

MINUTES OF PREVIOUS MEETING

October 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 Gatton, Curt Giambruno, Lowell Grant, and Philip Murphy.

Absent: Ronald Nagy.

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

Guests: Ms. Betsy Cawn from Upper Lake.

Mr. Gatton moved to approve the Board Minutes of September 8, 2010. Mr. Grant seconded the motion. Motion carried unanimously.

Citizen's Input: None.

Agenda Additions and/or Deletions: None.

Research Report

Dr. Scott reported on arbovirus activity. Two mosquito samples from Lake County have tested positive for West Nile virus (WNV). The first positive sample was collected near Upper Lake on August 10, and the second was collected near Highway 175 on August 24. In addition, a dead Western Tanager collected near Kelseyville on September 2 tested positive for WNV, however based on the low level of virus, it likely acquired the infection in a previous year and did not indicate recent virus local virus activity and consequently is not included on the state's website.

For the rest of California, sixty-one human cases of WNV have been reported from eleven counties. Eighteen horses from eleven counties have tested positive for WNV, three-hundred seventy-four WNV-positive dead

birds have been reported from twenty-five counties, and one-thousand two-hundred forty-four mosquito samples from 24 counties have also tested positive for WNV.

Two-hundred forty-one sentinel chickens from twenty counties in California have tested positive for WNV, and twenty dead tree squirrels from eight counties have tested positive for WNV as well.

Throughout the rest of the United States five-hundred fifty-eight human WNV infections have been reported from 36 states. Six-hundred thirty-nine WNV-positive dead birds have been reported, nine-thousand two-hundred sixty-three mosquito samples have tested positive for WNV, and four-hundred eighty-one sentinel chickens have seroconverted for West Nile virus.

There have been thirty-four new cases of locally acquired dengue virus/fever this year in Florida. The dengue outbreak is continuing in Puerto Rico, with 7,547 cases reported so far this year.

As of September 30, ten human cases of Eastern Equine Encephalitis virus have been confirmed in five states.

Forty human cases of LaCrosse Encephalitis virus have been reported in six states.

One mosquito sample in Nevada tested positive for Western Equine Encephalomyelitis virus, and five cases of Powassan virus have been confirmed in two states (Powassan is a tick-borne flavivirus).

Dr. Scott reported on adult biting fly activity. The two large resting boxes (LRBs) at the Woodward site were sampled on twenty dates in September and eight mosquito species were collected. The Kelseyville LRB was sampled on 15 dates in September with four mosquito species collected.

The two LRBs in the Tule Lake wild rice fields were sampled on seventeen dates in September and six mosquito species were collected.

During September New Jersey Light Traps (NJLTs) were set near Big Borax Lake and in the Reclamation. Multiple mosquito species were collected from both sites.

Carbon Dioxide-Baited Traps were set at Anderson Marsh, Bachelor Valley, Big Borax Lake, Cobb, Hidden Valley Lake, Kelseyville, Lakeport, Long Valley, Lower Lake, Middletown, and the Reclamation during September. Multiple mosquito species were collected from all the sites as well as black biting gnats.

Dr. Scott reported on tick surveillance and testing. During September tick surveillance was conducted at five locations. In addition, the District has received seventeen ticks from Lake County residents this season. The residents removed the ticks from themselves and brought them to the District to request testing. Sixteen of the ticks were suitable for testing and were submitted to the Sonoma County Public Health Laboratory for *Borrelia* testing; all were negative.

Dr. Scott reported on Chaoboridae gnats. Clear Lake Gnat larvae numbers increased from 1.83 larvae per dredge in August to 6.82 per dredge in September. Chironominae numbers increased from 9.54 larvae per dredge in August to 10.93 per dredge in September. Tanypodinae numbers decreased from 2.46 larvae per dredge in August to 2.11 per dredge in September.

Operation Report

The lake level of Clear Lake was 2.97 feet on September 1, and had decreased to 2.27 by September 30.

The harvesting of the wild rice fields was completed in early September. The fields were drained rapidly following harvest, and only one application of Vectobac G was required after harvest.

The District issued a second media release with the Lake County Health Services following the detection of a West Nile virus-positive mosquito sample collected south of Kelseyville.

Dr. Scott has been working with members of the Integrated Vector Management and *Ad hoc* National Pollutant Discharge Elimination System Committees to develop the Pesticide Application Plan and Statement of Best Management Practices. This document will be reviewed by the State and regional water boards, and is a comprehensive plan that reviews the products used for mosquito control in California, defines best management

practices, and sets thresholds for action as part of the requirement for the NPDES permit.

Dr. Scott attended the Society for Vector Ecologists (SOVE) Annual Conference in Raleigh, North Carolina. The conference was held from September 26-30.

Update on Feasibility Study of Relocating the District to Todd Road

Dr. Scott presented information to the Board regarding relocating all the District's facilities to its Todd Road property. In collecting this information Dr. Scott contacted the Lake County Planning Division, the City of Lakeport, Lake County Special Districts Administration, Lake County Environmental Health, and the California Department of Fish and Game.

The Lake County Planning Division identified items of concern. Among these items are the lack of sewer service and water at Todd Road, flood zone and floodway overlap, traffic load on Todd Road, and the removal of the District's mosquitofish ponds, which may require Department of Fish and Game approval.

The Board asked about the feasibility of installing a septic system at the Todd Road property. Dr. Scott explained that the ponds would have to be filled, which would render that area unusable for a septic system. The northern half of the property would be unusable for septic as well because it sits within a flood area.

Mr. Grant asked about the well at Todd Road. Dr. Scott mentioned that the well is not suitable for drinking water, and Mr. Sanderson said that it was drilled as an agricultural well and does not meet the County's sanitation requirements as it does not have a sanitary seal. Mr. Grant mentioned that he thought it might not be too cost prohibitive to drill a new well that would be suitable for human consumption.

Ms. Betsy Cawn inquired as to what prompted the Board to consider moving District operations away from their current location and on to the Todd Road property.

Mr. Grant responded that the District is running out of space at its current location, and needs to consider all of its options in regards to expansion and improvement of its operations.

Ms. Cawn asked if it would be possible for the District to move its garage/workshop out to Todd Road in order to free up space.

Dr. Scott responded that moving the workshop and a portion of the vehicles out to Todd Road as well as demolishing and reconstructing the lab building to tie into the existing administration building has been the District's long-term goal for some time. In addition, Dr. Scott mentioned that the District has been planning to purchase property adjacent to the District's property on Esplanade to help provide more space.

Mr. Murphy mentioned that he went to the Lake County Environmental Health Department and was given information from Mr. Ray Ruminski regarding septic systems that differed from what the District Manager was given. In addition, Mr. Murphy mentioned that he spoke with Mr. Richard Knoll of the City of Lakeport regarding the District's potential move to Todd Road and again was given information that was different from what the District Manager presented to the Board.

President Giambruno directed the District Manager to put the relocation of the District's operation to the Todd Road property on a future agenda for further discussion.

Approve Checks for the Month of October 2010

Mr. Gatton moved to approve Check Nos. 11034-11107 for the month of October 2010 in the amount of \$80,971.23. Mr. Murphy seconded the motion. Motion carried unanimously.

Other Business

Dr. Scott mentioned that an actuarial representative from the California Public Employees Retirement System (CalPERS) will be attending the January 2011 Board of Trustees Meeting to discuss the District's pension plan and address any questions the Board may have. Dr. Scott advised the Board to email questions to her and she will pass them on to the CalPERS representative so that the representative can provide as comprehensive a presentation as possible.

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 November 10, 2010 in the LCVCD Board Room, 410 Esplanade, Lakeport, CA 95453

Mr. Grant moved to adjourn the meeting. Mr. Gatton seconded the motion. There being no other business the meeting was adjourned by President Giambruno at 4:00 P.M.

Respectfully submitted,

Melford Gatton
Secretary