

**Rye Mosquito Control Commission
Tuesday, October 16, 2018
5:00p.m. - Rye Town Hall**

Commissioners Present: Chairman Tom Aspinwall, Vice-Chair Tim Sanborn and Denis Lipman

Others Present: Sarah MacGregor and Diana Eddins-Wiggin, Dragon Mosquito Control

I. Call to Order

Chairman Aspinwall called the meeting to order at 5:08 p.m.

II. Approval of minutes from September 18, 2018

Motion by Tom Aspinwall to approve the minutes for September 18, 2018 as presented. Seconded by Denis Lipman. All in favor.

III. Old Business

1. Health alert for WNV in southern NH

Ms. Eddins-Wiggins reported that Massachusetts has reported 42 human cases of West Nile Virus.

Sarah MacGregor reported that there have also been 600 positive batches of mosquitoes reported in Massachusetts as well.

2. Refreshed adulticide treatments done last month

Ms. MacGregor noted that West Nile triggered a second round of spraying on September 24th on all sites, which included Parsons Field, the Recreation Area, and both schools. On October 10th the walking trails and the town forest were sprayed for Triple E.

IV. New Business

Activity reports for the Month of September

The commission reviewed the activity report for the month of September, as well as the Public Health Service Report.

Chair Aspinwall noted that the cases of Triple E have increased from the previous past four years.

Ms. MacGregor expressed concern pointing out that Triple E runs in a 3-5 year cycle. She noted that the State has been at zero and this year it has had 6 cases of Triple E and 36 cases of West Nile Virus. This is showing an upward swing. She informed the commission that she is concerned that they are not getting good control with the BTI that is used. She stated that she has been doing some research and is looking into switching insecticides to Methoprene. She added that she is already using Methoprene in the catch basins but not the liquid form. She is currently using granular or pellets. She explained that she is waiting on a price for the insecticide. The plan will be to start using the Methoprene in April through the beginning of July.

Chair Aspinwall explained that Methoprene is a hormone mimic that controls the reproductive cycle.

Ms. MacGregor reported that the positive species keep showing up on the edge of the salt marsh area on Pollock in the phragmites. She explained that *Culex Salinarius*' preferred habitat is the brackish salt marsh. It can also breed in containers, catch basins, tires or any place in water with decaying vegetation. There are several generations per year. This species feeds on birds, mammals and amphibians. It readily bites humans. *Melanura* feeds almost exclusively on birds, rarely on humans. Both species can test positive for Triple E and West Nile.

II. Catch Basin activity/treatment

- None

III. Receipt of invoice for September services

Motion by Tim Sanborn to accept and approve invoice #30187, dated 10/01, from Dragon Mosquito Control for September services in the amount of \$13,600. Seconded by Tom Aspinwall. All in favor.

Motion by Tim Sanborn to accept and approve invoice #30222, dated 10/10, from Dragon Mosquito Control for additional services in the amount of \$360.00. Seconded by Tom Aspinwall. All in favor.

IV. Proposed budget for 2019

Motion by Tim Sanborn to accept the proposed 2019 budget and narrative as presented, pending notification from Dragon Mosquito on the costs of the Methoprene insecticide change. Chair Aspinwall will present the budget on October 25, 2018 to the Board of Selectmen. Seconded by Denis Lipman. All in favor.

V. Other new business

- None

VI. Next Meeting Date

Tuesday, November 20th, 5:00 p.m. – Town Hall Courtroom

VII. Adjournment

Motion by Tim Sanborn to adjourn at 5:58 p.m. Seconded by Tom Aspinwall. All in favor.

Respectfully Submitted,
Dyana F. Ledger