

## MINUTES OF PREVIOUS MEETING

September 11, 2019

The regular monthly meeting of the Board of Trustees of the Lake County Vector Control District was called to order at 1:34 P.M. by President Giambruno.

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

Absent: Ron Nagy (excused).

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

Guests: None.

Citizen's Input: None.

Agenda Additions and/or Deletions: None.

Mr. Spurr moved to approve the Board Minutes of August 14, 2019 with the correction to include check numbers 18680-18694 making the total expenditures for August 2019 \$223,670.36. Mr. Bostock seconded the motion. Motion carried unanimously.

### **Research Report**

Dr. Scott reported on vectorborne virus activity. West Nile virus (WNV) activity has been detected in six mosquito samples in Lake County.

For the rest of California, 57 human cases of WNV illness have been reported from eleven counties, 91 positive dead birds from thirteen counties, 2,516 positive mosquito samples from 24 counties, and 53 positive sentinel chickens from eight counties.

Two California counties have reported St. Louis encephalitis virus (SLEV) disease in humans this year. In addition, 178 mosquito samples from seven counties have tested positive for SLE.

In the rest of the United States, forty-five states have reported WNV activity in mosquitoes, birds, sentinel chickens, or humans this year.

Eleven human cases of eastern equine encephalitis (EEE) virus have been reported in residents from four states.

There have been nine human cases of Jamestown Canyon (JCV) virus illness reported from four states this year.

There have been fifteen human cases of La Crosse encephalitis (LAC) virus reported from three states so far in 2019.

Fifteen human cases of Powassan (POW) virus has been reported from eight states this year.

Seven human case of St. Louis encephalitis virus (SLEV) has been reported from California and Arizona this year.

There have been four locally acquired cases of dengue reported from Miami-Dade County in Florida this year.

Dr. Scott reported on adult biting fly activity. The District set one hundred thirty-five carbon dioxide baited traps in various locations around the county in August. The most abundant mosquito species were *Culex tarsalis* and *Anopheles freeborni*. Additionally, large numbers of black biting gnats were collected from several locations.

New Jersey light traps (NJLTs) were set near Borax Lake and in Upper Lake near the wild rice. *Culex tarsalis* and *Anopheles franciscanus* were among the mosquito species collected.

The resting box in Kelseyville was sampled in August. Among the mosquito species collected were *Culex stigmatosoma*, *Culex tarsalis*, and *Anopheles freeborni*. Additionally, resting sites in Lakeport and Upper Lake were sampled in August.

Dr. Scott reported on tick testing. Twenty *Ixodes pacificus* ticks that were removed from Lake County residents were submitted to the Sonoma County Public Health Laboratory for testing for Lyme disease. All samples were negative.

Dr. Scott reported on Chaoboridae gnats. In the Upper Arm of Clear Lake the Clear Lake gnat larval counts decreased from 0.18 larvae per dredge in June to 0.04 larvae per dredge in August. Chironominae numbers decreased from 34.00 larvae per dredge in June to 16.11 larvae per dredge in August. Tanypodinae numbers decreased from 17.57 larvae per dredge in June to 9.00 larvae per dredge in August.

### **Operation Report**

No precipitation was recorded in the District's rain gauge during August. The total rainfall for the season is 39.56 inches.

The level of Clear Lake was at 5.41 feet on the Rumsey Gauge as of August 1, and declined to 4.37 feet by August 31.

The Vector Control Technicians responded to 167 service requests in August, including 9 yellowjacket requests and 13 online requests.

The District made the third and final aerial application of larvicide on August 27 to the wild rice to control immature mosquitoes.

The District's conference room was used on August 27 by the Blue Ribbon Committee for the Rehabilitation of Clear Lake Technical Subcommittee.

The District issued a media release with the Lake County Department of Public Health on August 8. The release announced the detection of West Nile virus in mosquito samples from Lower Lake.

### **Approve Checks for the Month of September 2019**

Mr. Spurr moved to approve Check Nos. 18695–18753 for the month of September 2019 in the amount of \$93,944.10. Mr. Leonard seconded the motion. Motion carried unanimously.

### **Other Business**

No other business was discussed.

### **Announcement of Next Regular Board Meeting**

The next regular meeting of the Board will be at 1:30 PM on October 9, 2019 at the Lake County Vector Control District Office, 410 Esplanade Lakeport, CA 95453.

Mr. Bostock moved to adjourn the meeting. Mr. Spurr seconded the motion.  
The meeting was adjourned by President Giambruno at 2:13 PM.

Respectfully submitted,

Ronald Nagy  
Secretary