

MINUTES OF PREVIOUS MEETING

August 10, 2011

The regular monthly meeting of the Board of Trustees of the Lake County Vector Control District was called to order at 1:40 P.M. by President Giambruno.

Board Present: Rob Bostock, Curt Giambruno, Lowell Grant, and Ron Nagy. Mr. Gatton arrived at 2:00 P.M.

Absent: None.

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

Guests: None.

Citizen's Input: None.

Agenda Additions and/or Deletions: None.

Mr. Grant moved to approve the Board Minutes of July 13, 2011 with a correction to the checks to include check numbers 11731-11746, making the total expenditures for July 2011, \$187,609.30. Mr. Bostock seconded the motion. Motion carried unanimously.

Research Report

Dr. Scott reported on vector-borne disease activity. No West Nile virus (WNV) has been detected in Lake County during 2011. Eighteen counties in California have detected WNV activity in 2011. Ten human cases have been reported from six counties; twelve counties have reported WNV in dead birds, fifteen counties have reported WNV in mosquito samples, and three counties have reported sentinel chickens positive for WNV antibodies.

In the rest of the United States twenty-four states have reported WNV activity in 2011. Thirteen human cases, 132 WNV-positive dead birds and 2,067 mosquito samples have been reported. Ninety-eight sentinel

chickens (mostly in Florida) have tested positive for WNV antibodies. Five equine cases of WNV have been detected in three states.

A small outbreak of dengue infected five residents in Pear City, Hawaii. Forty-six imported cases of dengue have been reported in the United States during 2011.

Five cases of Powassan virus infection have been reported this year. Powassan virus is a tick-borne flavivirus that occurs in the Great Lakes and eastern states.

Eight human cases of La Crosse encephalitis virus infection have been reported in 2011. The eastern treehole mosquito is the primary vector of La Crosse encephalitis, and most of the infections occur in children.

Eastern equine encephalitis virus activity has increased nationally, and while most of the activity has been from the southern states, EEE-positive mosquitoes were detected in Massachusetts and New York in the last month.

Dr. Scott reported on treehole mosquito surveillance. The above average- and late spring-rainfall resulted in a larger emergence of female treehole mosquitoes than in a typical year. This has been an active treehole mosquito season.

Dr. Scott reported on adult biting fly activity. Ninety-nine carbon dioxide-baited traps were set during July. The trap sites included Anderson Marsh State Historic Park, Big Borax Lake, Hidden Valley, and Kelseyville. Several mosquito species were collected, including *Aedes increpitus*, *Anopheles freeborni*, and *Culex tarsalis*.

New Jersey Light Traps were set in the Reclamation and near Big Borax Lake. The mosquito species that were collected from the sites included *Aedes increpitus*, *Anopheles franciscanus*, *Aedes vexans*, and *Culex tarsalis*.

Large Resting Boxes were set in Lakeport, Kelseyville, and Upper Lake. Among the mosquito species collected from the sites were: *Aedes increpitus*, *Culex stigmatosoma*, and *Culex tarsalis*.

Dr. Scott reported on the district assisting with tick surveillance for possible *Rickettsia* 364D cases. The District was notified by the Lake County Public Health Officer (Dr. Karen Tait), about possible *Rickettsia* 364D infections in southern Lake County. The District's Vector Biologist Bonnie Ryan, Laboratory Assistant Michelle Koschik, and Dr. Scott were accompanied by staff from the California Department of Public Health-Vector-borne Disease Section to collect *Dermacentor occidentalis* from sites of probable exposure. Twenty-eight *D. occidentalis* nymphs and twenty-five *D. occidentalis* larvae were collected. The ticks are being tested for *Rickettsia* 364D at the state's Viral and Rickettsial Disease Laboratory in Richmond, CA.

Dr. Scott reported on tick surveillance and testing. Two sites were sampled for ticks in July as part of the District's regular surveillance program. *Ixodes pacificus* and *D. occidentalis* ticks were collected.

The District has received eleven *Ixodes pacificus* ticks since October from Lake County residents who removed the ticks from themselves and requested testing. All the ticks were submitted to the Sonoma County Public Health Laboratory for *Borrelia burgdorferi* testing. All the ticks were negative.

Dr. Scott reported on Chaoboridae gnats. Clear Lake Gnat larvae numbers in the Upper Arm of Clear Lake decreased from 11.79 per dredge in June to 7.11 per dredge in July. Chironominae numbers decreased from 18.54 per dredge in June to 10.61 per dredge in July. Tanypodinae numbers dropped sharply from 27.04 per dredge in June to 4.54 per dredge in July.

Operation Report

On July 1, the level of Clear Lake was at 6.27 feet on the Rumsey Gauge. The lake level decreased to 4.90 feet by July 31.

On July 28, the District made its second aerial application to the wild rice near Upper Lake. Five hundred twenty acres of rice were treated with VectoMax CG.

The District's Vector Control Technicians continue to make good progress contacting residents with neglected swimming pools. Most of the residents have been cooperative with the District and appreciative of its services.

The District provided displays of local insects and handouts about ticks and mosquitoes for the Lakeport Library's July insect month. On July 27, the library held an "Answer your Insect Questions" workshop. Dr. Scott set up a microscope with camera and projector to give workshop attendees a closer look at some of the specimens, and answered questions and provided identifications of some local insects.

The District's advertisement on the Lake County News website (www.lakeconews.com) has received 341 hits since it was posted in April. By clicking on the District's ad, readers are redirected to the District's website at www.lcvcd.org.

Dr. Scott gave an NPDES update. The stay of National Pollutant Discharge Elimination System (NPDES) will expire on October 31, 2011 unless a legislative fix is in place before that date.

The hoped for legislative fix, HR 872, the Reducing Regulatory Burdens Act of 2011, has a "hold" placed on it by U.S. Senators Barbara Boxer (CA) and Ben Cardin (MD). If the hold on HR 872 is not removed, the bill will die there and the NPDES Permit will take effect on November 1.

The District has submitted its NPDES Permit application to the State Water Resources Control Board (SWRCB). The application and supporting documents are posted on both the District's and SWRCB's websites.

District employees will receive training this fall in NPDES permit compliance, which will include the definition of Waters of the U.S., how to record and report information from applications and monitoring to meet the permit requirements, how to collect samples, and how to perform visual monitoring.

Dr. Scott attended the Mosquito and Vector Control Association of California Spring Board of Directors Meeting and NPDES Permit Workshop on July 21.

Discussion and Consideration of Draft LCVCD General Policies

Dr. Scott presented three new draft policies to the Board for consideration. After some discussion Mr. Grant moved to accept policies 3020 Budget Preparation, 3075 Credit Card Usage, and 3080 Purchasing with an amendment to 3080 Purchasing, removing the word "telephone" from

section 3080.2. Mr. Nagy seconded the motion. Motion carried unanimously.

Approve Fiscal Year 2010/2011 Prop. 4 Compliance Resolution No. 11-07

Mr. Grant moved to approve the Prop 4 Compliance Resolution No 11-07. Mr. Gatton seconded the motion. Motion carried with a roll call vote as follows: Five in favor (Mr. Gatton, Mr. Giambruno, Mr. Grant, Mr. Nagy, and Mr. Bostock), and none opposed.

Final Budget Hearing for Fiscal Year 2011/2012

Dr. Scott presented the District's Final Budget for Fiscal Year 2011/2012 to the Board. Dr. Scott informed the Board that it had come to the Office Manager's attention after the Final Budget had been completed and mailed to the Board that the account 28.30 District Special Expense, would need to be amended, and that in order to keep the budget balanced funds from 90.91 Contingencies should be transferred to 28.30. Mr. Grant mentioned that he wanted to have a discussion regarding employee benefits, namely CalPERS pension benefits, placed on the September 2011 Agenda.

Mr. Grant moved to approve the 2011/2012 Final Budget with an amendment to account 28.30 District Special Expense increasing the amount from \$100,000 to \$145,000, and an amendment to account 90.91 Contingencies decreasing the amount from \$100,000 to \$55,000. Mr. Nagy seconded the motion. Motion carried with a roll call vote as follows: Five in favor (Mr. Gatton, Mr. Giambruno, Mr. Grant, Mr. Nagy, and Mr. Bostock), and none opposed.

Consideration of Nomination for an Independent Special District Representative to the Local Agency Formation Commission of Lake County

After some discussion the Board decided not to nominate a representative to serve on the Local Agency Formation Commission of Lake County.

Checks for the Month of August 2011

Mr. Nagy moved to approve Check Nos. 11748–11822 for the month of August 2011 in the amount of \$183,674.06. Mr. Gatton seconded the motion. Motion carried unanimously.

Other Business

Dr. Scott informed the Board that included at the end of the meeting packet was a copy of the Vector Control Joint Powers Authority Property Contingency Fund and Member Contingency Fund for the Board's information.

Dr. Scott informed the Board that she would be taking the week of August 15-19 as vacation time.

Announcement of Next Regular Board Meeting

The next regular meeting of the Board will be at 1:30 PM on September 14, 2011 at the Lake County Vector Control District Office, 410 Esplanade Lakeport, CA 95453

Closed Session

No Closed Session was held.

Mr. Giamb Bruno moved to adjourn the meeting. Mr. Nagy seconded the motion. There being no other business the meeting was adjourned by President Giamb Bruno at 3:15 PM.

Respectfully submitted,

Ronald Nagy
Secretary