

MINUTES OF PREVIOUS MEETING

October 9, 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, Ron Nagy, and George Spurr.

Absent: None.

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. Nagy moved to approve the Board Minutes of the September 11, 2019 regular meeting. Mr. Spurr 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 six mosquito samples this year.

Ten dead birds have been reported in Lake County in 2019. Two birds were tested and were negative for WNV.

For the rest of California, 112 cases of human West Nile virus illness have been reported from seventeen counties, 175 birds have tested positive for WNV from 18 counties, 3,126 WNV-positive mosquito samples from 24 counties, and 114 sentinel chickens from sixteen counties have tested positive for antibodies for West Nile virus.

St. Louis encephalitis (SLE) virus has been detected in 320 mosquito samples from twelve California counties this year. Additionally, three sentinel chickens from Merced County have seroconverted for SLE virus,

and five human cases of SLE illness have been reported from residents in three counties.

In the rest of the United States West Nile virus has been detected in 46 states. This includes 627 human cases from 41 states.

Dr. Scott reported on adult biting fly activity. Carbon dioxide-baited traps were set in various locations around the county in September. Among the mosquito species collected were *Culex tarsalis*, *Culex erythrothorax*, and *Culiseta incidens*. Large numbers of *Culicoides sonorensis* were collected as well.

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 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.

Dr. Scott reported on tick testing. Since October 2017, 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*. All of the samples were negative.

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

Dr. Scott reported on Clear Lake gnats, Chironominae, and Tanypodinae surveillance in Clear Lake. In the Upper Arm, Clear Lake gnat larvae numbers increased from 0.04 larvae per dredge in August 0.18 larvae per dredge in September. Chironominae numbers decreased from 16.11 larvae per dredge in August to 11.04 larvae per dredge in September. The Tanypodinae larvae numbers decreased from 9.00 larvae per dredge in August to 3.43 larvae per dredge in September.

Operation Report

During September, 0.15 inches of rainfall were recorded by the District's rain gauge. The total rainfall for the season is 39.71 inches.

On September 1, the level of Clear Lake was at 4.33 feet on the Rumsey Gauge. The lake level decreased to 3.52 feet by September 30.

The District received 45 service requests in September. The requests include four online requests and five yellowjacket requests.

The District's conference room was used on September 5 by First 5 of Lake County Smart Start, and by the Lake County Office of Education on September 13. The use of the meeting space was appreciated by both organizations.

Office Manager Jacinda Franusich attended the CSDA's Annual Conference in Anaheim on September 25-28. Sessions included capital improvement financing, effective public meetings, and public agency website compliance.

Dr. Scott will be attending the Mosquito and Vector Control Associations of California (MVCAC) Fall Board of Directors and Committee meetings in Visalia on October 28-30. Dr. Scott chairs the Integrated Vector Management and Reeves New Investigator, Award Committees, and serves on the Vector and Vectorborne Diseases Committee.

Approve Checks for the Month of October 2019

Mr. Nagy moved to approve Check Nos. 18754-180816 for the month of October 2019 in the amount of \$86,008.28. Mr. Leonard seconded the motion. Motion carried unanimously.

Other Business

No other business was discussed.

Announcement of the Next Board Meeting

The next regular meeting of the Board of Trustees will be at 1:30 PM on Wednesday, November 13, 2019 in the Lake County Vector Control District Board Room, 410 Esplanade, Lakeport, CA 95453.

Mr. Spurr moved to adjourn the meeting. Mr. Nagy seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 1:51 PM.

Respectfully submitted,

Ronald Nagy
Secretary