

MINUTES OF PREVIOUS MEETING

October 12, 2011

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, Melford Gatton, Curt Giambruno, Lowell Grant, and Ron Nagy.

Absent: None.

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

Guests: None.

Mr. Nagy moved to approve the Board Minutes of September 14, 2011. Mr. Bostock seconded the motion. Motion carried unanimously.

Citizen's Input: None.

Agenda Additions and/or Deletions: None.

Research Report

Dr. Scott reported on vector-borne disease activity. So far in 2011 West Nile virus (WNV) has been detected in three mosquito samples and one dead bird in Lake County. The positive mosquito samples were collected near Kelseyville and near Middletown, and the positive dead bird was collected in Clearlake Oaks.

For the rest of California, thirty-two counties have detected WNV in 2011. One hundred-five human cases have been reported, twenty-five counties have reported WNV in dead birds, two hundred fifty-two sentinel chickens from 15 counties have seroconverted for WNV, ten horses have been reported positive for WNV, and fifteen squirrels have been reported WNV-positive.

Throughout the rest of the United States West Nile virus has been reported in forty-five states. Two hundred sixty-four human cases, seven hundred positive dead birds and 9,203 positive mosquito samples have been reported in 2011.

Six locally acquired cases of dengue have been reported in the United States in 2011. Four of the cases were in Hawaii and two were in Florida.

Twelve cases of Powassan encephalitis have been reported this year. One resident of Minnesota has died as a result of the infection.

Seventy-nine human cases of La Crosse Encephalitis virus have been reported from ten states.

Two human cases of Eastern Equine Encephalitis virus have been reported in 2011 from Oswego County, NY and Bristol County, MA. In addition, twenty birds have tested positive for Eastern Equine Encephalitis.

One human case of St. Louis encephalitis virus has been reported from an Arkansas resident. Twenty chickens from Florida have seroconverted for SLE this year.

Dr. Scott reported on adult biting fly activity. Eighty-four carbon dioxide-baited traps were set during September. The trap sites were in Anderson Marsh State Historic Park, Bachelor Valley, Clearlake near Big Borax Lake, Hidden Valley Lake, Kelseyville, Lakeport, Lower Lake, Middletown, and Upper Lake. Among the mosquito species collected were *Culex tarsalis*, *Anopheles franciscanus*, *Anopheles freeborni*, and *Culex stigmatosoma*.

Large Resting Boxes were set in Lakeport, Kelseyville, and Upper Lake. Among the mosquito species collected were *Culex pipiens*, *Anopheles freeborni*, *Anopheles franciscanus*, and *Culex tarsalis*.

New Jersey light traps were set in the Reclamation near Upper Lake and in Clearlake near Big Borax Lake. Among the mosquito species collected were *Aedes vexans*, *Anopheles punctipennis*, *Culex erythrothorax*, and *Anopheles freeborni*.

Dr. Scott reported on tick surveillance and testing. Two sites were sampled for ticks in September, but no ticks were collected. The District has received preliminary results for the *Dermacentor occidentalis* nymphs

collected in Lake County in connection with three suspected human cases of *Rickettsia* 364D. Near the site where two cases were reported 3 of the 28 nymphs were positive for a Spotted Fever Group (SFG) *Rickettsia*. At a second site one of the two nymphs were positive for a SFG *Rickettsia*. The samples have been sent to the Centers for Disease Control and Prevention (CDC) in Atlanta to determine which SFG *Rickettsia* the ticks are carrying.

Dr. Scott reported on Chaoboridae gnats. Clear Lake Gnat larvae numbers increased from 1.18 larvae per dredge in August to 8.07 per dredge in September. Chironominae numbers increased from 14.36 larvae per dredge in August to 14.54 per dredge in September. Tanypodinae numbers decreased from 8.14 larvae per dredge in August to 3.39 per dredge in September.

Dr. Scott reported on the Asian tiger mosquito. The Asian tiger mosquito (*Aedes albopictus*), was detected in a mobile home community in South El Monte, CA. Additional surveillance detected the mosquito in the city of El Monte. Local vector control districts are attempting to eradicate the mosquito before it becomes firmly established. At this time, *Aedes albopictus* has not been detected outside of these two cities in Los Angeles County.

Operation Report

The lake level of Clear Lake was 3.55 feet on September 1, and had decreased to 2.72 feet by September 30.

The number of adulticide treatments decreased in September and are expected to end for the year in October. The Vector Control Technicians continue to inspect and treat larval sources. Adult mosquito surveillance will continue until temperatures limit adult mosquito activity.

Repairs to the flooring and carpeting damaged by the water leak in the men's restroom in the District's Administrative building were completed in September.

Seventeen applications have been received for the District's Entomologist position, along with twenty applications for the Vector Control Technician I (Seasonal) position. Review of the applications will begin after October 7, with interviews of the top candidates to follow.

The District issued three media releases regarding local West Nile virus activity in September. All three releases reminded residents to protect themselves by dressing appropriately, using insect repellent, and minimizing outdoor activity during peak periods of mosquito activity.

The District was invited to participate in the Community Disaster Preparedness Expo, which will be hosted by Mendo Mill Home Center and Lumber Co. and the City of Lakeport. The Expo will be held at the Lakeport Mendo Mill from 10:00AM to 3:00AM on Saturday, October 15.

The District added a hit counter to its website on August 9. Since that date the District's homepage has received over 300 hits.

Dr. Scott gave an NPDES update. It appears that the stay of the National Pollutant Discharge Elimination System (NPDES) will expire on October 31, 2011. The hoped for legislative fix (HR 872) continues to be held on the Senate Floor at the request of U.S. Senators Barbara Boxer and Ben Cardin.

The District is fully prepared to comply with the permit if there is no legislative fix in place by October 31.

Dr. Scott attended the Society for Vector Ecology Annual Conference in Flagstaff, AZ September 25-29. Dr. Scott was invited to give a presentation about the introduction of *Aedes japonicus* into the United States.

Dr. Scott will be attending the CalPERS Educational Forum in Long Beach, CA on October 24-26.

Dr. Scott will be attending the Vector Control Joint Powers Agency (VCJPA) Board of Directors meeting and the Mosquito and Vector Control Association of California (MVCAC) Fall Quarterly Meetings in South Lake Tahoe, CA on November 2-4. Dr. Scott is the Sacramento Valley's Regional Representative and serves as the President of the VCJPA. She also chairs the Integrated Vector Management (IVM) Committee and serves on the Vectors and Vector-borne Diseases Committee.

Discussion and Consideration of Draft LCVCD General Policies

After some discussion Mr. Bostock moved to approve the draft LCVCD general policies, 2310 Job Description – Entomologist, 2315 Job

Description – Vector Biologist, and 3040 Expense Authorization with the following amendments to 3040 Expense Authorization: Paragraph 3040.2 change \$20,000 to \$10,000, Paragraph 3040.3.4 add “by Office Manager” to the end of the paragraph, Paragraph 3040.3.5 delete “at any time” and add “at least twice a year” to the end of the paragraph, Paragraph 3040.4.4 add “by Office Manager” to the end of the paragraph, and 3040.3.4 delete “at any time” and add “at least twice a year” to the end of the paragraph. Mr. Nagy seconded the motion. Motion carried unanimously.

Approve Checks for the Month of October 2011

Mr. Nagy moved to approve Check Nos. 11899-11968 for the month of October 2011 in the amount of \$85,724.30. Mr. Gatton seconded the motion. Motion carried unanimously.

Other Business

Dr. Scott mentioned that a large dead tree had been cleared from the neighboring parcel at 35 C Street. The tree was listed on the “Notice of Abatement” that had been posted by the City of Lakeport. Dr. Scott contacted the City, and it appears that they are now working directly with Chase Bank on the C Street property.

Announcement of the Next Board Meeting

The next regular meeting of the Board of Trustees will be at 1:30 P.M. on November 9, 2011 at the Lake County Vector Control District Office, 410 Esplanade, Lakeport, CA 95453.

Closed Session

No Closed Session was held.

Mr. Nagy moved to adjourn the meeting. Mr. Gatton seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 3:45 P.M.

Respectfully submitted,

Ronald Nagy
Secretary