

MINUTES OF PREVIOUS MEETING

October 11, 2017

The regular monthly meeting of the Board of Trustees of the Lake County Vector Control District was called to order at 1:32 P.M. by President Giambruno.

Board Present: Curt Giambruno, Chuck Leonard, and George Spurr.

Absent (Excused): Rob Bostock and Ron Nagy.

District Personnel: Jamesina J. Scott, Ph.D., Manager/Research Director and Ms. Jacinda Franusich, Office Manager.

Guests: None.

Citizen's Input: None.

Agenda Additions and/or Deletions: None.

Mr. Leonard moved to approve the Board Minutes of September 13, 2017 regular meeting with a correction to the check numbers to include checks 17123-17136 making the total expenditures for September 2017 \$140,361.02. Mr. Spurr seconded the motion. Motion carried unanimously.

Mr. Spurr moved to approve the Board Minutes of the August 30, 2017 Special Meeting. Mr. Leonard seconded the motion. Motion carried unanimously.

Research Report

Dr. Scott reported on vector-borne virus activity. West Nile virus (WNV) activity has been detected in four dead birds, two sentinel chickens, and 17 mosquito samples this year in Lake County.

For the rest of California, WNV activity has been reported in 3,182 mosquito samples, 264 sentinel chickens, 428 dead birds, and 13 horses. In addition, eighteen counties have reported 211 human WNV illnesses.

St. Louis encephalitis (SLE) virus has been detected in 166 mosquito samples in 13 California counties this year. Additionally, eight sentinel chickens from three counties have seroconverted for SLE virus.

From January 1 through September 29, 2017, eighty-five travel-related cases of Zika virus infection have been identified in residents from 21 California counties.

From January 1 through September 29, 2017 fourteen Californians have acquired chikungunya virus infections while traveling.

From January 1 through September 29, 2017, sixty-two residents from 20 California counties have been reported with travel-related dengue infections.

Throughout the rest of the United States, West Nile virus has been reported in 45 states.

Eastern equine encephalitis (EEE) virus has been reported from 18 states. The activity has been in mosquitoes, sentinel chickens, equids or ratites only.

There have been 39 human cases of Jamestown Canyon virus (JCV) illness reported from six states this year, and the virus has been detected in mosquitoes from Connecticut as well.

Twenty-nine human cases of La Crosse encephalitis (LAC) virus have been reported from seven states in 2017.

There have been twenty-three cases of human illness from Powassan (POW) virus reported from ten states, including two fatalities from New York and Rhode Island.

There has been one human case of St. Louis encephalitis (SLE) virus reported from Arizona. In addition, the virus has been detected in mosquitoes from six other states.

In 2017, 288 symptomatic Zika virus disease cases have been reported to the US Centers for Disease Control and Prevention. Two hundred eighty-four of the cases were in travelers returning from affected areas, three cases were acquired through sexual transmission with a returned infected traveler, and one case is thought to have been locally acquired in Hidalgo County, Texas. In addition, 569 symptomatic Zika disease cases have been reported

in residents of the US Territories. All of these cases were acquired through local transmission.

There have been 52 chikungunya disease cases reported this year from residents of 19 states. All the cases were in travelers returning from affected areas.

One hundred forty-one cases of dengue virus illness have been confirmed this year, with all of the cases being travel-related.

Dr. Scott reported on adult biting fly activity. Ninety-five carbon dioxide-baited traps were set during September. Traps were set in various locations that include Anderson Marsh, Kelseyville, Clearlake Oaks, and Lakeport. Among the mosquito species collected were *Culex tarsalis*, *Culex erythrothorax*, and *Culiseta inornata*.

The New Jersey light traps set near Borax Lake and in the Reclamation near Upper Lake collected several species of mosquitoes in the month of September.

The Highland Springs Dam spillway tunnel was sampled on five dates during September. Additionally, a culvert in North Lakeport was sampled in September. Several mosquito species were collected from both resting sites.

The resting box in Kelseyville as well as the resting boxes in Lakeport and Upper Lake were sampled during September. Numerous mosquito species were collected from all the sites.

The BGS-2 traps were set at four locations in Clearlake Oaks. The traps collected three mosquito species.

Dr. Scott reported on tick testing. Twenty-four *Ixodes pacificus* ticks that were removed from Lake County residents have been submitted to the Sonoma County Public Health Laboratory for testing for *Borrelia burgdorferi*. One tick was positive and 23 were negative.

Dr. Scott reported on publications. A scientific note by District Entomologist Cassie Urquhart appeared in the September issue of the Journal of the American Mosquito Control Association. The note is titled "LaCrosse virus vectors are host-seeking and ovipositing after 1700 H in eastern Tennessee."

Dr. Scott reported on Chaoboridae gnats. In the Upper Arm, Clear Lake gnat larvae numbers increased from 0.04 larvae per dredge in August to 0.21 larvae per dredge in September. Chironominae numbers decreased from 5.54 larvae per dredge in August to 2.54 larvae per dredge in September. No Tanypodinae larva were collected in September.

Operation Report

During September, 0.05 inches of rainfall were recorded by the District's rain gauge. The total rainfall since October is 44.78 inches.

On September 1, the level of Clear Lake was at 3.51 feet on the Rumsey Gauge. The lake level decreased to 2.78 by September 30.

The District responded to 46 service requests in September and one resident came into the office for mosquitofish.

District staff have begun working on a variety of projects including repair and maintenance projects and conference presentations.

The District's attorney reviewed and confirmed the list of documents to be destroyed in compliance with current law and the District's policy. The documents were shredded at the District's Esplanade facility on September 14 by a commercial shredding company.

The District submitted its Board approved response to the 16-17 Grand Jury report. The Lake County Board of Supervisors approved the response at its September 19 meeting.

Dr. Scott will attend the American Mosquito Control Association's Train the Trainer workshop in Sacramento. In addition Dr. Scott will be attending the Mosquito and Vector Control Association of California Fall Board of Directors and Committee Meetings in Sacramento on November 1 and 2.

On November 6, Dr. Scott will attend the Employer Risk Management Authority fall board of directors meeting in Sacramento.

Consideration and Adoption of Resolution 17-06 Amended Uniform and Protective Clothing Policy 2090.

After some discussion, Mr. Leonard moved to approve Resolution 17-06 Amended Uniform and Protective Clothing Policy 2090. Mr. Spurr seconded the motion. Motion carried with a roll call vote as follows: three in favor (Mr.

Giambruno, Mr. Spurr, and Mr. Leonard), and two absent (Mr. Bostock and Mr. Nagy).

Approve Checks for the Month of October 2017

Mr. Leonard moved to approve Check Nos. 17137-17185 for the month of October 2017 in the amount of \$47,864.17. Mr. Spurr seconded the motion. Motion carried unanimously.

Other Business

Dr. Scott mentioned that she had been contacted by the Manager of the Napa County Mosquito Abatement District who is organizing a workshop for the vector control technicians from Napa, Solano, and Marin-Sonoma MVCDs about what to expect in the aftermath of a large wildland fire.

Announcement of the Next Board Meeting

The next regular meeting of the Board of Trustees will be at 1:30 PM on Wednesday, November 8, 2017 in the Lake County Vector Control District Board Room, 410 Esplanade, Lakeport, CA 95453.

Mr. Spurr moved to adjourn the meeting. Mr. Leonard seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 2:28 PM.

Respectfully submitted,

Ronald Nagy
Secretary