



# TOWN OF WAYLAND

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To: Board of Selectmen  
Board of Public Works  
Conservation Commission  
Surface Water Quality Committee

From: Julia Junghanns, Director of Public Health  
Board of Health

Date: May 4, 2013

Subject: Adult Mosquito Control

The Board of Health would like to communicate that we are planning to incorporate the use of adult mosquito control into our mosquito control program. Historically the Board has utilized mosquito control methods for mosquito larvae (mosquito eggs) but not for adult mosquitoes. Our plan for incorporating adult mosquito control is due to the increasing risk of mosquito-borne illness and also due to larviciding restrictions in areas of Great Meadows Wildlife Refuge. This will enable us to follow the State Department of Public Health's Arbovirus Surveillance and Response plan as recommended.

Attached is a copy of the 2012 Arbovirus Surveillance Summary from MDPH. In the 2012 mosquito season there were 33 human cases of West Nile Virus infection identified in Massachusetts, the most ever in a single season. 13 of these human cases were individuals residing in Middlesex County. There were 7 human cases of EEE infection identified in Massachusetts in 2012 and 1 of these cases was an individual that resides in Middlesex County. When this case was first reported it was originally thought that the individual was likely bitten by a mosquito infected with EEE while vacationing in Virginia. However, Virginia Officials have investigated this possibility and determined that it is **not** likely that the individual contracted EEE while in Virginia. This individual resides in Middlesex County in an area very close to the Wayland borders.

Since adult mosquito control is new to Wayland's mosquito control program, the Board of Health plans to hold a public hearing on May 20, 2013 at 7 p.m. to discuss adult mosquito control, address concerns, and identify individuals who want to be excluded from adult mosquito spraying. David Henley, Superintendent of East Middlesex/Suffolk County Mosquito Control Project will be joining us for the hearing to assist with answering questions. Please forward this memo to other boards and committees that may be interested in this information.