Neglected and emerging vectors and diseases, for example:**
- Biology and control of other biting insects (e.g. blackflies, *Culicoides*, triatomine bugs, fleas)
- Quantification of disease risks from raccoons, opossums, skunks, and other vertebrates
- Studies of *Borrelia* infection in wild animals and ticks
- Evaluation of tick control measures that are appropriate and effective for use in California
- Evaluate the impacts of WEE and other encephalitides on non-reservoir host species such as wolves

**Rationale:** Beyond the most common mosquitoes and important vector species, there are numerous other important vectors in California. These vectors interact with wildlife and can spread pathogens to humans. Protecting people from less-studied vectors and vector-borne pathogens is important for mosquito and vector control agencies.

VII. **Use of enhanced technology for mosquito control, for example:**
- Predictive modeling for mosquito abundance and disease transmission
- Adaption of drones for surveillance and control applications, payload, efficacy and integration into operations program
- Automated traps for collecting and enumerating mosquitoes in the field
- Evaluate the impacts of installation of water capture devices on mosquito populations
- Impacts of climate change adaptation strategies on mosquito populations

**Rationale:** West Nile virus and other mosquito-borne pathogens have required mosquito and vector control agencies to perform increased surveillance and control. Innovations in mosquito control technology may help target surveillance and control more precisely, and/or make operational response more rapid, economical, and efficient.
1. Proceedings and Papers

An update on the MVCAC Proceedings and Papers was not discussed because the PMVCAC Editor Bill Reisen had given updates in two other committee meetings including the Board Meeting earlier.

2. PacVec CoE

The Center Co-chair Bill Walton gave an update on the PacVec CoE focusing on student internships. In 2019, three students interned at local districts. UC Riverside has formalized an internship program where student can receive credit for participating in approved internships. Interns will have both UCR and District Advisors, and receive safety training from the University and the District. Chris Barker noted that UC Davis has a similar internship program for undergraduate students. Districts Interested in hiring interns for 2020 are encouraged to start recruiting in January or February for summer availability. The ideal approach for potential intern preceptors should organize the work assignment in form of a project that will enable the intern to write a project report for their college credit.

3. Collaborative Research

Sarah Wheeler gave an update on the collaborative project evaluating the role of structural pesticide applications in building insecticide resistance in urban breeding mosquitoes. Sacramento-Yolo MVCD, West Valley MVCD, and Jan Gan laboratory at UCR participated in this project in 2019. Nathan Sy a graduate student in the Dr. Gan’s Laboratory has been analyzing samples collected over summer and will be reporting on his findings at the 2020 MVCAC annual meeting in San Diego, CA.

Evaluation of the efficacy of hand held and back sprayers with a goal of establishing some guidelines for the use across districts in equipment calibration to be conducted in the coming year. Jennifer Henke requested interested parties to get in contact.

Kara Kelley shared her results of an assessment of RNA extraction kits. Currently most districts use the Magmax viral RNA extraction kit, this kit is due to be discontinued. ThermoFisher is offering the MagMax Core Kit as a replacement. Kara tested the Magmax viral RNA, Magmax Core kit, and the Zymo Quick DNA/RNA viral MagBead kit. A complete report was given in the
Lab Technologies Committee meeting, but the take home message was that the Core kit was very user friendly and the RNA extraction efficiency was equal or slightly better than the Magmax viral kit. The Zymo kit had extraction efficiency slightly less than the Magmax viral kit.

4. Research Priorities

Wakoli Wekesa presented the updated research MVCAC priorities prepared by the Research Committee. There was discussion about archiving or making available the work associated with the stated priorities. Eric Haas-Stapleton and Chris Barker agreed to work together on this project. The committee also discussed posting the research priorities on the PacVec website, Bill Walton and Chris Barker agreed that this was a good idea.

5. Other Business

The committee discussed whether the MVCAC Proceedings and Papers could be made searchable in databanks like PubMed, Editor Bill Reisen said he would look into it.

There was some discussion about a workshop designed to provide training on how to assess pesticide applications in the field using sentinel cages, impingers, and other equipment. The committee agreed that this topic may be covered better using training videos, and will look further into this possibility.
Information Technology Committee
Fall Meeting – October 30, 2019

IT Committee Members
Brian Reisinger - West Valley MVCD
X Mark Daniel - Greater LA County VCD
X Jody Simpson - UC Davis
X Dan Fisher - Sac-Yolo MVCD
David Heft - Turlock MAD
Edward Prendez - Coachella Valley MVCD
Greg Hacker, CDPH
X Mark Dynge Delta VCD
Kiet Nguyen - Orange County VCD
X Rudy Serrano - Greater LA County VCD
X Peter Bonkrude - Shasta MVCD
X Robert Ferdan - Alameda County MAD (Chair)
X Babak Ebrahimi MSPH PhD - Santa Clara Co. VCD
Michael Tran - Santa Clara Co. VCD
Aaron Ho - Santa Clara Co. VCD
X Julia Laciste – Fresno Mosquito

Agenda
Meeting Started 8:00am

2019 Charges

a. Continued (2018) development of Visual Gateway project with educational training for agencies in collaboration with DART.
b. Create information sharing forums for all districts to learn about Enterprise level Hardware, Software and Security.
c. Create and maintain partnership with MISAC & MS-ISAC (Municipal Information Systems Association of California).
d. Continue (2018) Outreach to member agencies to educate and connect staff that support technology for information security best practices and other topics.
e. Continue IT survey (2018), discuss and report actionable items.
f. Question Listserv requirements from last meeting. CSDA like functionality (New)

Standing Charges

A. Serve as a resource for issues related to information and technology that may affect member agencies and/or the MVCAC.
B. Provide A/V support for the MVCAC Annual Conference.

Events

- Annual Meeting January 26th to January 29th

Old Business - Reviewed

- Dan gave update on the CalServ steering committee
- Discussed meetings with IT vendors
- Reminded group that the IT survey is now on the MVCAC Website. (Thanks to Dan)
• Reminded the audience that the IT survey is now on the MVCAC website
• Discussed MVCAC messaging options – **On hold**

**New Business**

1. Discussion regarding Streaming Conference sessions. Rudy, Julie, Babak all joined through Zoom.
2. Mark Daniel will be taking over as chair for 2020.
3. Dan Attended the MS-ISAC MISAC and State cybersecurity conference Reported several back on what he learned of new phishing and cyber-attacks.
4. Dan & Robert Reported on the MISAC Annual meeting.
5. Discussion regarding using Office 365 during conferences for presentations. Rachael confirmed that we will transition for the next meeting.
6. Open discussion on how to get smaller districts without IT staff involved.

Meeting ended 9:00a
I. Certification and Continued Education Program Update / Webinar Development
   • Vicki Cramer announced the upcoming November 21, 2019 Tech Certification Test and added that phones will no longer be allowed out during the tests. Calculators will be provided.

II. Webinar Development for 2019-21 CE Cycle
   • Committee members were tasked to prepare at least one Category D webinar over the next year as this is typically the most difficult category to fill.
   • A Zoom Webinar guide produced by the IT Committee will be distributed to Committee Members to assist in production.

III. Other
   • Daniel Wilson will be taking over as Committee Chair.
Attending:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jared Dever</td>
<td>SGVMVCD - So. Region Representative</td>
</tr>
<tr>
<td>Brian Cabrera</td>
<td>MVMD of Santa Barbara County</td>
</tr>
<tr>
<td>Renjie Hu</td>
<td>CDPH/VBDS</td>
</tr>
<tr>
<td>Sarah Billiter</td>
<td>CDPH/VBDS</td>
</tr>
<tr>
<td>Joe Burns</td>
<td>CDPH/VBDS</td>
</tr>
<tr>
<td>Brian Cabrera</td>
<td>MVMD of Santa Barbara County</td>
</tr>
<tr>
<td>Melissa Doyle</td>
<td>SGVMVCD</td>
</tr>
<tr>
<td>Marta Tanaka</td>
<td>SGVMVCD</td>
</tr>
<tr>
<td>Marco Metzger</td>
<td>CDPH/VBDS</td>
</tr>
<tr>
<td>Joe Burns</td>
<td>CDPH/VBDS</td>
</tr>
<tr>
<td>Truc Dever</td>
<td>GLACVCD</td>
</tr>
<tr>
<td>Brent Casey</td>
<td>Riverside County EHVCP</td>
</tr>
<tr>
<td>Kelly Middleton</td>
<td>GLACVCD</td>
</tr>
<tr>
<td>Debra Johnson</td>
<td>Riverside County EHVCP</td>
</tr>
<tr>
<td>Susanne Kluh</td>
<td>GLACVCD</td>
</tr>
<tr>
<td>Rick Howard</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Mark Westerline</td>
<td>City of Moorpark</td>
</tr>
<tr>
<td>Lora Young</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Bob Saviskas</td>
<td>LAWV&amp;VBDCD</td>
</tr>
<tr>
<td>Larry Shaw</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Jeremy Wittie</td>
<td>CVMVCD</td>
</tr>
<tr>
<td>Robert Cummings</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Jennifer Henke</td>
<td>CVMVCD</td>
</tr>
<tr>
<td>William Van Dyke</td>
<td>Northwest MVCD</td>
</tr>
<tr>
<td>Nikos Gurfield</td>
<td>San Diego County VCP</td>
</tr>
<tr>
<td>Nika Smith</td>
<td>Northwest MVCD</td>
</tr>
<tr>
<td>Michelle Brown</td>
<td>MVMVCD</td>
</tr>
<tr>
<td>Eric Ballejos</td>
<td>Northwest MVCD</td>
</tr>
<tr>
<td>Mitch Weinbaum</td>
<td>Compton Creek MAD</td>
</tr>
<tr>
<td>Erin Arnott</td>
<td>Clarke</td>
</tr>
</tbody>
</table>

Via Teleconference:

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bill Walton</td>
<td>UCR/PacVec</td>
</tr>
<tr>
<td>Robert Miller</td>
<td>Owens Valley MAP</td>
</tr>
<tr>
<td>Truc Dever</td>
<td>GLACVCD</td>
</tr>
<tr>
<td>Brent Casey</td>
<td>Riverside County EHVCP</td>
</tr>
<tr>
<td>Kelly Middleton</td>
<td>GLACVCD</td>
</tr>
<tr>
<td>Debra Johnson</td>
<td>Riverside County EHVCP</td>
</tr>
<tr>
<td>Susanne Kluh</td>
<td>GLACVCD</td>
</tr>
<tr>
<td>Rick Howard</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Mark Westerline</td>
<td>City of Moorpark</td>
</tr>
<tr>
<td>Lora Young</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Bob Saviskas</td>
<td>LAWV&amp;VBDCD</td>
</tr>
<tr>
<td>Larry Shaw</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Jeremy Wittie</td>
<td>CVMVCD</td>
</tr>
<tr>
<td>Robert Cummings</td>
<td>OCMVCD</td>
</tr>
<tr>
<td>Jennifer Henke</td>
<td>CVMVCD</td>
</tr>
<tr>
<td>William Van Dyke</td>
<td>Northwest MVCD</td>
</tr>
<tr>
<td>Nikos Gurfield</td>
<td>San Diego County VCP</td>
</tr>
<tr>
<td>Nika Smith</td>
<td>Northwest MVCD</td>
</tr>
<tr>
<td>Michelle Brown</td>
<td>MVMVCD</td>
</tr>
<tr>
<td>Eric Ballejos</td>
<td>Northwest MVCD</td>
</tr>
<tr>
<td>Mitch Weinbaum</td>
<td>Compton Creek MAD</td>
</tr>
<tr>
<td>Erin Arnott</td>
<td>Clarke</td>
</tr>
</tbody>
</table>

The MVCAC Southern Region met at the San Gabriel Valley Mosquito and Vector Control District and via teleconference on October 1, 2019 to consider the following agenda items.

**Announcements:**
Brian Cabrera announced he has been officially appointed as the new District Manager for the Mosquito and Vector Management District of Santa Barbara County.

Truc Dever announced that Mary Joy Coburn has been hired as Greater Los Angeles County VCD’s new Director of Community Affairs, and longtime operations program supervisor Kevin Vargas has retired.

Rick Howard announced that Heather Hyland has been hired as the Public Information Officer for Orange County MVCD.

Debra Johnson announced that Brent Casey had joined the Riverside County EHVCP staff.

**Agenda Items:**

**Office and Field Staff Safety: Best Practices to Minimize Risk**
Members discussed the compounding safety issues associated with expanding homeless populations, drug paraphernalia and waste, wildlife encounters, and hostile encounters with residents. Most
members noted a marked increase in these types of threats and confrontations. Best practices, training programs, physical interventions, and administrative policy amendments where shared amongst members to help mitigate future risk to agency personnel.

Regionwide Swimming Pool Maintenance Ordinance – Update
Southern Region Representative Dever provided an update on his progress of getting a regionwide swimming pool maintenance ordinance template adopted by the 30-city member San Gabriel Valley Council of Governments (SGVCOG). The template ordinance seeks to enhance city code enforcement authority to allow for immediate entry onto properties under responsible suspicion of a public health nuisance associated with inoperable swimming pools, and other water impoundments. The template ordinance defines the acceptable condition of all swimming pools as either clean and functional, or completely dry at all times. Violation of these conditions results in immediate citation authority, escalating per subsequent violation. Dever, reported that the process has taken 12 months thus far, but that the vote to formally adopt the template by the SGVCOG will take place in November, 2019.

Respectfully Submitted,
Jared Dever
District Manager, MVCAC Southern Region Representative
San Gabriel Valley Mosquito and Vector Control District
Ken Klemme called the meeting to order at 10:00 AM

Roll Call:

**Agency Member present:**
- Chindi Peavey
- Ken Klemme
- Ryan Clausnitzer
- Wes Maffei
- Paula Macedo
- Maria Bagley
- Noor Tietze
- Dan Wilson

**Phone:**
- Brian Weber
- Kerry Padgett
- Tina Fieszli

**Industry Vendors:**
- Sandra Torry
- Nancy Voorhees
- Joe Comacho
- Tim Bennett
- Dennis Candito

1. **Additions to Agenda**

   Coastal Region Mutual Aid agreement

   Discuss 2020 Annual Conference.

   Appointment of 2020 Regional Rep and Alternate

   Phil Smith was nominated for the position of Regional Rep

   *Motion (Ryan Clausnitzer) Second (Chindi Peavey) Unanimous*

   Paula Macedo was nominated for the position of Regional Alternate

   *Motion (Phil Smith) Second (Chindi Peavey) Unanimous*

3. **Regional Issues**

   A. **USFWS**

      i. San Pablo Bay NWR
         - Maffei: Business as usual. Large parcels being purchased across 3 Counties.
         
         1. Draft Biological Opinion

      ii. Don Edwards NWR
Clausnitzer: reported business as usual, still working through UAS procedures and as it pertains to birds on the refuge. It's the opinion of Refuge staff that UAS operations mimic aerial predators, and because of that, would like to set airspace limits.

iii. Ellicot Slough NWR
   No Report

iv. Salinas River NWR
   Klemme: Business as usual on the Salinas River.

B. Source Reduction Update
   Padgett: Working on the Source Reduction Permit for the next five years.

C. Continuing Education Update
   Wilson/Tietze: Just deposited $9,000 into the account, saving money as compared to previous years, purchased most items from Costco e.g. Svenhard breakfast pastries, bagels, paper products, drinks, snacks, and etc. Speakers all set for CE program November 14th and December 12th.

D. SFBRA
   Ryan Clausnitzer gave a brief update, and explained Erika Castillo's Reports from the MVCAC Regulatory Affairs Committee, San Francisco Bay Restoration Authority and Wetland Regional Monitoring Program, which are attached.

E. Individual District reports

**Alameda:**

Ryan Clausnitzer reported remodeling the District floors walls etc. they also purchased new desks for work areas. They had a very busy Dorsalis summer and reported having swarms of midges late in the year.

A large housing development is being built near a major mosquito habitat, which will be problematic in the future. Staff is working on a paper for the conference in explaining how they filter for bad swimming pools using AI.

The District staff will be celebrating its 90th year anniversary in business, they will have an open house.

**Alameda Vector:**

Dan Wilson reported a spike in rise of the rat populations in particular areas including the Fruitvale district in Oakland. The reason for the increase is simply the amount of available food and harborage. Dan discussed new Lyme disease risk maps, the difference of tick species/abundance in Alameda County and compared the maritime side versus the east.
Contra Costa:

Paula Macedo described a vector house as part of the new education center District staff is working to develop. The model house will be set up as a demonstration for the public, which will help people see how to avoid pest entry into a home.

80 acres was accidently flooded due to a levee break causing a mosquito problem for nearby residents. Macedo reports that rat counts are high in particular areas up to 40 rats per dumpster.

Digital Maps a company that was working on the District’s mapping program was purchased by another company and no longer will support Mosquito based platforms.

Paula was invited to speak at the European CDC in Sweden and will miss the planning meeting due to the trip.

Marin Sonoma:

Phil Smith described a busy mosquito year this year. A District first, Smith reported not fulfilling a quorum at their last Board meeting which will be troublesome for District business. Smith reports hiring an Environmental Biologist which is a new position for the District, and is using statistical data for hiring.

Staff are now working out the details of an amended PEIR, payroll conversion and new landscaping with native plants.

Northern Salinas:

Ken Klemme dealing with the City of Salinas taking the District’s building by force using bad faith in a very contentious battle over the last year. Moving forward the District is in escrow for a lot of bare land to be developed by Hayashida Architects. The City of Salinas has allowed the District two years to move.

All technicians are now certified with the Department of Pesticide Regulation to treat mosquitoes with UAS.

Napa:

Wes Maffei: Very busy Dorsalis year, came up with a successful pretreatment routine this year. Working with DFW to obtain a LSA permit, DFW is placing many onerous requirements, District needs to hire a, “Qualified Wildlife Biologist” which entails qualified professional and academic experience to observe light brushing along breeding sources.

Santa Clara:

Noor Tietze: Staff is alternating time off during the County’s strike over employee pay rates. The District must remain on strike until the County finishes a horrendous contract.

Gilroy had their first WNv fatality, victim had may have had travel history outside of the County.
Santa Cruz:

Higher than expected remodel costs and the recent need to budget for fencing and gating the facility and replace a sewer lift pump system have hit our reserves hard. A new assessment procedure looks likely within three years unless our staffing situation changes. Under consideration is to not replace the fifth zone operator following her tragic passing this year and to reduce services.

On a happier note, we had no WNv this year and won Best Commercial Booth at the County Fair.

San Mateo:

Chindi Peavey is working to finish up the District's annual audit. The District added a new IT position.

Peavey reported that it was a very busy yellow jacket year, and made several suggestions as it pertains to starting a PEIR.

Solano:

No Report

4 CDPH Report

Kerry Padgett: Working with Anton Cornell for a Statewide Bio-bottle assay technique. Reminded the group about the Aedes Teleconference November 5.

5 Industry Report

Sandra Torry: Reported that it is not too late to cash in on the All Clear Rebate program.

Dennis Candito: Reported dengue test kits are now smaller, also reported on different equipment options.

Nancy Vorhees: Reported a new Returnable Tote for G-30, Merus a great organic option for concerned citizens.

Joe Camacho: SumiLarv now available, new Granular Spreader available

Tim Bennet: Enjoyed meeting everyone over the past year, looks forward to visiting more Districts.

6 VCJPA Report

VCJPA meeting February 27 & 28 Dream Inn Santa Cruz, CA. 2020. Wes Maffei asked that Members fill out the survey regarding the training for the conference next year.

7 CSDA Report
Ryan Clausnitzer reported that he volunteered for the Capital Tours in the Chico area this year. Clausnitzer reported that it's a great time to meet with young staffers from Sacramento and teach them about Special Districts.

8 AMCA

The 2020 Annual meeting is in Portland, OR.

9 Other

NONE

Adjournment 12:45PM

Respectfully Submitted,

Ken Klemme