Norfolk County Mosquito Control District Weekly Report

Epi Week 36 (September 4 – September 10)

Report prepared by Kaitlyn O'Donnell, Nate Boonisar, and Dave Lawson

Pools submitted:

Species code	PER	PRE
Number of pools	1	17
Number of individuals	50	519

Mosquito Activity:

There was a 25% increase in mosquito numbers this week, mostly due to increasing *Cx. pipiens/restuans* numbers. *Cq. perturbans* numbers continue to decline, while *Cs. melanura* numbers increased to the highest so far this season. There were increases in numbers of *Och. japonicus* in gravid traps, *Cx. salinarius* in CDC traps, and *Ae. vexans* in CDC traps. Total mosquito numbers are slightly below the 9-year historical average for Epi week 36.

Weather Summary:

Temperatures were below normal to start, then well above normal to end the week.

The remnants of Hurricane Hermine produced some steady rainfall, with the highest amounts along and to the east of Interstate 95 where 0.50" to 0.75" fell. Amounts across western sections decreased to under a quarter inch in the far west.

Total weekly rainfall:	0.68 inches
Total Monthly rainfall:	0.80 inches
Total Yearly rainfall:	20.77 inches

Requests for service:

Check water requests	
To date	526
Epi week 36	0

ULV requests	
To date	5562
Epi week 36	1

Control Response/Intervention:

The NCMCD has wrapped up larvicide applications to catch basins. ULV aerosol applications ended on September 1st. At this point the field crew has transitioned to water management work – hand cleaning of ditches and culverts, as well as mechanical excavation projects as scheduled. Due to WNV isolations, some towns have increased messaging about avoiding mosquito bites, especially the elderly.

Outreach:

Entomologist Kaitlyn O'Donnell will give a presentation on mosquitoes and ticks to nurses at the MAPHN Southeast chapter meeting on Thursday September 15, 2016.