

**MINUTES of the San Gabriel Valley Mosquito and Vector Control District
Board of Trustees Meeting
1145 N. Azusa Canyon Road, West Covina, CA 91790
December 13, 2019**

Trustees Attending

Stephen Sham (Alhambra)
Roger Chandler (Arcadia)
Joseph Rocha (Azusa)
Richard Barakat (Bradbury)
Corey Calaycay (Claremont)
Henry Morgan (Covina)
Jerry Velasco (El Monte)
Charles Myers (Glendora)
Catherine Marcucci (Industry)
Manuel Garcia (Irwindale)
Dan Holloway (La Puente)
Elyse Rasmussen (La Verne)
Jamie Bissner (L.A. County)
Becky Shevlin (Monrovia)
Rachel Janbek (Pasadena)
Emmett Badar (San Dimas)
Sandra Armenta (Rosemead)
Tim Sandoval (Pomona)
Juli Costanzo (San Gabriel)
John Capoccia (Sierra Madre)
Marina Khubesrian (So. Pasadena)
Cynthia Sternquist (Temple City)
Allen Wu (Walnut)
Lloyd Johnson (West Covina)

Trustees Absent

Cruz Baca (Baldwin Park)
Margaret Finlay (Duarte)
Joseph Leon (Monterey Park)

Staff Attending

Jared Dever
Rose Alba
Levy Sun
Melissa Doyle
Jason Farned
Marta Tanaka
Evelyn Gutierrez
Gimena Ruedas

Guests Attending

Stephen Dobson, PhD, MosquitoMate
Nigro & Nigro, PC representative

1. Call to Order

President Corey Calaycay called the meeting to order at 7:02 am.

2. Pledge of Allegiance and Silent Roll Call

Trustee Henry Morgan led the Pledge of Allegiance.

3. Opportunity for Public Comment on Non-Agenda Items

None

4. Consent Calendar

A motion made by Trustee Chandler and seconded by Trustee Bissner to approve Consent Calendar was unanimously passed.

5. Presentation: Sterile Aedes Mosquito Technology - Wolbachia MosquitoMate, Inc., Founder, Stephen Dobson, PhD

Dr. Stephen Dobson, founder of MosquitoMate Inc., gave a presentation describing the use of *Wolbachia pipiensis* (a prevalent bacterium occurring in approximately half of all insects) used to sterilize male mosquitoes and reduce mosquito populations. Dr. Dobson reported on trials conducted with *wolbachia* infected male mosquitoes in multiple states and locations, citing a recent trial in Clovis, CA which resulted in a 95% reduction in the population of *Aedes aegypti*. Dr. Dobson advised that *wolbachia* infected *Aedes albopictus* male mosquitoes have received full registration, and that he anticipates receiving registration for *Aedes aegypti* in the near future.

6. Consider the San Gabriel Valley Mosquito and Vector Control District Annual Audit for FY2018/19 as Prepared by Nigro & Nigro, PC

Vice President Becky Shevlin reported the Finance Committee lost a quorum at the Finance Committee meeting and had no formal recommendation. A representative of Nigro & Nigro PC, the district auditor, gave a brief summary of the Annual Audit for FY 2018-19 to the board.

A motion made Trustee Chandler and seconded by Trustee Johnson to accept the audit with adjustments was passed unanimously.

7. Nominations Committee Report: Proposed Changes to Executive Officers Positions and Duties

Committee Chair Richard Barakat reported that the Nominations Committee recommended combining the positions of Secretary and Treasurer into one position, due to the duplication of duties, and add the position of Past President to the Executive Committee.

8. Nominations Committee Report: Proposed Slate of Officers for 2020-2021

Committee Chair Richard Barakat advised that the committee proposed the following slate of Board Officers for 2020-2021; Becky Shevlin as Board President, Tim Sandoval as Board Vice President, and Lloyd Johnson as Secretary/Treasurer. A motion made by Trustee Roger Chandler and seconded by Trustee Barakat to accept the Board Officers recommended by the Nominations Committee was passed unanimously.

9. Trustee Education Opportunity: Statement of Interest

District Manager Jared Dever advised of an upcoming opportunity for trustee education, the 2020 American Mosquito Control Association Annual Conference in Portland Oregon, March 16-20, 2020. Dever requested that trustees interested in

attending submit a Statement of Interest to incoming Board President Becky Shevlin prior to the January 10, 2020 Board of Trustees Meeting.

10. District Administration

District Manager Jared Dever updated the board on the status of a water line rupture that occurred in the operations facility, advising that the damage remediation has been completed. Dever suggested that the Ad Hoc Building Subcommittee reconvene to explore options for best use of the space prior to renovations or replacement of damage losses.

District Manager Dever requested that all trustees ensure they have current certificates of completion for the required Sexual Harassment/Bullying and Ethics Training on file with the District.

11. Department Reports

Operations Manager Jason Farned reported that he had no additional comments to share in addition to the written Operations report included in the board packet.

Scientific Director Melissa Doyle reported that the VIP Inspector of the Year Program concluded with six participants. Doyle stated that district staff presented awards to two participants at the Monrovia City Council Meeting and hopes to expand the program next year.

Communications Director Levy Sun reported that the district mascot Ada Eez visited the La Puente City Council meeting in November and reminded board members that the mascot is available for any future council meetings. Sun also gave an update on the Vector Inspector of the Year Program. The criteria to be considered for Vector Inspector of the Year consisted of completion of the Vector Inspector Program, Citizen Scientist Project, and the Super Cup 8 Challenge. Sun further reported that over 1400 students received awards for participation in the Vector Inspector Program in 2019.

Officer Manager Rose Alba introduced Evelyn Gutierrez, the district's new Human Resource and Finance Assistant. Ms. Gutierrez thanked the board for this opportunity, citing 11 years' experience in human resources with the City of Rosemead and other San Gabriel Valley cities, prior to accepting the position with the district.

12. Trustee Reports

None

13. New Business

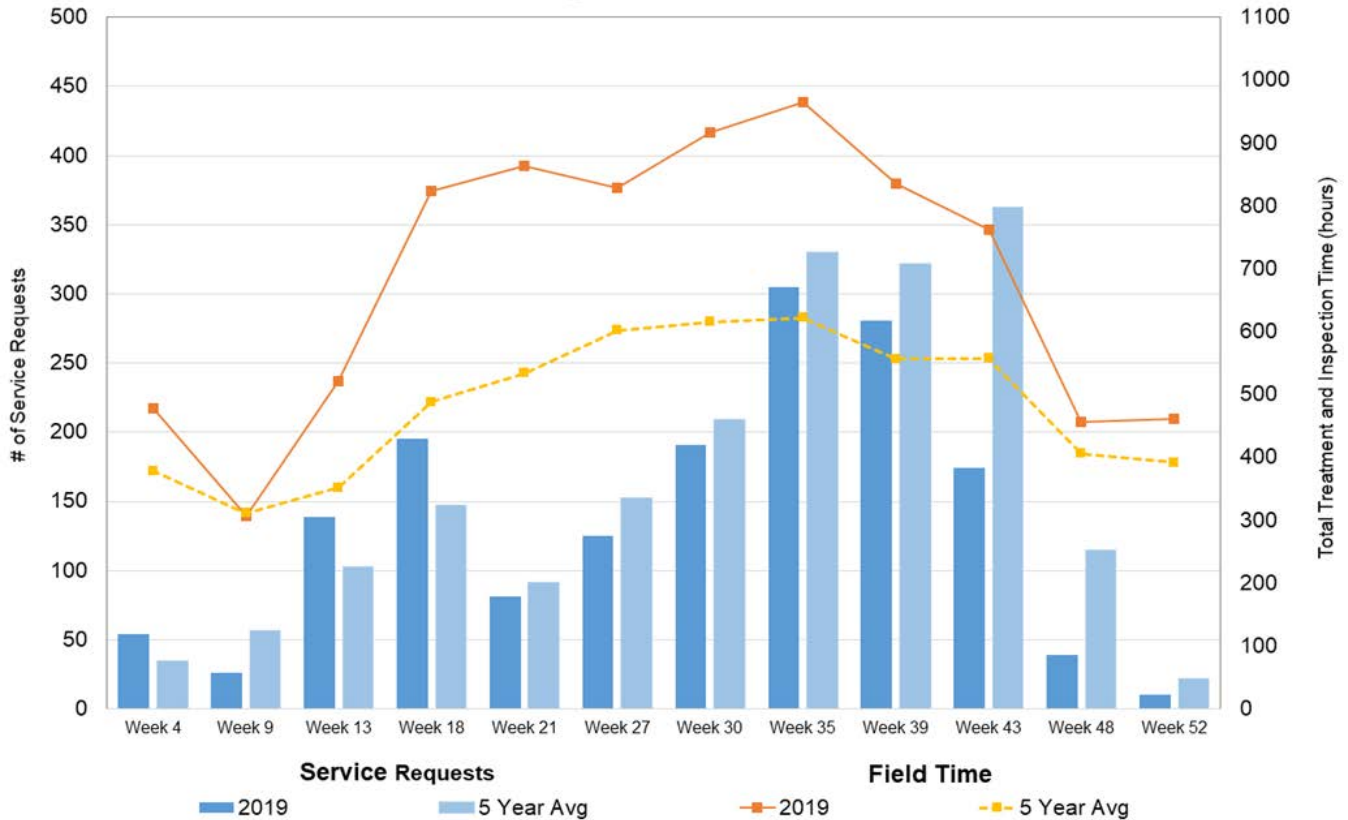
None

14. Adjournment

The meeting was adjourned at 7:56 a.m.

Operations Department
 Disease Weeks [49 - 52] | [December 1 – December 28]

Operations Workflow:



Operations Summary:

Low temperatures and rainfall have further reduced the demand for service. Rain limited treatment opportunities for Flood Channel and Underground Storm drain programs. Full-time zone specialists utilized the low temperatures and weather to focus on zone management and organization, MapVision updates, database adjustments, contact organization, and housekeeping.

Chemical Usage:

| Larvicides/Pupicides | | | | | |
|---|---------------|---------------|------|---------------------|----------------|
| Method of Action | Target | Amount | | Area Treated | |
| Larvicide Oils (Surface Film) | | | | | |
| Suffocation | Mosquitoes | 0.57 | gal. | 5832 | sq.ft. |
| Insect Growth Regulators (IGR's) | | | | | |
| Inhibits metamorphosis | Mosquitoes | 8.44 | lbs. | 679 | sq.ft. |
| Bacterials | | | | | |
| Ingestion, toxicant | Mosquitoes | 0.02 | gal. | 7920 | sq.ft. |
| Ingestion, toxicant | Mosquitoes | 9.32 | lbs. | 91813 | sq.ft. |
| Ingestion, toxicant | Black flies | 19.97 | gal. | 5543 | m ³ |
| Biologicals | | | | | |
| Mosquito fish | Mosquitoes | 247 | ea. | 21212 | sq.ft. |

Zone Specialists:

| Zone | Specialist | Cities |
|-------------|-------------------|--|
| 1 | Marc Mitchell | Alhambra, Monterey Park, San Gabriel, South Pasadena |
| 2 | Leslie Conner | Altadena, Pasadena |
| 3 | Darrin Jones | Arcadia, Sierra Madre, Temple City |
| 4 | Jon Halili | Baldwin Park, El Monte, Rosemead |
| 5 | Ignacio Ureña | Azusa, Bradbury, Duarte, Irwindale, Monrovia |
| 6 | Marco Gaytan | Industry, La Puente, West Covina |
| 7 | Steven Gallegos | Covina, Glendora, San Dimas |
| 8 | Hendricks Peña | Claremont, La Verne, Pomona, Walnut |

Surveillance Department

Disease Weeks [49 – 52] | [December 1 – December 28]

Insect Surveillance Activities

The department conducted a tick survey in the foothills and other appropriate trails in the region. The department will continue to survey the area for ticks monthly. Routine mosquito trapping was discontinued in week 47 and will resume once weather conditions permit. The surveillance department continued preparations for the 2020 season by repairing equipment and making modifications on existing equipment to increase efficiency.

San Gabriel Valley Tick Survey

Two species of ticks were collected in the survey, the Pacific Coast Tick and the Western Black Legged Tick. Both are pests of humans and considered vectors for tick-borne disease. A total of 302 ticks were collected in Azusa, Claremont, Glendora, Monrovia, Monterey Park, Pasadena, and San Dimas. The ticks were preserved for testing at a later date.

| City | Location | Total |
|---------------|-----------------------------|-------|
| Azusa | Azusa River Wilderness Park | 1 |
| Claremont | Residence | 2 |
| Glendora | Hook West Flood Channel | 23 |
| Glendora | South Hills Park (GL) | 107 |
| Monrovia | Monrovia Canyon Park | 156 |
| Monterey Park | Edison Trails | 0 |
| Pasadena | Arroyo Seco Trails | 0 |
| Pasadena | Eaton Canyon Nature Center | 1 |
| San Dimas | Walnut Creek Park (SD) | 0 |

Preventing Tick Bites

In Southern California, it is important to exercise caution while walking and hiking in areas where ticks are common. Ticks are commonly found in areas that are grassy, bushy, and shaded. To avoid ticks while outdoors, avoid wooded and brushy areas with high grasses and leaf litter by walking in the center of trails. After returning home from outdoor activities check your clothing, pets, and gear for ticks. Taking a shower can also wash off any ticks that are not attached.

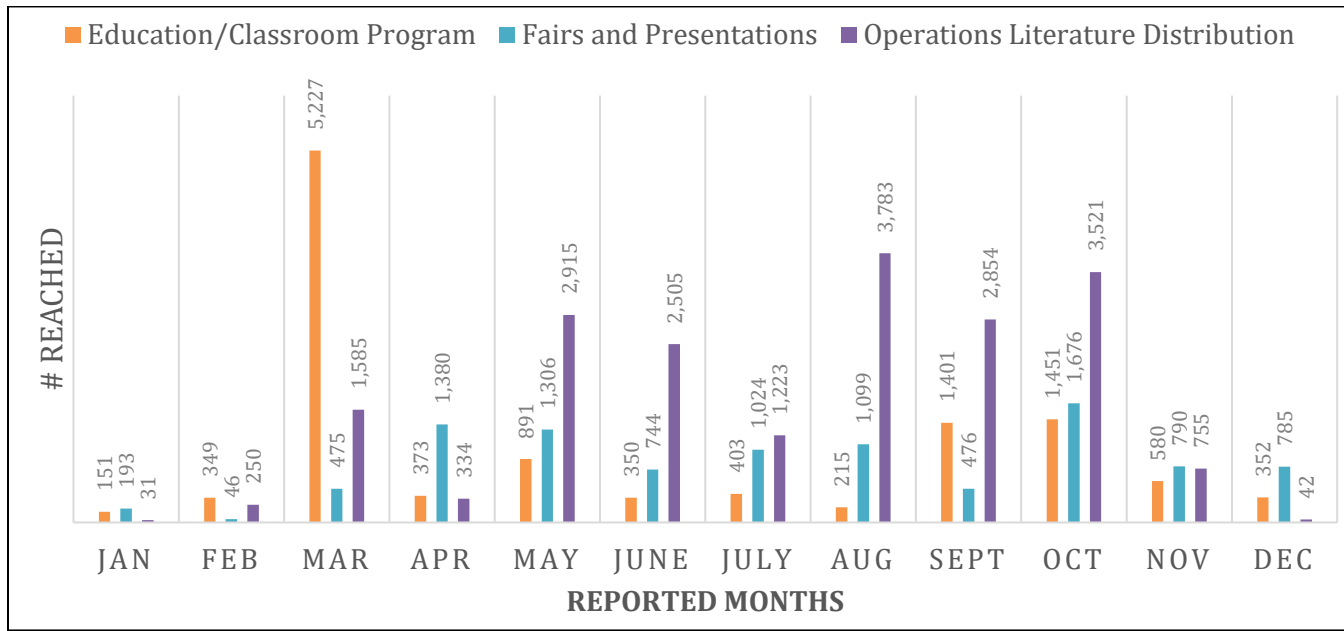
Disease Surveillance in California 2019

West Nile Virus (WNV) activity is increasing in California. In Los Angeles County, there were 29 human cases of WNV in 2019.

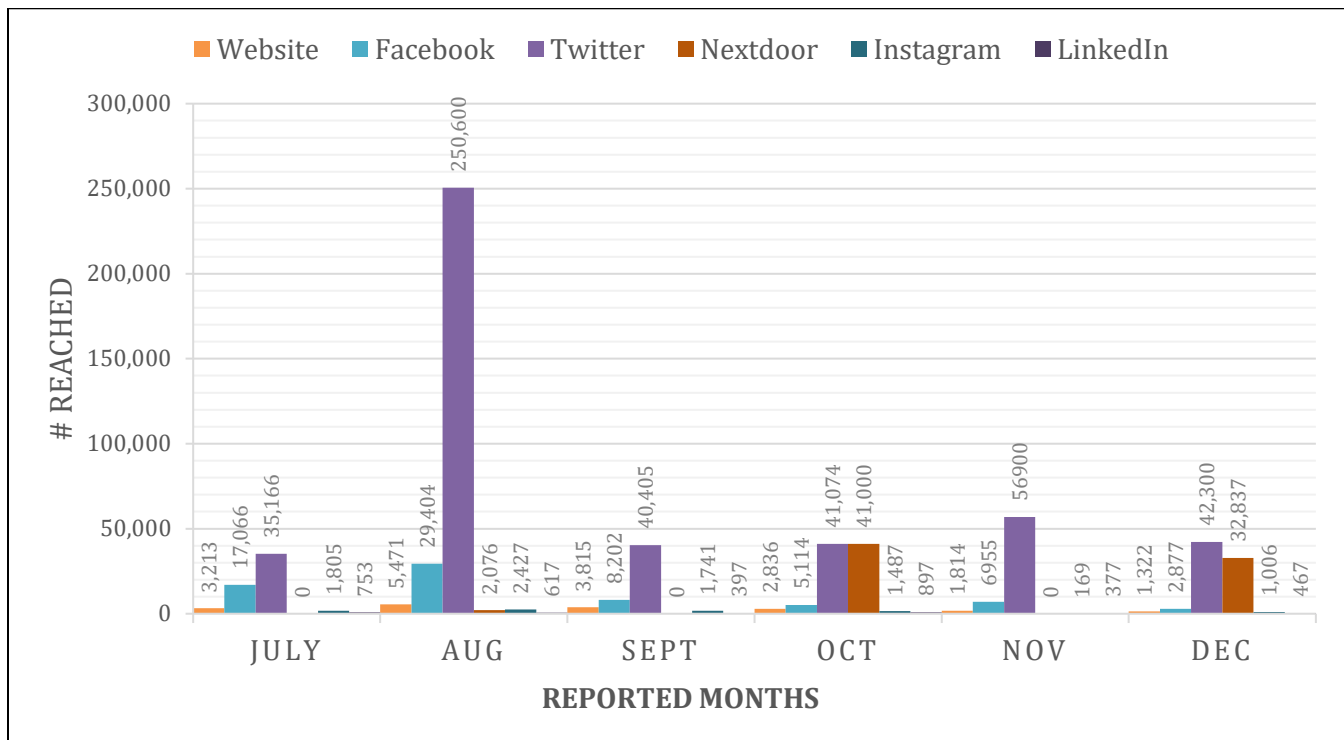
| West Nile Virus Activity 2019 | | |
|------------------------------------|-------------|-------------|
| | 2019 | 2018 |
| WNV Positive Birds / Number Tested | 225 / 1,799 | 499 / 2,189 |
| WNV Positive Mosquito Samples | 3,288 | 1,963 |
| Human Cases | 203 | 205 |

Communications Department
 Disease Weeks [49 – 52] | [December 1 – December 28]

Outreach Activities:



Digital Activities:



E-blast and Media Activities

| Name of Activity/Media | Date | Headline |
|-------------------------------|-------------|---|
| Pasadena News Now | 12/24/19 | "New Year, No Bites: Mosquito Safety Tips for 2020" |

EcoHealth Vector Education Program

1. Awarded the first Vector Inspectors of the Year awards to two students from Clifton Middle School at the Monrovia City Council Meeting
2. Presented classroom programs to Baldwin Park High School, Ybarra Academy of Arts and Technology, and Grace Miller Elementary
3. Presented to San Gabriel Unified School Board on EcoHealth Vector Education Program
4. Developed a timeline and general structure for EcoHealth's revamped curriculum
5. Shot promotional video for EcoHealth's Classroom Programs to be featured in the Winter Newsletter

General Outreach

1. Short Bites Blog
 - a. Establish editorial calendar to create relevant, timely content for SGV communities
 - b. Published co-hosted blog post with Upper SGV Municipal Water District and Theodore Payne Foundation
2. Content Creation
 - a. Shot promo video for EcoHealth outreach
 - b. Post-production began on "Be Smart Like" campaign
 - c. Post-production began on "Submit a Tip" video
3. Advertising
 - a. Submitted Rose Parade magazine ad: Winter mosquito wipe out campaign

Administrative

1. EcoHealth Database revamp
 - a. Consolidate VIP addresses and cleaned up database
2. Revised Family Feedback Survey database
 - a. Transcribed returned surveys into database
 - b. Edited Google form to best reflect common responses
3. MapVision upkeep and updates
4. Literature and giveaway inventory
 - a. Maintained record of current inventory
 - b. Created new sign-out system for Ops