

Norfolk County Mosquito Control District Weekly Report

Epi Week 29 (July 12 – July 18)

Report prepared by Kaitlyn O'Donnell

Pools submitted:

<i>Species code</i>	CAN	FER	PER	PRE	QUA	SAL
<i>Number of pools</i>	1	2	24	21	1	4
<i>Total specimens</i>	50	100	1144	494	14	183

Mosquito Activity:

Total trap catch more than doubled this week driven by a large emergence of *Ps. ferox* and *Ae. vexans* in floodplain sites following previous rain events. The most abundant mosquito in traps this week was *Ps. ferox*, followed by *Cq. perturbans*. Together they accounted for 80% of total trap catch. There was also a notable increase in *Oc. sticticus* numbers at floodplain sites and *Ae. cinereus* numbers increased at many sites. *Cx. pipiens/restuans* numbers were down 50% from last week. *Cq. perturbans* increased about 20% from last week, but are well below the total during epiweek 29 in 2019 which was the seasonal peak for 2019. There is one site in particular that usually accounts for the majority of our *Cq. perturbans* catch that is not producing nearly as many mosquitoes as last year, hopefully due in part to treatment made to the wetlands last fall.