

THE COMMONWEALTH OF MASSACHUSETTS

EXECUTIVE OFFICE OF ENERGY AND ENVIRONMENTAL AFFAIRS



Department of Agricultural Resources

State Reclamation and Mosquito Control Board

251 Causeway Street, Suite 500, Boston, MA 02114

617-626-1700 fax: 617-626-1850 www.mass.gov/agr



DEVAL L. PATRICK
Governor

TIMOTHY P. MURRAY
Lieutenant Governor

IAN A. BOWLES
Secretary

SCOTT J. SOARES
Commissioner

MEMBERS

Lee Corte-Real, **Chairman**
Department of Agricultural
Resources (DAR)

Anne Carroll
Department of Conservation
And Recreation (DCR)

Gary Gonyea
Department of Environmental
Protection (DEP)

DATE: **Tuesday, June 1, 2010**

TIME: 10:00 A.M. to Noon

Note: This meeting may run longer due to number of agenda items!

LOCATION: MA DCR West Boylston Field Office, 180 Beaman Street,
West Boylston, MA

Meeting Agenda

ADMINISTRATION

Mark S. Buffone
Executive Director

Alisha Bouchard
Project Administrator

A. *Start:* Call to Order by Chairman Corte-Real, and Attendance.

B. *Minutes/Summary:* The Board will consider for approval the meeting minutes of the March 24, 2010 meeting. **(Voting Required)**

MOSQUITO CONTROL PROJECTS & DISTRICTS

Berkshire County Mosquito
Control Project

Bristol County Mosquito
Control Project

Central Massachusetts
Mosquito Control Project

Cape Cod Mosquito
Control Project

East Middlesex Mosquito
Control Project

Norfolk County Mosquito
Control Project

Northeast Massachusetts
Mosquito & Wetland
Management District

Plymouth County Mosquito
Control Project

Suffolk County Mosquito
Control Project

C. *FY 11 Mosquito Control and Board Budgets:* The Board will consider approval and certification of FY 11 budgets (including balance forward/rollover funds). **(Voting Required)**

D. *Other Business:* The Board will consider and/or discuss:

- a. Berkshire County Mosquito Control –Membership Changes
- b. East Middlesex Mosquito Control-Membership Changes
- c. OMWM Standards-Status and Next Steps
- d. GEIR-Status
- e. Devens Enterprise Zone-Membership
- f. NPDES-Status
- g. 2010 Weekly Mosquito Reports-Formal Request
- h. New Products/Active Ingredients for mosquito control professionals
- i. Morbidity and Mortality Weekly (April 2, 2010) Report Conclusion concerning West Nile Virus
- j. Next Meeting Date-October 27, 2010 @ Waltham

E. *Public comment/input period:* The Board will provide an opportunity for the general public to speak and listen to their concerns.

F. *Adjournment:* The Board will officially adjourn the meeting.

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Subject: Meeting Minutes

Date: Tuesday, June 1, 2010

Place: MA DCR West Boylston Field Office, 180 Beaman Street,
West Boylston, MA

ADMINISTRATION

Mark S. Buffone
Executive Director

Alisha Bouchard
Project Administrator

Present:

Board and Administration:

Lee Corte-Real, Department of Agricultural Resources, Chairman
Anne Carroll, Department of Conservation and Recreation, Member
Gary Gonyea, Department of Environmental Protection, Member
Mark Buffone, Executive Director

MOSQUITO CONTROL PROJECTS & DISTRICTS

Berkshire County Mosquito
Control Project

Bristol County Mosquito
Control Project

Central Massachusetts
Mosquito Control Project

Cape Cod Mosquito
Control Project

East Middlesex Mosquito
Control Project

Norfolk County Mosquito
Control Project

Northeast Massachusetts
Mosquito & Wetland
Management District

Plymouth County Mosquito
Control Project

Suffolk County Mosquito
Control Project

Mosquito Control Project Commissioners:

Bob Davis, Bristol County Mosquito Control Project Commission
Dr. Sam Telford, Central MA Mosquito Control Project
Wally Terrill, Berkshire County Mosquito Control Project
Arthur Tobin, Bristol County Mosquito Control Project Commission

Mosquito Control Project Directors/ Superintendents /Assistants:

Wayne Andrews, Bristol County Mosquito Control Project
Jack Card, Northeast MA Mosquito Control & Wetlands Mgmt District
Tim Deschamps, Central MA Mosquito Control Project
John Doane, Cape Cod Mosquito Control Project
David Henley, East Middlesex Mosquito Control Project
Jake Jurgenson, Berkshire County Mosquito Control Project
Bruce A. Landers, Suffolk County Mosquito Control Project
Gabrielle Sakolsky, Cape Cod Mosquito Control Project
John Smith, Norfolk County Mosquito Control Project
Anthony "Tony" Texeira, Plymouth County Mosquito Control Project

Others: None

- A: Start: Call Meeting to Order and Attendance.** Chairman Lee Corte-Real called the meeting to order at a little after 10:03 AM and took attendance. Present were Anne Carroll representing Commissioner Sullivan, of the Department of Conservation and Recreation and Gary Gonyea representing Commissioner Burt of the Department of Environmental Protection. The Chairman recognized himself representing Commissioner Soares, of the Department of Agricultural Resources and stated there was a quorum.
- B. Minutes: Board will consider for approval the meeting minutes of the March 24, 2010 meeting.**
- B.1: Background:** The Chairman stated that the minutes were sent out for review and approval, asked if there were any comments, and hearing none, entertained a motion to approve the minutes of March 24, 2010.
- B.2: Questions and Discussions:** None
- B.3: Action Taken:** A. Carroll moved to approve and accept the minutes of March 24, 2010. The motion was seconded G. Gonyea and was minutes were voted unanimously 3-0.
- C: *FY 11 Mosquito Control and Board Budgets:*** The Board will consider approval and certification of FY 11 budgets (including balance forward/rollover funds). (Voting Required).
- C.1: Background:** The Chairman stated that this item would take the majority of the Board's time and requested that the Board take them in alphabetical order and vote on each separately starting with Berkshire County. Chairman Corte-Real asked Alisha Bouchard, the projects administrator to present and highlight the budget numbers to the Board.
- C.2: Questions and Discussion:** The Board conducted a lengthy review of each budget along with a vibrant discussion with mosquito control project Commissioners and Superintendents.
- C.3: Action Taken:** The following motions and votes were taken separately by the Board pertaining to each mosquito control program.

Berkshire County Mosquito Control Project

Requested FY 11 budget of \$230,468 which includes changes in membership e.g. (the voting out of the towns of Becket and Richmond but voting in of the City of Pittsfield).

Vote: A. Carroll made a motion to accept and certify the Berkshire County Mosquito Control Project FY 11 budget of \$230,468 noting that the final number could be adjusted either up or down in the amount of \$2,000 dollars depending on the DOR assessment figure for the City of Pittsfield. In addition, the motion acknowledged that although the budget was essentially level funded that the budget request reveals a significant increased from the FY 10 budget that is due to the fact that membership changes occurred including the City of Pittsfield vote to become a member. The motion was seconded G. Gonyea and was voted unanimously 3-0.

Bristol County Mosquito Control Project

The Projects Administrator reminded the Board that the last year the Bristol budget was reduced in order to help spend down the excessive balance forward making this review more complex.

Requested FY 11 budget of \$1,476,328 dollars. Their total FY 10 funds last year with a balance forward and Board approved budget was \$1,439,966. This number was based on a balance forward or rollover of \$645,357. The cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,474,673 dollars.

After much discussion, G. Gonyea asked the Chairman to temporarily table this particular budget until later in the meeting. Also, A. Carroll suggested to the Chairman that the Board review and vote on requested budgets that were submitted as "level funded" first and then go back to those that requested increases which were Bristol and Cape Cod Mosquito Control Project. The Chairman agreed and moved on to the Central MA budget.

Central MA Mosquito Control Project

The Projects Administrator stated that Central MA requested level funding. Tim DesChamps, Director of the program informed the Board that he sent information to the Executive Director regarding spending down balance forward.

Requested FY 11 budget of \$1,677,130 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,671,893 dollars.

Vote: G. Gonyea made a motion to accept and certify the Central MA Mosquito Control Project FY 11 budget of \$1,671,893 dollars. The motion was seconded A. Carroll and was voted unanimously 3-0.

East Middlesex Mosquito Control Project

The Projects Administrator informed the Board that the City of Everett voted to become a member and is the reason for the apparent increase in budget. However, this particular program is not assessed as the others via the cherry sheet since it is a voluntary trust account and checks sent to the Board from towns are deposited *into this* account

Requested FY 11 budget of \$589,038 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$586,692 dollars.

Vote: G. Gonyea made a motion to accept and certify the East Middlesex Mosquito Control Project FY 11 budget of \$586,692 dollars noting that the final number could be adjusted up or down depending on those amounts forthcoming from several towns such as Everett, Framingham, and others due to town meetings taking place. The motion was seconded A. Carroll and was voted unanimously 3-0.

Norfolk County Mosquito Control Project

The Projects Administrator stated that Norfolk County Mosquito Control Project requested level funding and projected a 3.57% balance forward. J. Smith, the Director informed the Board that he budgets for a second aerial larvicide each year which is a critical part of their program

Requested FY 11 budget of \$1,440,900 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,437,177 dollars.

Vote: A. Carroll made a motion to accept and certify the Norfolk Mosquito Control Project FY 11 budget of \$1,437,177. The motion was seconded by G. Gonyea and voted unanimously 3-0.

Northeastern MA Mosquito & Wetland Management District

The Projects Administrator stated Northeastern MA Mosquito & Wetland Management District requested a level funded budget for FY 11 and projected a 5.9% balance forward.

Requested FY 11 budget of \$1,523,982 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,518,953 dollars.

Vote: G. Gonyea made a motion to accept and certify the Northeastern MA Mosquito & Wetland Management District FY 11 budget of \$1,518,953 dollars. The motion was seconded by A. Carroll and voted unanimously 3-0.

Plymouth County Mosquito Control Project

The Projects Administrator stated that the Plymouth County Mosquito Control Project requested level funding for FY 11 and projected balance forward is uncertain due to retroactive rental payments. However, the balance forward is less than 10%.

Requested FY 11 budget of \$1,320, 879 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,319,167 dollars.

Vote: A. Carroll made a motion to accept and certify the Plymouth County Mosquito Control Project FY 11 budget of \$1,319,167 dollars. The motion was seconded by G. Gonyea and voted unanimously 3-0.

Suffolk County Mosquito Control Project

The Projects Administrator that the Suffolk County Mosquito Control Project requested level funding for FY 11 and the projected balance forward would be expended to help augment the City of Boston Public Health West Nile virus (WNV) larviciding program. Superintendent Landers explained to the Board the current dilemma regarding the WNV program and the purchase of product to treat the approximately 42,000 catch basins.

Requested FY 11 budget of \$231,965 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$230,283 dollars.

Vote: G. Gonyea made a motion to accept and certify the Suffolk County Mosquito Control Project FY 11 budget of \$230,283 dollars using the balance forward to support the City of Boston WNV program as explained by Superintendent Landers. The motion was seconded by A. Carroll and voted unanimously 3-0.

State Reclamation and Mosquito Control Board Administration

The Projects Administrator stated that the State Reclamation and Mosquito Control Board Administration requested level funding for FY 11 but projected a 24% reduction for FY 11 due to not backfill a previous FTE position.

Requested FY 11 budget of \$183,534 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$139,187 dollars.

Vote: G. Gonyea made a motion to accept and certify the State Reclamation and Mosquito Control Board Administration FY 11 budget of \$139,187 dollars. The motion was seconded by A. Carroll and voted unanimously 3-0.

The Board also requested that if mosquito control programs shift funding that exceeds 10 % from one cost category to another to work cooperatively with the Board to better track these shifts and the Board requested that they be notified.

Cape Cod Mosquito Control Project

The Projects Administrator requested a 4.8 % increase for FY 11. Requested FY 11 budget of \$1,688,641 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,683,620 dollars. Cape Cod representatives stated that the number highlighted were not the correct numbers. These numbers were derived from working with the Cape Cod Mosquito Control Project Administrator and from earlier data provided to the Board. Gabrielle Sakolsky, Cape Cod Mosquito Control Project stated that the Town Managers Association voted to increase by the 2-1/2% that they did not have a letter from them yet. The Selectman Councilors Association approved a 2% increase.

The correct increase was 2.5% and the actual Requested FY 11 budget is \$1,646,766 dollars minus the cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,641,745 dollars

Vote: A. Carroll made a motion that the Board support level funding of the Cape Cod Mosquito Control Project FY 11 budget in the amount of \$1,606,050 dollars. The motion was seconded by G. Gonyea and voted unanimously 3-0.

At this point in the meeting, A. Carroll left the meeting shortly after noontime.

Bristol County Mosquito Control Project

Shortly after noontime, the Board returned to the Bristol County Mosquito Control Project. A discussion ensued regarding what constituted level funding due to the differences in the FY 11 budget requested and the balance forward amounts.

Requested FY 11 budget of \$1,476,328 dollars. Their total FY 10 funds last year with a balance forward and Board approved budget was \$1,439,966. This number was based on a balance forward or rollover of \$645,357. The cost savings of mandatory furlough reduced the FY 11 requested budget to \$1,474,673 dollars.

The Executive Director stated that the Bristol County Mosquito Control Project proposed in FY 10 a budget of \$1,116,869 dollars and that the Board at that time voted to not approve that amount and deducted \$321,433 dollars to equate to a budget amount of \$794,609. The reduction was a one-time occurrence provided that the excess funds rolling over were expended prior to June 30, 2010. M. Buffone emphasized that the even with the reduction, the total account still had adequate funds in the amount of \$1,439,966 million dollars to expend. He stated that the 1,116,869 was a fairer figure to use.

M. Buffone commented that true level funding would equate to what the Board approved for FY 10 which was \$794,609 but that the balance forward amount is still significantly high in the amount of \$388,770.

The Executive Director asked how much would the budget number be if the balance forward that currently is in the account was added to the FY 10 approved budget number. The number would equal \$1,183,379 dollars according to the Projects Administrator.

M. Buffone stated that this would be a number that the Board could work with since it is close to the originally proposed FY 10 budget number and at the same time will reduce the excessive rollover amount. The Board took a 5 minute recess in order for the Executive Director to deal with a technical difficulty with the tape recorder. The meeting was called back to order at 12:24 PM.

The Chairman detailed all the budget numbers as stated above along with citing what was projected FY 10 expenditure to date was \$1,051,196 dollars stating that there would still be effective level funding budget with an excess of a 10% rollover.

Vote: G. Gonyea made a motion for a level funded FY 11 budget for Bristol County Mosquito Control Project consisting of prior year budget of \$794,609 dollars with a roll over amount \$388,770 dollars for a total budget of \$1,183,379 dollars still leaving a balance forward in the amount of \$143,977 dollars. The Project Administrator will finalize the number for the Board. The motion was seconded by L. Corte-Real and was voted unanimously 2-0

Bob Davis, Commissioner for Bristol County requested for the record his challenge to the budget numbers and there was a request for a copy of the tapes of the meeting.

D: *Other Business:* The Board will consider and/or discuss:

- a. Berkshire County Mosquito Control –Membership Changes
- b. East Middlesex Mosquito Control-Membership Changes
- c. OMWM Standards-Status and Next Steps
- d. GEIR-Status
- e. Devens Enterprise Zone-Membership
- f. NPDES-Status
- g. 2010 Weekly Mosquito Reports-Formal Request
- h. New Products/Active Ingredients for mosquito control professionals
- i. Morbidity and Mortality Weekly (April 2, 2010) Report Conclusion concerning West Nile Virus
- j. Next Meeting Date-October 27, 2010 @ Waltham

D.1: Background: Chairman Corte-Real stated that some of the items have been addressed noting items concerning membership changes for Berkshire County Mosquito Control Project and the East Middlesex Mosquito Control Projects. Also, he remarked that the next meeting was scheduled for next meeting was scheduled for October 27, 2010 in Waltham. The Chairman requested that the Executive Director open up the other items and/or provide some background.

OMWM

M. Buffone provided some background concerning other business for OMWM Standards-Status and Next Steps. He asked the Board to acknowledge the work of Emily Sullivan: Wetlands Project Coordinator of the Northeast MA Mosquito Control and Wetlands Management and others such as listed below for their efforts in completing the final OMWM standard revisions.

Nate Boonisar	Norfolk County Mosquito Control
David Lawson	Norfolk County Mosquito Control
Priscilla Matton	Bristol County Mosquito Control
Ellen Orell-Bidlack	Plymouth County Mosquito Control

The Executive Director stated that this process is has been longstanding and vetted with all the stakeholders especially CZM. He asked the Board how they wanted to proceed and what steps should be taken to complete the standards.

G. Gonyea recommended that the Northeast program would need to contact and start with the Army Corps of Engineers (ACOE) first to request if they need to resubmit another application or if the original application is still valid. Depending on that response, to then contact CZM and attach any correspondence with the ACOE to find out what other steps are necessary in order to get the process started again and a favorable federal consistency certification.

Jack Card stated that the newly revised standards once accepted will still have an economic impact on the district and may not be a priority since the cost of larviciding and ditching these areas would be faster and less expensive.

M. Buffone stated that it is important that this be accomplished because the MEPA certificate specifies that the new revised OMWM standards be published in the Environmental Monitor.

The Board hoped that some towns would continue to support OMWM.

Other programs could submit a cover letter explaining that they will adopt the new standards and include the new standards in future 404, federal consistency, and 410 applications.

GEIR

M. Buffone announced to the Board for the record that the Secretary of EEA has signed off on the Board's 2nd MEPA filing and that the certificate states that the Board has adequately and properly complied with the project and no further MEPA review is required at this time.

M. Buffone remarked that he sent to all the members and Dr Sam Telford hard copies and CD of the 21 comments received by MEPA to 2nd filing along with the attached Sec certificate. Many of the comments were supportive of mosquito control. Other groups and organizations such as Audubon, DPH-Bureau of Environmental Health, CZM, and MACC were pleased with the Board's efforts to date but outline desires for continued improvements. The Executive Director noted that there was an emphasis on GIS. Other items of importance outlined in the certificate was an annual mosquito control report that should include mapped mosquito breeding locations, locations receiving chemical and non-chemical mosquito control treatment and any post-treatment monitoring results produced by each mosquito program.

M. Buffone stated he would send out electronically copies of the certificate to all mosquito control programs and that eventually it would be posted on the Board's website.

NPDES-Status

Chairman Corte-Real stated that this topic had many undetermined answers to a myriad of questions and he felt that additional time could be permitted to be able to implement the new requirements. He mentioned that the Board might consider having a meeting prior to the already scheduled meeting for October to discuss this item and others. Gary Gonyea stated that once he receives an official copy of the draft permit, he would send out to all mosquito districts and that it will be available on the NPDES web site.

2010 Weekly Mosquito Reports-Formal Request

M. Buffone addressed the importance of submitting weekly reports and that each year for the past several years; the Board has requested formally that the districts provide weekly reports no later than Tuesday of each week. He noted that this is important because these reports coincide with the DPH reports that come out at the same time

The Executive Director remarked that these reports provide the Board, Mosquito Advisory Group (MAG), and State Labs with summary information that add other pieces to the arbovirus puzzle.

The report/narrative should include but not be limited to the following in clear but brief statements:

- Current mosquito activity/trend, is it increasing, declining, holding steady;
- Current predominant species that are developing or on the wing;
- Comparison to previous season, is it the same, better, or worse;
- Weather impacts e.g. precipitation/heat Is it accelerating or slowing things down;
- Number of requests for service, is up, down etc; and
- How is the MCP/Commission responding or what kind of intervention is taking place; and Is it working?

Finally, he requested that mosquito districts submit the reports electronically with copies to Anne, Gary, Lee and Cindy Stinson at DPH-SLI.

New Products/Active Ingredients for mosquito control professionals

M. Buffone address this agenda item bringing to the Board's attention that there have been requests, either by e-mail or telephone, or even recorded in district minutes regarding the use of new products such as Spinosad based products, products containing prallethrin and sumithrin, and etofenprox. He noted that these products are registered for use in Massachusetts, but the Board has been reluctant to "approved" for use across the programs under the direction of the SRMCB. Part of this is due in part that the original GEIR completed in 1998 did not list these materials. The Executive Director commented that since the update to the GEIR has been completed and accepted, that these products which are listed or briefly discussed in the update should be available for professional mosquito control practitioners. M. Buffone stated that the Board might discuss this further, ask any questions of the districts or consider adding these additional tools to the toolbox. Finally, the addition of these new products would be helpful and certainly goes along with the tenets of IPM, to rotate pesticides, and perhaps there could be cost savings as well.

M. Buffone did make a special notation that resmethrin or trade name products known as Scourge that were used by the districts in the past has been voluntarily cancelled by the manufacturer. For the record the Board did not support it use for mosquito control when it was added to the List of Chemicals Not Approved for Use on the Outdoor Property of School and Daycare Centers per the State Pesticide Control Act requirements.

The Board members noted that although they are registered by the MA pesticide board subcommittee that there use may not be appropriate to be used without further consideration by the Board. G. Gonyea suggested that the Executive Director prepared a memo to the Board to sign off on these new products. The Chairman needs more lead time to make a decision.

**Morbidity and Mortality Weekly (April 2, 2010) Report
Conclusion regarding West Nile Virus**

M. Buffone brought to the Board's attention and read out loud for the record the conclusion from the April 2, 2010 Morbidity and Mortality Weekly Report from CDC based on surveillance from 1999-2008 about the importance of mosquito control as a cornerstone of WNV disease prevention. He read that WNV has become endemic in the United States, with ongoing potential for seasonal epidemic transmission at the local, regional, or national level. **Although annual WNV disease incidence varies substantially, the annual recurrence of WNV activity suggests that transmission will continue.** Public health education programs should focus on older adults because they are at increased risk for neuroinvasive disease and death. In addition, more complete reporting of race and ethnicity data might reveal differences that also could be addressed by targeted public health education programs. In the absence of an effective human vaccine, the cornerstones of WNV disease prevention will continue to be 1) community-level mosquito control (larviciding, adulticiding, and breeding-site reduction), 2) peridomestic measures (repairing and installing door and window screens, using air conditioning, and reducing breeding sites), and 3) personal protection measures (use of repellents, use of protective clothing, and avoidance of outdoor exposure when mosquitoes are most active). WNV surveillance continues to be important for monitoring seasonal WNV activity and targeting prevention and control activities.

Devens Enterprise Zone-Membership

The Executive Director briefly addressed this matter. Tim DesChamps commented on the current status.

D.2: Questions and Discussions: None

D.3: Action Taken: None

E. Public comment/input period: The Board will provide an opportunity for the general public to speak and listen to their concerns.

E.1: Background: None

E.2: Questions and Discussions: None

E.3: Action Taken: None

F: Adjournment: The Board will officially adjourn the meeting.

F.1: Background: Chairman Corte-Real entertained a motion to adjourn.

F.2: Questions and Discussions: None

F.3: Action Taken: G. Gonyea made motion to adjourn the meeting at 1:18 PM seconded by L. Corte-Real and unanimously voted 2-0.

Respectfully submitted,

Mark S. Buffone
Executive Director