

## MINUTES OF PREVIOUS MEETING

June 8, 2011

The regular monthly meeting of the Board of Trustees of the Lake County Vector Control District was called to order at 1:35 P.M. by President Giambruno.

Board Present: Rob Bostock, Melford R. Gatton, Curt Giambruno, Lowell Grant, and Ron Nagy.

Absent: None.

District Personnel: Jamesina Scott, Ph.D., Manager and Research Director, Ms. Jacinda Franusich, Office Manager, and Mr. Terry Sanderson, Vector Control Technician

Guests: Ms. Melanie Lee of SCI Consulting Group.

Citizen's Input: None.

Agenda Additions/Deletions: None.

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

President Giambruno opened the Public Hearing at 1:40 P.M.

President Giambruno gave a brief overview of the history of the Lake County Vector Control District Mosquito, Vector and Disease Control Assessment.

President Giambruno opened the Public Input portion of the Public Hearing at 1:45 P.M.

There was no public input.

President Giambruno closed the Public Input Portion of the Public Hearing at 1:50 P.M.

**Consideration of Resolution 11-04 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering Levy of the Mosquito, Vector and Disease Control Assessment for Fiscal Year 2011-2012.**

After some discussion, Mr. Grant moved to approve Resolution 11-04 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering Levy of The Mosquito, Vector and Disease Control Assessment for Fiscal Year 2011-2012. Mr. Bostock seconded the motion. Motion carried with a roll call vote as follows: five in favor (Mr. Giambruno, Mr. Gatton, Mr. Grant, Mr. Nagy, and Mr. Bostock), and none against.

**Approve Minutes of May 11, 2011 Regular Meeting**

Mr. Grant moved to approve the Board Minutes of May 11, 2011. Mr. Nagy seconded the motion. Motion carried unanimously.

**Research Report**

Dr. Scott reported on arbovirus activity. No West Nile virus has been detected in Lake County in 2011. In the rest of California, six counties have detected WNV activity. Four counties reported WNV-positive dead birds and three counties have detected WNV in mosquito samples.

On a national level, locally contracted dengue fever was detected in Hawaii in March, and WNV-positive mosquitoes were collected in Louisiana.

Dr. Scott reported on treehole mosquito surveillance. Above-average rains have maintained water levels in most treeholes, which has allowed the female mosquitoes to have an above-average survivorship. Rain in May triggered the hatch of an unusual second generation of treehole mosquitoes, which may prolong the treehole mosquito season in some areas.

Dr. Scott reported on adult biting fly activity. Forty carbon dioxide-baited traps were set around Lake County in May. The traps set in Anderson Marsh State Historic Park collected eight mosquito species, and a variety of other insects. Traps set at Big Borax Lake collected four mosquito species and very large numbers of biting black gnats. One trap set near Cobb collected two mosquito species.

Carbon dioxide baited traps were also set in Hidden Valley, Kelseyville, Lakeport, Lower Lake, Middletown, and Upper Lake. The traps collected various mosquito species and other types of biting flies.

New Jersey Light Traps were set in the Reclamation and near Big Borax Lake. Among the mosquito species collected were *Aedes increpitus*, *Culiseta inornata*, and *Culex tarsalis*.

Two Large Resting Boxes in Lakeport were sampled on eleven dates in May and nine mosquito species were collected. The Large Resting Box near Kelseyville was sampled on five dates in May and seven mosquito species were collected.

Dr. Scott reported on tick surveillance and testing. No tick surveillance was done in May. However, since October the District has received ten ticks from Lake County residents who removed the ticks from themselves and requested testing. The ticks were submitted to the Sonoma County Public Health Laboratory for Lyme disease 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 19.25 larvae per dredge sample in April to 11.79 per dredge in May. Chironominae numbers decreased from 14.75 larvae per dredge in April to 9.79 per dredge in May. Tanypodinae numbers increased from 21.11 per dredge in April to 25.54 per dredge in May.

### **Operation Report**

The rain gauge at the LCVCD office in Lakeport received 1.22 inches of rain during May. The rainfall is above the 10-year average cumulative rainfall for this date.

The level of Clear Lake on May 1 was at 7.55 feet on the Rumsey Gauge. The lake level is 1.44 inches higher than it was at the end of May 2010 and 8.64 inches above the 88-year average for this time of year.

Cold temperatures and rainy weather reduced the district's ability to treat some areas of the county for adult mosquitoes. However, the weather also reduced adult mosquito activity. Continued benefits are still being

observed from the aerial application of Bti to *Aedes increpitus* habitat between south Lakeport and the Clear Lake State Park in March.

The boards were put up on the Spring Valley Lake dam, which increases the depth of the lake. Vector Control Technicians have inspected larval habitats twice since the boards were installed, and have not found any *Aedes vexans* larvae.

On May 16 the Regional Biologist from the California Department of Health Services – Vector-borne Disease Section (Denise Bonilla), conducted a program review required by the terms of our Cooperative Agreement. Ms. Bonilla recommended adding some data fields to our pesticide application records to improve compliance with the NPDES permit.

A replacement ultra-low temperature freezer was purchased and installed in May. The freezer is necessary to store specimens and to maintain dry ice.

The District's online service request form became available to residents. The form is accessible through a link on the District's webpage ([www.lcvcd.org](http://www.lcvcd.org)).

Vector Biologist Bonnie Ryan and Vector Control Technician Sandi Courcier represented the District at the Kelseyville Elementary School Science Fair on May 19.

On June 18, the District will have a booth at Middletown Days. The booth will display live and preserved insects and District staff will answer questions about the District, its services, mosquitoes, ticks and other vectors.

On May 19, Laboratory Assistant Michelle Koschik, Vector Control Technician Sandi Courcier, and Vector Biologist Bonnie Ryan took the Vector Control Certification exams in Elk Grove, CA. All of the employees passed their exams, and all the District's field employees are now fully certified.

Dr. Scott gave an NPDES update. On October 31, 2011 the stay granted by the 6<sup>th</sup> Circuit Court of Appeals will expire and LCVCD, along with 365,000 other non-agricultural pesticide operators will be required to have

an NPDES permit for all application of biological and chemical pesticides that are applied to or near waters of the US. Failure to comply with the Clean Water Act carries penalties up the \$37,500 a day. In addition, the Clean Water Act provides for citizens to file suit and if a citizen prevails, the operator is liable for the citizen's legal fees. The LCVCD will submit its application to the State Water Resources Control Board for its NPDES permit in June.

Dr. Scott attended the MVCAC Spring Quarterly Board of Directors and committee meetings in Seaside, CA on May 5-6. The NPDES permit updates occupied much of the meetings' discussions.

### **Discussion and Consideration of Draft LCVCD General Policies**

After some discussion Mr. Bostock moved to approve policies: 2180 Grievance, 2250 Separation from Employment, 2260 Disciplinary Action, and 2295 Driver Training as written. Mr. Nagy seconded the motion. Motion carried unanimously.

### **Consideration of Resolution 11-05 A Resolution to Tax Defer CalPERS Member Paid Contributions**

After some discussion Mr. Grant moved to approve Resolution 11-05 A Resolution to Tax Defer CalPERS Member Paid Contributions. Mr. Gatton seconded the motion. Motion carried with a roll call vote as follows: five in favor (Mr. Gatton, Mr. Giamb Bruno, Mr. Bostock, Mr. Grant, and Mr. Nagy), none against.

### **Approve Budget Transfers**

Mr. Grant moved to approve the budget transfer from 90.91 Contingencies, to 22.72 Books/Periodicals, in the amount of \$200, and from 90.91 Contingencies, to 62.74 Equipment-Other, in the amount of \$3,000. Mr. Gatton seconded the motion. Motion carried unanimously.

### **Approve Checks for the Month of June 2011**

Mr. Nagy moved to approve Check Nos. 11588 – 11660 for the month of June 2011 in the amount of \$89,281.73. Mr. Gatton seconded the motion. Motion carried unanimously.

### **Other Business**

Mr. Giambruno mentioned that Dr. Scott had passed her Special District Administrators Exam, and received a very nice plaque from the California Special District Association to recognize that achievement.

**Announcement of the Next Regular 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 July 13, 2011 in the LCVCD Board Room, 410 Esplanade, Lakeport, CA 95453.

**Closed Session**

No Closed Session was held.

Mr. Nagy moved to adjourn the meeting. Mr. Grant seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 3:20 P.M.

Respectfully submitted,

Ronald Nagy  
Secretary