

MINUTES OF PREVIOUS MEETING

September 10, 2025

The regular monthly meeting of the Board of Trustees of the Lake County Vector Control District was called to order at 1:30 P.M. by President Giambruno.

Board Present: Rob Bostock, Curt Giambruno, Frank Lincoln, Ron Nagy, and George Spurr.

Absent: None.

District Personnel: Jamesina J. Scott, Ph.D., District Manager and Research Director, Jacinda Franusich, Office Manager, Brad Hayes, Vector Control Technician II, and Julian Chavez, Vector Control Technician II.

Guests: Ms. Deborah Ard, MSN RN PHN CIC., Senior Public Health Nurse-County Infection Preventionist.

Citizen's Input: None.

Agenda Additions and/or Deletions: None.

Approve Minutes of August 13, 2025 Regular Meeting with Corrections to the Check Numbers to Include Checks 23533-23550 Making the Total Expenditures for August 2025 \$182,134.08

Mr. Spurr moved to approve the Board Minutes of August 13, 2025 with corrections. Mr. Nagy seconded the motion. Motion carried unanimously.

Introduction of Vector Control Technician II Julian Chavez and Demonstration of Drone.

Julian Chavez gave a brief oral and visual presentation on the operation of the District's drone to the Board in the conference room. At 1:55 PM the Board moved outside so that Mr. Chavez could present a live drone demonstration. The Board was impressed with Mr. Chavez's knowledge and skill with the drone.

Research Report

Dr. Scott reported on arbovirus activity. West Nile virus (WNV) activity has been detected in five mosquito samples and four sentinel chickens in Lake County this year.

For the rest of California, twenty-two cases of WNV illness have been reported in California residents from eight counties. The cases include one fatality. In addition, 1,912 positive mosquito samples from 27 counties have been reported, 111 positive dead birds from sixteen counties have been reported, and 25 sentinel chickens from six counties have tested positive for antibodies to WNV as well.

Seventy-two St. Louis encephalitis virus (SLEV) positive mosquito samples have been reported from three California counties this year.

For the rest of the United States, there have been 577 human cases of West Nile virus illness reported from thirty-seven states, including seven fatal cases. In addition, forty states have reported WNV in mosquitoes, dead birds, sentinel chickens, or horses.

Nonhuman eastern equine encephalitis virus (EEEV) activity has been reported in ten states. No human cases have been reported so far this year.

Twenty-four human cases of La Crosse encephalitis virus (LACV) have been reported from five states. Additionally, positive mosquito samples have been reported from three states.

Three states have reported five human cases Jamestown Canyon virus (JCV). Additionally, seven states have reported mosquito samples positive for JCV.

Thirty-four human cases of Powassan virus (POWV) have been reported from nine states, including four fatalities from three of the states.

Five states have reported St. Louis encephalitis virus (SLEV) in mosquitoes or sentinel chickens this year.

There have been sixty chikungunya (CHIK) virus disease cases in travelers returning from affected areas reported in the United States this year. No locally-transmitted cases have been reported in the US.

There have been five Zika (ZIK) virus disease cases reported in residents of four states this year. In addition, one locally acquired case of ZIK was reported in a resident of Puerto Rico.

There has been one travel-associated case of Oropouche (ORO) virus reported in a Wisconsin resident this year.

There have been fifteen cases of locally acquired dengue (DEN) virus infection reported in Florida. Puerto Rico (2,349), the US Virgin Islands (47), and Northern Marianas (1) have reported locally acquired dengue cases as well. In addition, forty-two states have reported 457 travel-associated dengue cases this year.

Dr. Scott reported on adult biting fly activity. The District set 111 carbon dioxide baited traps in various locations around the county in August. The most abundant mosquito species was *Culex tarsalis*. Large numbers of biting black gnats were collected as well.

The New Jersey Light Traps set in Clearlake and Upper Lake were sampled in August. The most abundant mosquito species collected were *Anopheles franciscanus* and *Culex tarsalis*.

The resting boxes set in Lakeport and Upper lake were sampled in August. Three mosquito species were collected.

Dr. Scott reported on tick testing. Eight *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 the samples were negative.

Dr. Scott reported on the Clear Lake Gnat, Chironominae, and Tanypodinae Surveillance in Clear Lake. The Clear Lake gnat numbers decreased from 0.82 larvae per dredge in July, to 0.29 larva per dredge in August. The chironominae numbers decreased from 33.46 larvae per dredge in July to 15.04 larvae per dredge in August. The tanypodinae numbers decreased from 1.64 larvae per dredge in July to 0.68 larvae per dredge in August.

Operation Report

For the month of August, no rain was recorded at the District. The total rainfall for the season is 27.83 inches.

The level of Clear Lake was at 5.20 feet on the Rumsey Gauge as of August 1, and declined to 3.98 feet by August 31.

The Vector Control Technicians responded to 126 service requests in August, including 40 yellowjacket requests, and 43 technician-initiated larval source treatments. In addition, 27 online service requests were submitted in August.

The District has made three larvicide applications to an organic irrigated pasture near Middletown this season. A fourth application may be made in September.

The District hired Reed Yattaw as a seasonal Trapping Assistant in August. Reed holds a Bachelor of Science in Molecular, Cell and Developmental Biology from the University of Santa Cruz.

Entomologist Jessi Edmiston and Research Entomologist Chip Markwardt visited San Mateo County Mosquito Abatement District on August 21. While there they were given a tour of the District.

On August 22, five District employees participated in an aquatic insect and blacklight collecting night at Highland Springs County Park. The insects collected will be used to update the District's insect display cases.

Dr. Scott and Office Manager Jacinda Franusich attended a webinar on August 27 introducing the new website and learning management system of the Vector Control Joint Powers Agency (VCJPA).

Dr. Scott has been working on the *Culicoides* Project with Research Entomologist Chip Markwardt.

Dr. Scott and Office Manager Jacinda Franusich have continued the biweekly meetings with Ms. Amber Mena from VC3 to discuss the District's progress on the cybersecurity and internet/VOIP project.

Dr. Scott and Vector Control Technician II Brad Hayes attended a Middle Creek Restoration Project Committee meeting on August 4. They met with Lake County's Water Resource Director, Dr. Pawan Upadhyay, and other staff members involved with the maintenance in the Reclamation.

Dr. Scott contacted nineteen companies to request proposals for the Biological Resources and Cultural Resources Reports. The reports will allow the District to move forward with its General Plan amendments and rezoning. Seven consultants submitted proposals.

Review and Selection of Contractor Proposals for Cultural Resources and Biological Assessment Reports for Esplanade Property

Dr. Scott presented the proposals to the Board and after some discussion Mr. Bostock moved to approve the selection of Dr. John Parker for the Cultural Resources Assessment Report at a cost of \$1,500 and Northwest BioSurvey for the Biological Resources Assessment Report at a cost of \$5,200. Mr. Lincoln seconded the motion. Motion carried unanimously.

Approve Fiscal Year 2024/2025 Prop. 4 Compliance Resolution 25-05

Mr. Lincoln moved to approve the 2024/2025 Prop. 4 Compliance Resolution 25-05. Mr. Spurr seconded the motion. Motion carried with a roll call vote as follows: 5 in favor (Mr. Bostock, Mr. Giambruno, Mr. Lincoln, Mr. Nagy, and Mr. Spurr), none against.

Approve Checks for the Month of September 2025

Mr. Nagy moved to approve Check Nos. 23551–23605 for the month of September 2025 in the amount of \$117,851.75. Mr. Bostock 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 8, 2025 at the Lake County Vector Control District Office, 410 Esplanade Lakeport, CA 95453.

Mr. Nagy moved to adjourn the meeting. Mr. Spurr seconded the motion. There being no other business to discuss the meeting was adjourned by President Giambruno at 3:00 PM.

Respectfully submitted,

Ronald Nagy
Secretary