

## MINUTES OF PREVIOUS MEETING

**August 9, 2017**

The regular monthly meeting of the Board of Trustees of the Lake County Vector Control District was called to order at 1:33 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., Manager and Research Director and Ms. Jacinda Fransich, Office Manager.

Guests: None.

Citizen's Input: None.

Agenda Additions and/or Deletions: None.

Mr. Leonard moved to approve the Board Minutes of July 12, 2017 with a correction to the check numbers to include checks 16975-16992 making the total for July \$357,296.27. Mr. Bostock seconded the motion. Motion carried unanimously.

### **Research Report**

Dr. Scott reported on vectorborne virus activity. Five mosquito samples and one dead bird from Lake County have tested positive for West Nile virus (WNV) so far this year.

In the rest of California West Nile virus has been detected in 1,125 mosquito samples, 115 WNV-positive dead birds, and 34 sentinel chickens. Additionally, six human cases of West Nile virus illness have been reported in 2017.

From January 1 through July 28, 2017 there have been 74 travel-related cases of Zika virus infection reported in Californians from 20 counties.

From January 1 through July 21, 2017 five travel-related cases of Chikungunya virus infection have been reported for California.

From January 1 through July 21, 2017 there have been 32 travel-related cases of dengue infections from residents of 16 California counties.

In the rest of the United States, thirty-three states have reported West Nile virus activity in birds, mosquitoes, sentinel chickens and humans in 2017.

Three states have reported non-human eastern equine encephalitis virus activity.

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

West Virginia has reported one human case of La Crosse encephalitis virus this year.

Twelve human cases of Powassan virus illness have been reported from six states this year.

Arizona has reported one case of human illness from St. Louis encephalitis (SLE) virus, and three other states have reported SLE virus in mosquitoes.

In 2017 there have been 181 Zika virus disease cases reported to the US Centers for Disease Control and Prevention. One case was acquired through sexual contact with a returned traveler, and the rest were travelers returning from affected areas.

The US Territories of Puerto Rico, US Virgin Islands, and American Samoa have reported 532 human cases of Zika virus illness. All of these cases were presumed to be acquired by local mosquito-borne transmission.

Fourteen human cases of chikungunya virus illness have been reported from nine states this year. All of the cases were in travelers returning from affected areas.

Dr. Scott reported on adult biting fly activity. One hundred twenty-three carbon dioxide-baited traps were set during July. The trap sites included

Anderson Marsh, the City of Clearlake, Clearlake Oaks, Kelseyville, Lakeport, Middletown, and Lower Lake. Several mosquito species were collected, including *Anopheles freeborni*, *Anopheles franciscanus*, and *Culex tarsalis*.

New Jersey Light Traps were set in the Reclamation and near the City of Clearlake. The mosquito species that were collected from the sites included *Anopheles franciscanus*, *Culex stigmatosoma*, and *Culex tarsalis*. In addition to the mosquitoes, biting black gnats were collected from the City of Clearlake trap.

Large Red Boxes from Kelseyville, Lakeport, and Upper Lake were sampled in July. Among the mosquito species collected were *Culex tarsalis*, *Anopheles franciscanus*, and *Culex stigmatosoma*.

The Highland Springs Dam spillway was sampled on four dates in July. Among the mosquito species collected were *Culex tarsalis*, *Culex boharti*, and *Anopheles punctipennis*.

A culvert in North Lakeport was sampled on eight dates in July. *Culex tarsalis*, *Culex stigmatosoma*, and *Anopheles freeborni* were among the mosquito species collected.

Biogents Sentinel 2 (BGS-2) Traps were set at four locations in Clearlake Oaks in July. *Culex tarsalis*, *Culex stigmatosoma*, *Anopheles franciscanus*, and *Anopheles freeborni* were collected.

Dr. Scott reported tick testing. Twenty-three *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 22 were negative.

Dr. Scott reported on the Clear Lake Gnat, Chironominae, and Tanypodinae Surveillance in Clear Lake. Clear Lake Gnat larvae numbers in the Upper Arm of Clear Lake remained at zero for the second month in a row. Chironominae numbers decreased from 55.43 larvae per dredge in June to 11.18 larvae per dredge in July. Tanypodinae numbers decreased from 6.54 larvae per dredge in June to 2.54 larvae per dredge in July.

## **Operation Report**

During July no rainfall was recorded in the District's rain gauge. The total seasonal rainfall is 44.73 inches, which is 171% of the average precipitation for the season.

On July 1, the level of Clear Lake was at 6.03 feet on the Rumsey Gauge. The lake level decreased to 4.69 feet by July 31.

One hundred fourteen service requests were received in July, with sixteen residents coming into the office during the month for mosquitofish.

The wild rice was treated aerially on July 1 with VectoMax FG. This is the first aerial application to the rice this summer. A second application is scheduled for August 3.

An organic pasture near Middletown was treated with the larvicide Natular G30 in July. Natular G30 provides extended larval control and complies with organic certification requirements.

The floor in the utility closet of the Administrative Building sustained water damage over a weekend due to overflow from the condensation tray on the cooling system. The system's drain had been plugged with debris from the winter's flooding. The blockage was cleared and the water cleaned up, but some shelving will need to be replaced along with some of the subfloor.

The District issued two news releases in July. The first release was done jointly with the Lake County Department of Public Health on July 1, and it announced the year's first detection of WNV in the county in a dead bird from the City of Clearlake. The second release was issued on July 4.

Dr. Scott attended the Mosquito and Vector Control Association of California (MVCAC) Sacramento Valley Regional Meeting on July 13 in South Lake Tahoe.

Dr. Scott has been nominated for the Southern Pacific Regional Direct for the American Mosquito Control Association (AMCA). If elected Dr. Scott would serve a 3 year term beginning in 2018.

## **Discussion and Approval of District Response to 2016-2017 Grand Jury Report**

After some discussion Mr. Leonard moved to approve Dr. Scott's response to the Grand Jury with the addition of President Giambruno's signature to the letter. Mr. Bostock seconded the motion. Motion carried unanimously.

**Approve Fiscal Year 2016/2017 Prop. 4 Compliance Resolution No. 17-05**

Mr. Leonard moved to approve Resolution No. 17-05 Proposition 4 Compliance Resolution. Mr. Bostock seconded the motion. Motion carried with a roll call vote as follows: Four in favor (Mr. Bostock, Mr. Giambruno, Mr. Leonard, and Mr. Spurr), One absent (Mr. Nagy).

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

Mr. Spurr moved to approve Check Nos.16993–17038 for the month of August 2017 in the amount of \$74,533.90. 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 September 13, 2017 at the Lake County Vector Control District Office, 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 2:30 PM.

Respectfully submitted,

Ronald Nagy  
Secretary