

**MINUTES OF THE 439th MEETING
OF THE STATE MOSQUITO CONTROL COMMISSION
HELD IN THE CONFERENCE ROOM IN THE MONMOUTH COUNTY
MOSQUITO EXTERMINATION COMMISSION BUILDING**

November 16, 2010

MEMBERS PRESENT

John Sarnas, Howard Emerson, Dr. Kenneth Bruder, Mark Mayer, Shereen Semple, Tony Petrongolo, Robert Kent, Secretary and Claudia O'Malley, Technical Advisor. John Surmay could not attend because he was in Atlantic City for a speaking engagement. Dr. Van Orden could not attend due to a work conflict. Dr. Robson had a teaching conflict.

OTHERS PRESENT

Dr. Lisa Reed, Jenn Gruener, Kristian McMorland and Michelle McGuinness.

CALL TO ORDER

Chairman Sarnas called the meeting to order at 10:05 a.m.

ROLL CALL

Secretary Kent called the roll.

OPEN PUBLIC MEETING ANNOUNCEMENT

Secretary Kent reported that on November 5, 2010 the Secretary of State was sent an announcement for the November meeting to be held at the Monmouth County Mosquito Commission. A copy of the announcement was also sent to the Newark Star Ledger, the Asbury Park Press, the Associated Press, the Atlantic City Press, the Bridgeton Evening News, the NJDEP Press Office and the NJDEP Office of Communication and Legislation in compliance with P.L. 1975, c. 231.

APPROVAL OF THE MINUTES OF THE OCTOBER 19, 2010 MEETING

Dr. Bruder moved and Mr. Emerson seconded a motion to approve the minutes from the October meeting. The members approved the motion. Mr. Mayer abstained.

CORRESPONDENCE

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| 10/08/10 | Correspondence from Senator Robert Menendez. Ref.: Decision to restore funding to the Centers for Disease Control (C.D.C.) vector borne disease programs. |
| 10/19/10 | Correspondence from Robert Kent to Nicole Nicholas, Rutgers Grants and Contracts Specialist. Ref.: Contract for Vector Surveillance Program. |
| 10/19/10 | Correspondence from Robert Kent to Nicole Nicholas, Rutgers Grants and Contracts Specialist. Ref.: Contract for Adult Mosquito Surveillance Program. |

- 10/19/10 Correspondence from Claudia O'Malley to Bill Reinert, Superintendent of Atlantic County Office of Mosquito Control. Ref.: Registration for pick-up truck in Atlantic County that runs the southern route courier service for the Commission
- 10/19/10 Correspondence from Robert Kent to Sarah Gazi, AMCA. Ref.: Sustaining membership payment.
- 10/20/10 Letter from Michelle McGuinness to Catherine Jeanjean, Canadian Agricultural Library. Ref.: Response to request for copy of annual report.
- 10/27/10 Correspondence from Stephen O'Connor, Cape May County Administrator, to Amy Cradic, Assistant Commissioner. Ref.: Copy of memorandum of agreement between the Commission and Cape May County Department of Mosquito Control for services the county provides for mosquito surveillance.
- 10/28/10 Correspondence to all mosquito control agencies from Claudia O'Malley. Ref.: Equipment agreements for fiscal year 2011.
- 11/01/10 Correspondence to Nicole Nicholas, Rutgers Grants and Contracts Specialist, from Robert Kent. Ref.: Original and two copies of service contract for Monitoring the Efficacy of Insecticides.
- 11/04/10 Memo to the Equipment Committee from Claudia O'Malley, Technical Advisor. Ref.: Items for consideration at the November meeting.
- 11/05/10 Correspondence to Guy Bramonte from Robert Kent. Ref.: Memorandum-of-Agreement and contract order to encumber funds for this year's courier services.
- 11/05/10 Correspondence to the Secretary of State from Robert Kent. Ref.: Meeting announcement for the November meeting of the Commission.
- 11/05/10 Memo to Commission members from Robert Kent. Ref.: Meeting announcement for the November meeting of the Commission.

FINANCIAL STATEMENT

The financial statement was distributed and reviewed. The Secretary noted the changes to the financial statement. Under Programs and Services, an additional payment was made for the toll free number and refreshments were paid for for the September and October meetings. Under the Airspray Program, there was a purchase executed for insecticides. Under the expended column, the Bureau of Freshwater Fisheries in the Division of Fish and Wildlife was paid its annual sum for providing fish for the Biocontrol Program. It was noted that last month's error was only a typo. Mrs. Semple moved and Dr. Bruder seconded a motion to accept the report. The motion was approved unanimously.

REPORT FROM THE SECRETARY

The Secretary reviewed several documents that he distributed. Included were two articles. One article focused on a study that tried to answer the question: Why do mosquitoes bite some people and not others? The other article detailed a multi-year study on mosquito control practices in wetlands, particularly with regard to Open Marsh Water Management. The Secretary also discussed a packet of information from Ramapo College about its new Master of Arts and Sustainability Studies program. Mr. Kent also noted that he and Chairman Sarnas met with the Sussex County Administrator concerning the appointment of a new superintendent in that county. He also met with the Health Officer and Entomologist in Burlington County concerning the retirement of the general supervisor and transfer of operations from their Department of Public Works to the Health Department.

REPORT FROM THE TECHNICAL ADVISOR

Ms. O'Malley distributed her report. She reported that a surveillance flight was conducted in Essex County; the airspray season is now over. For the year, 25,598 acres were treated with larvicide. There were no adulticide applications this year. For the bio-control program, 11,750 fathead minnows were provided to Warren County. Throughout the year, 138,734 fish were distributed. On Oct. 26, a meeting was held regarding copepods and their future use. She said that next season the focus will be on using copepod as agents for operational mosquito control. Mr. Kent thanked Mr. McMorland for keeping the northern courier for transporting specimens running this year.

COMMITTEE REPORTS

Legislative- No report.

Equipment – Dr. Bruder brought up two items for consideration. The Atlantic County Office of Mosquito Control requested \$34,000 for repairs to the Commission's 1995 rotary excavator involving pontoon repairs and track chain. Previously, \$2,539 was approved in September for emergency repairs to the machine. The repairs consisted of adding support grommets. The most recent request involves more permanent repairs. The track chain, for example, was last replaced in 2003. The second request was from Cumberland County. The county got a second opinion on emergency repairs to the 2004 Revco freezer. The freezer was repaired at a cost of \$1,378.67. Additionally, the service call cost \$352. The committee recommended that \$750 be reimbursed to the county. The membership unanimously approved the committee recommendations.

Research and Development – No report.

Budget – No report.

Public Relations – No report.

DEPARTMENT OF HEALTH & SENIOR SERVICES

Ms. Semple said there has not been a lot of new West Nile Virus activity since the last meeting. She said she is going to start finalizing her report to the CDC for the year. Mrs. Semple reported 30 human cases for this year, a relatively high number. There was one case in Atlantic County, two in Burlington County, seven in Camden County, one in Cumberland County, four in Essex County, one in Gloucester County, two in Hudson County, three in Mercer County, two in Monmouth County, two in Ocean County, three in Passaic County, one in Salem County, and one in Union County. Median age was 67 years, with a range of 25 to 90 years. Sixty percent of

cases were male. Fifty percent of cases were West Nile neuro-invasive disease and fifty percent were West Nile fever. There were two fatalities. The median onset was the beginning of September, with a range from the beginning of August to the beginning of October. There were two equine West Nile Virus cases. One horse was in Atlantic County and had an onset of Aug. 17 and one horse was in Gloucester County and had an onset of Sept. 18. There was also one equine EEE case from Monmouth County with an onset of Oct. 5. For avian surveillance, of 249 birds that were tested, 129 were positive. Mrs. Semple noted that there were only 31 positive birds last year of the 117 tested.

DEPARTMENT OF AGRICULTURE

Mr. Mayer discussed the availability of copepods. He said adequate production of the copepods for 2011 should not be a problem. There was a discussion regarding the various targets and modes of delivery when using copepods as larval control agents. Ms. O'Malley reported that copepods have shown high efficacy.

NEW JERSEY AGRICULTURAL EXPERIMENT STATION

Dr. Reed reported low numbers of mosquitoes for the year, but lots of viral activity. Dr. Reed said that has suggested some unusual activity in birds. She was not sure if these factors indicated a change in the virus. She said the viral spike could have been caused due to the warmer weather experienced this year and drought conditions. Dr. Reed will give a presentation on this topic at N.M.C.A. (Northeastern Mosquito Control Association) and NJMCA. There will be a biologists' meeting on Nov. 19. Ms. Semple said that 2,000 more pools have been submitted this year, possibly leading to a skewing of the data. Dr. Reed said the number of mosquitoes sampled is still the same, even though there were more pools submitted. Mr. Kent said that Dr. Brattsten could not attend the meeting because she is overseas. He said she will not formulate a formal comment for the EPA on the issue of resmethrin's registration being discontinued.

ASSOCIATED EXECUTIVES OF MOSQUITO CONTROL WORK IN NEW JERSEY

Ms. Gruener said the executives met on Nov. 3 and discussed the voluntary cancelation of resmethrin. She said the committee submitted its comments on Nov. 15 to the EPA. Dominic Ninnivaggi, Superintendent of Suffolk County, also attended the meeting and contributed his comments. The next meeting will take place on Dec. 1.

OLD BUSINESS

Mr. Emerson asked if copepods can tolerate other biological mosquito control agents, such as B.t.i. Ms. O'Malley said temephos has shown no impact on copepods.

NEW BUSINESS

Mr. Emerson offered a motion seconded by Dr. Bruder to create a resolution for retiring Ocean County Mosquito Control Superintendent Thomas Candeletti. The motion passed unanimously. Chairman Sarnas discussed next year's meeting schedule and said he plans to keep the meetings on the third Tuesday of every month.

COMMENTS FROM THE GENERAL PUBLIC

There were no comments from the public.

ADJOURNMENT

The meeting was adjourned at 11:08 a.m.