

## MINUTES OF PREVIOUS MEETING

July 12, 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: Rob Bostock, Curt Giambruno, Chuck Leonard, and Ron Nagy.

Absent: George Spurr (excused).

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

Guests: Ms. Melanie Lee of SCI Consulting Group.

Citizen's Input: None.

Agenda additions and/or deletions: None.

### **Open Public Hearing and Consideration of Levy of the Assessment for the Lake County Vector Control District Mosquito, Vector and Disease Control Assessment**

President Giambruno opened the Public Hearing at 1:34 P.M.

President Giambruno opened the Public Input portion of the Public Hearing at 1:35 P.M.

There was no public input.

President Giambruno closed the Public Input portion of the Public Hearing at 1:36 P.M.

### **Consideration of Resolution 17-04 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering Levy of The Mosquito, Vector, and Disease Control Assessment for Fiscal Year 2017-2018**

Mr. Nagy moved to approve Resolution 17-04 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering Levy of the Mosquito, Vector, and Disease Control Assessment for Fiscal Year 2017-2018. Mr. Leonard seconded the motion. Motion carried with a roll call vote as follows: four in favor (Mr. Bostock, Mr. Giambruno, Mr. Leonard, and Mr. Nagy), and one absent (Mr. Spurr).

### **Approve Minutes of June 14, 2017 Regular Meeting**

Mr. Nagy moved to approve the minutes of June 14, 2017 with a correction to the check numbers to include checks 16901-16920 in the amount of \$59,375.88 making the total for June \$109,416.32. Mr. Bostock seconded the motion. Motion carried unanimously.

### **Research Report**

Dr. Scott reported on vectorborne virus activity. West Nile virus (WNV) was detected in one dead bird in Lake County this year. The bird was collected in Clearlake on June 23.

In California, WNV has been detected in 412 mosquito samples, one sentinel chicken, and 39 dead birds. Additionally, three human cases of WNV illness have been reported.

Four mosquito samples from two California counties have tested positive for St. Louis encephalitis (SLE) virus.

From January 1 through June 30, 2017 there have been 67 travel-related cases of Zika virus reported from 19 California counties.

From January 1 through June 23, 2017 four Californians have acquired chikungunya virus infections while traveling.

For the rest of the United States, 21 states have reported WNV activity in birds, mosquitoes, sentinel chickens and humans this year.

There have been 22 human cases of WNV illness reported from 11 states, and non-human West Nile virus activity has been reported from 10 states.

Three states have reported eastern equine encephalitis virus activity this year.

There have been two human cases of Jamestown Canyon virus illness reported from two states.

Five cases of human illness from Powassan virus have been reported from four states.

Three states have reported St. Louis encephalitis virus activity in mosquitoes, and one case of human illness was reported from Arizona.

One hundred forty-eight human cases of Zika virus have been reported so far in 2017. One hundred forty-seven of the cases were in travelers returning from affected areas and one case was acquired through sexual transmission with a returned infected traveler.

Dr. Scott reported on adult biting fly activity. One hundred fifty-two carbon dioxide baited traps were set during June. Trap locations include Anderson Marsh, the City of Clearlake, Clearlake Oaks, Cobb, and Kelseyville. Among the mosquito species collected were: *Culex tarsalis*, *Aedes sierrensis*, *Anopheles franciscanus*, and *Anopheles freeborni*.

New Jersey light traps were set in the Reclamation and near Borax Lake during June. Among the mosquito species collected were *Anopheles freeborni*, *Aedes increpitus*, *Anopheles franciscanus*, and *Culex tarsalis*.

Large resting boxes were sampled in Kelseyville, Lakeport, and Upper Lake. Among the mosquito species collected were *Aedes sierrensis*, *Culex stigmatosoma*, and *Culex tarsalis*. Additionally, the Highland Springs Dam spillway and a culvert in North Lakeport were sampled in June.

Five Biogents Sentinel 2 (BGS-2) traps were set in Clearlake Oaks in June. These traps are designed to attract invasive *Aedes* mosquitoes and are used mainly for *Aedes aegypti* and *Aedes albopictus* surveillance (neither has been detected in Lake County yet). Two female *Cx. tarsalis* and one female *Cs. incidens* were collected.

Dr. Scott reported on tick testing. Twenty-two ticks that Lake County residents removed from themselves have been submitted to the Sonoma County Public Health Laboratory for testing for *Borrelia burgdorferi*. One tick was positive and 21 were negative.

Dr. Scott reported on Chaoboridae gnats. Clear Lake Gnat larval counts in the Upper Arm were zero larvae per dredge in June. Chironominae numbers for June were 55.43 larvae per dredge. Tanypodinae numbers for June were 6.54 larvae per dredge.

### **Operation Report**

During June, 0.18 inches of precipitation was recorded in the District's rain gauge. The total rainfall for the season is 44.73 inches, which is 171% of the average rainfall for this date.

On June 1, the level of Clear Lake was 7.07 feet on the Rumsey Gauge and decreased to 6.07 feet by June 30.

The District responded to 519 service requests in June. Additionally, sixteen residents came into the office in June for mosquitofish.

The District expects to make its first aerial application of VectoMax FG to the rice fields in the first week of July.

The District is planning two other large applications in July. An irrigated pasture near Middletown will be treated with MetaLarv S-PT, and an organic irrigated pasture, also near Middletown, will be treated with Natular G30.

The District's website received 787 page loads during the first half of June. The most frequently viewed pages were the Midges information page, the Home page, and the Service Request page. In mid-June the website was updated and the view tracking application that was being used was not transferred.

On June 7, Vector Biologist Bonnie Ryan spoke to the Lake County Rock Hounds during their meeting at the Redbud Library in Clearlake. In addition, Ms. Ryan gave a presentation to the students at the Creativity School in Clearlake.

Dr. Scott attended the Vector Control Joint Powers Agency (VCJPA) Board of Directors meeting in Sacramento on June 7.

Dr. Scott attended the Employer Risk Management Authority (ERMA) Board of Directors meeting in Sacramento on June 12.

**Final Budget Hearing for Fiscal Year 2017/2018**

After some discussion, Mr. Bostock moved to approve the Final Budget for Fiscal Year 2017/2018. Mr. Leonard seconded the motion. Motion carried unanimously.

**Approve Checks for the Month of July 2017**

Mr. Nagy moved to approve Check Nos. 16921-16974 for the month of July 2017 in the amount of \$313,661.84. Mr. Leonard seconded the motion. Motion carried unanimously.

**Other Business**

None.

**Announcement of the Next Board Meeting**

The next regular meeting of the Board of Trustees of the Lake County Vector Control District will be at 1:30 P.M. on August 9, 2017 in the LCVCD Board Room, 410 Esplanade Lakeport, CA 95453.

Mr. Nagy moved to adjourn the meeting. Mr. Bostock seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 2:16 P.M.

Respectfully submitted,

Ronald Nagy  
Secretary