

## **MINUTES OF PREVIOUS MEETING**

**January 13, 2010**

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

Absent: None

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

Guests: None.

Mr. Gatton moved to approve the Board Minutes of December 9, 2009. Mr. Murphy seconded the motion. Motion carried.

Citizen's Input: None.

Agenda Addition and/or Deletions: None.

### **Research Report**

Dr. Scott reported on arbovirus activity. In Lake County no new West Nile virus (WNV) was detected during December. Two dead birds, two mosquito samples, and one sentinel chicken tested positive in Lake County during 2009.

In the rest of California WNV had been detected in 42 counties. One hundred five symptomatic human WNV infections have been reported from 19 counties. Eighteen equine cases of WNV have been reported from 12 counties, five hundred eight dead birds from 36 counties, one thousand sixty-eight mosquito samples from 27 counties, and four hundred forty-two chickens from 23 counties have been reported during 2009.

Nationally, West Nile virus activity was detected in 47 states during 2009. Six hundred sixty-three cases of human infection have been reported in 34 states. In addition, 10 human infections of St. Louis encephalitis virus were

reported from 5 states, and 14 mosquito samples have tested positive for SLE as well.

One human case of Powassan virus was reported in 2009, one mosquito sample was positive for Western equine encephalomyelitis virus, and three symptomatic human cases of locally-acquired Dengue fever were reported from Key West, Florida.

Dr. Scott reported on adult biting fly activity. Ninety-five female *Culiseta inornata* were collected from the New Jersey Light Trap set in the Reclamation area during December. In addition, one male *Culex tarsalis* and six female *Cs. Inornata* and three *Culicoides occidentalis* were collected from the New Jersey Light Trap near Big Borax Lake.

Dr. Scott reported on treehole mosquito surveillance. In 2009, many of the monitored treeholes have had two hatches, and all four larval instars are present. The amount of rainfall during the next few months will determine the size of the treehole population for the season.

Dr. Scott reported on tick surveillance. During December five sites were flagged for ticks. The sites were: Clear Lake State Park, Glen Eden Trail, Clearlake Riviera, Lower Lake, and Reclamation Road. The mosqut abundant tick species were *Ixodes pacificus* and *Dermacentor occidentalis*.

Dr. Scott reported on Chaoboridae gnats. Clear Lake gnat larvae numbers increased from 1.32 larvae per dredge in November to 1.79 per dredge in December. Chironominae numbers increased from 55.14 larvae per dredge in November to 73.07 per dredge in December. Tanypodinae numbers decreased from 6.11 larvae per dredge in November to 1.25 per dredge in December.

### **Operation Report**

The rain gauge at the LCVCD office in Lakeport received 2.80 inches of precipitation during December. The level of Clear Lake increased from 0.56 feet (Rumsey Gauge) on December 1, to 0.71 feet on December 31, 2009.

During December, Vector Control Technician Terry Sanderson completed building and installing the spray unit for the Argo. This spray unit will allow the District to make liquid applications from the Argo.

Dr. Scott gave an update on the Spring Valley *Aedes vexans* control program. In June 2009 District employees (Mr. Sanderson, Mr. Woodward, and Dr. Scott) met with Mr. Mark Dellinger of Lake County Special Districts and Spring Valley Lake Recovery Committee members Mark Currier, Alice Riedle, and Toni Field to discuss possible solutions to their mosquito problems. Since that meeting, the District has worked with Special Districts and the Spring Valley residents' associations. Special Districts and the SVLRC obtained the necessary permits for the removal of vegetation from the shallow, silted-in areas where the mosquitoes have been developing. The vegetation removal was completed in early December, and the District anticipates that this will greatly reduce the area available for the *Aedes vexans* to develop. In addition, the vegetation removal will facilitate the District's access for inspection and treatment in the spring.

Due to funds provided by the benefit assessment, a new Vector Control Technician position was added and filled by Ms. Sandi Courcier, who was promoted from a Seasonal Vector Control Technician to a regular full-time employee.

The Proceedings and Papers of the Seventh-seventh Annual Conference of the Mosquito and Vector Control Association of California (MVCAC) were mailed to member agencies in December. Three papers presented by the District at the 2009 conference appear in this volume. Reprints of those articles are available from the District upon request.

The MVCAC will hold its 78<sup>th</sup> Annual Conference in Sacramento from February 7-10. The LCVCD is working on two papers that will be presented at the meetings.

Dr. Scott attended the MVCAC's Annual Planning Session held at the Sacramento-Yolo Mosquito and Vector Control District in Elk Grove. In addition, Dr. Scott attended the Entomological Society of America (ESA) Annual Conference. The conference took place on December 13-16 in Indianapolis. Dr. Scott presented a paper at the ESA conference regarding work done at the District on age grading methods in mosquitoes.

Mr. Gatton moved to approve Check Nos. 9576-9621 for the month of January 2009 in the amount of \$76,481.88. Mr. Leonard seconded the motion. Motion carried.

After some discussion the Board decided to change the date of the February Board Meeting in order to allow the District Manager to attend the MVCAC Board Meeting. The new meeting date is set for February 17,

2010. In addition the Board decided to reschedule the March 2010 meeting so that the District Manager will be able to attend the New Jersey Mosquito Control Association Conference where she has been invited to present the results of the District's VectoMax product trial in the wild rice. The new meeting date for March is Tuesday the 17<sup>th</sup>.

Mr. Gatton moved to approve Check Nos. 10364 – 10440 for the month of January 2010 in the amount of \$105,518.89. Mr. Murphy seconded the motion. Motion carried.

### **Other Business**

Dr. Scott mentioned that the District had received a check for its Altosid rebate in the amount of \$183.15 and an insurance rebate from the VCJPA for \$902.00. In addition, Dr. Scott mentioned that the District should be receiving the installment of Prop 1A Loan Securitization funds.

Mr. Nagy mentioned that the amount per gallon the District is paying for propane through Suburban Propane is very high and that the District might want to research a new propane provider.

### **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 February 17, 2010 in the LCVCD Board Room, 410 Esplanade, Lakeport, CA 95453.

Mr. Gatton move to adjourn the meeting. Mr. Nagy seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 2:25 P.M.

Respectfully submitted,

Melford Gatton  
Secretary