

## MINUTES OF PREVIOUS MEETING

June 9, 2010

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: Melford R. Gatton, Curt Giambruno, Lowell Grant, Ron Nagy, and Phillip Murphy.

Absent: None.

District Personnel: Jamesina Scott, Ph.D., Manager and Research Director, Ms. Jacinda Franusich, Office Manager, Mr. Terry Sanderson, Mr. Randall Williams, Mr. Porter Anderson, Ms. Sandi Courcier (LCVCD Vector Control Technicians), Ms. Bonnie Ryan, and Mr. David Woodward (LCVCD Vector Biologists).

Guests: Ms. Maria Garcia-Adarve and Ms. Melanie Lee of SCI Consulting Group, Ms. Betsy Cawn (Resident of Upper Lake), and Ms. Leslie Firth (Resident of Lakeport, Local Business Owner, and President of Lakeport Main Street Association).

Citizen's Input: None.

Agenda Additions/Deletions: None.

President Giambruno opened the Public Hearing at 1:35 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 1:40 P.M.

### Ms. Betsy Cawn from Upper Lake

Ms. Cawn mentioned that the assessment budget page in the LCVCD Mosquito, Vector and Disease Control Assessment Engineer's Report was unclear, and that maybe a different format with more description could be

utilized in the future. In addition, Ms. Cawn stated that she believes the programs and services offered by the District are important and vital to the public it serves.

Ms. Leslie Firth from Lakeport

Ms. Firth stated that the services offered by the District make a substantial difference in the ability of people in Lake County to enjoy outdoor recreation activities in the summer months. Ms. Firth mentioned that she has personally made use of the District's aduaticiding service in the past and it enabled her to resume her outdoor activities. In addition, Ms. Firth stated that the Lakeport Main Street Association also made use of the District's aduaticiding program last year, which contributed to the success of its annual movie night held at Library Park in Lakeport.

There were no questions to be answered by District staff or SCI Consulting regarding the benefit assessment.

President Giamb Bruno closed the Public Input Portion of the Public Hearing at 1:45 P.M.

After some discussion, Mr. Grant moved to approve Resolution 10-04 Approving Engineer's Report, Confirming Diagram and Assessment, and Ordering Levy of The Mosquito, Vector and Disease Control Assessment. Mr. Nagy seconded the motion. Motion carried with a roll call vote as follows: five in favor (Mr. Giamb Bruno, Mr. Gatton, Mr. Grant, Mr. Nagy, and Mr. Murphy), and none against.

Mr. Gatton moved to approve the Board Minutes of May 12, 2010. Mr. Grant 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 2010. In the rest of California six West Nile virus-positive dead birds have been reported from two counties. In addition, one positive mosquito pool from San Bernardino County, and one from Riverside County have been reported.

On a national level, eastern equine encephalitis has been reported in Marion County in Florida. In addition, the dengue outbreak first detected in Key West, Florida in 2009 is continuing this year. The case count is now up to 28 human infections.

Dr. Scott reported on adult biting fly activity. During May five different mosquito species were collected from the New Jersey light trap at Big Borax Lake. During the same period, six different mosquito species were collected from the NJLT in the Reclamation area.

The two large resting boxes at the Woodward site collected eight mosquito species, the Kelseyville resting box collected six mosquito species, and the resting boxes in the Reclamation collected four mosquito species.

Due to the rainy, cool, and windy weather CO<sub>2</sub>-baited trapping was limited during May. The traps set at Anderson Marsh collected seven mosquito species, the traps at Big Borax Lake collected huge numbers of biting black gnats. At Clear Lake State Park the traps collected three mosquito species, seven mosquito species were collected from the Lakeport Wastewater Treatment Plant traps, five species from Spring Valley, six species from the Reclamation District, five species from the Wisely site, and eight species from the Woodward site.

Dr. Scott reported on treehole mosquitoes. Treehole water depths are above average for May, while the water temperatures are much lower than usual. The lower water temperatures have extended the emergence period for the treehole mosquitoes. Fourth instar *Aedes sierrensis* abundance is at the highest level for May in the last decade.

Dr. Scott reported on tick surveillance and testing. Five locations around Lake County were sampled for ticks: Clear Lake State Park, Scotts Valley, Clearlake Riviera, Lower Lake, and Upper Lake.

Dr. Scott reported on Chaoboridae gnats. Clear Lake gnat larvae numbers in the Upper Arm of Clear Lake decreased from 1.50 larvae per dredge sample in April to 0.68 in May. Chironominae numbers decreased from 34.14 larvae per dredge sample in April to 17.29 in May. Tanypodinae numbers increased from 7.14 per dredge in April to 10.14 per dredge in May.

### **Operation Report**

The rain gauge at the LCVCD office in Lakeport received 1.85 inches of rain during May. The rainfall is above the 10-year May average, and makes this the seconded wettest May in the last decade.

The level of Clear Lake on May 1 was at 7.77 feet on the Rumsey Gauge. The lake level is 3.22 feet higher than it was the end of May 2009.

In the early spring Clear Lake reached 8.07 feet on the Rumsey Scale. This caused many of the marshlands adjacent to the lake to be flooded and hatched large numbers of *Aedes increpitus* larvae. The District vector control technicians have been larviciding large areas in order to reduce the number of emerging *Aedes increpitus* adult mosquitoes.

In mid-May the District was notified by Mark Dellinger of Lake County Special Districts of when Special Districts placed the boards in Spring Valley Lake's spillway, raising the water level. This notification and the removal of vegetation allowed District staff to inspect larval sources and apply larvicide effectively to the areas harboring *Aedes vexans* larvae.

Five LCVCD employees took Vector Control Certification examinations on May 20 in Elk Grove, CA. Laboratory Intern Natalie Munoz and Laboratory Assistant Michelle Koschik took sections A and B. Vector Control Technicians Porter Anderson and Sandi Courcier, and Vector Biologist Bonnie Ryan took section D.

The District had a booth at the Kelseyville K-5 Science Fair on Thursday, May 20. The booth was staffed by Vector Biologist Bonnie Ryan and Vector Control Technician Sandi Courcier.

The District will have a booth at Middletown Days on June 19 from 10:00 A.m. to 4:00 P.M. at the Middletown Central Park.

Dr. Scott attended the MVCAC Spring Quarterly meeting in Orange County, CA on May 6 and 7. On May 20, Dr. Scott attended the MVCAC Sacramento Valley Regional meeting.

After some discussion Mr. Murphy moved to approve the Mission/Vision Statement with the addition of the word "practical" inserted into the opening paragraph, so that it now reads "The mission of the Lake County Vector Control District is to provide the citizens of Lake County with the highest **practical** level of protection from vectors and vector-borne diseases." Mr. Grant seconded the motion. Motion carried unanimously.

There were no budget transfers required.

Mr. Gatton moved to approve Check Nos. 10733 – 10800 for the month of June 2010 in the amount of \$80,083.49. Mr. Murphy 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 July 14, 2010 in the LCVCD Board Room, 410 Esplanade, Lakeport, CA 95453.

Mr. Gatton moved to adjourn the meeting. Mr. Nagy seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 2:36 P.M.

Respectfully submitted,

Melford R. Gatton  
Secretary