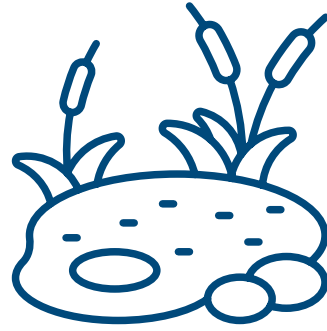


2023 Program Highlights

Vector Control

64,250

catch basins monitored and larvicided. 4 rounds of larviciding were conducted between June and August



459 surface water sites, including storm water management ponds, ditches, etc. were monitored and 388 applications of larvicide were administered

West Nile Virus

23

private property standing water complaints received and investigated



1 confirmed and 1 probable case of West Nile virus reported



224 adult mosquito traps set and monitored (14 sites/16 weeks)



16 West Nile virus positive mosquito pools were identified within Durham Region

Tick-borne Diseases



110 confirmed and 15 probable cases of Lyme disease reported, which is an increase from 2022 where there were 59 confirmed and 38 probable cases



1

3 new reportable tick-borne diseases identified: 1 confirmed case of babesiosis, 0 cases of anaplasmosis and Powassan

Tick Surveillance



Black-legged ticks are endemic to Durham Region. 1 round of active surveillance was conducted in 2023. [Ontario Lyme Disease Map 2022 – Estimated Risk Areas](#)



Public Education



Tick awareness signage posted at public entrances of municipal and privately owned risk areas



Website updated with new tick-borne disease information www.durham.ca/ticks



Tick-borne disease education provided by the Health Department to agencies/organizations upon request (outdoor employees in risk areas, school boards, etc.)



West Nile virus and Lyme disease awareness media campaign was initiated in May and continued throughout the season. Public health messaging was shared using news releases, social media posts, radio, weather network and spotify ads