



West Nile Virus in Peel June 27 – July 3, 2010

West Nile Virus Surveillance 2010	Week of June 27 – July 3, 2010				Year to Date			
	Total	Brampton	Caledon	Mississauga	Total	Brampton	Caledon	Mississauga
WNV-Positive Mosquito Pools	0	0	0	0	0	0	0	0
Confirmed Human Cases	0	0	0	0	0	0	0	0

Surveillance

The adult mosquito surveillance program started on June 14, 2010. Adult mosquitoes will be collected weekly from mosquito traps at 31 fixed locations throughout the region of Peel until late September. To date, 92 mosquito batches have been tested for WNV and none have tested positive.

Region of Peel – Public Health has received 8 stagnant water reports from Peel residents this week.

There have been no human cases of WNV reported in Peel.

Mosquito Reduction

The larviciding program started on June 1, 2010 and will continue until September 30, 2010. Larviciding involves applying environmentally friendly products to reduce mosquito larvae (immature mosquitoes) living in stagnant water. The products are applied to municipal catch basins and selected sites on public property.

The second round of larviciding started on June 28, 2010 in Mississauga. Larviciding crews expect to finish Mississauga in the next few days and start in Brampton later this week. The second round is indicated by a white dot on the catch basin grate. It takes three weeks to complete a round of larviciding. There will four rounds of roadside catch basin larviciding this year.

Larviciding of catch basins in the green spaces of parks in Peel has been completed. The treatment of surface water sites on public lands is ongoing.

Public Education

The best way to avoid infection is to protect yourself against mosquitoes by:

- Avoiding areas with large numbers of mosquitoes
- Wearing light-coloured clothing, including long sleeves, long pants, socks and a hat whenever you are outdoors (even when you are in your backyard), especially at dusk and at dawn
- Using only those personal insect repellents that are registered for use in Canada and applying the repellent according to the manufacturer's directions
- Removing areas of standing water around your house

For more tips on protecting yourself and your family, please visit www.peel-bugbite.ca.

New this year, the Region has added information on Lyme disease and Eastern Equine Encephalitis (EEE) to www.peel-bugbite.ca. The Ministry of Health and Long-Term Care has also added information about Lyme disease on their site, www.ontario.ca/lyme.

WNV in Ontario

To date, there have been no WNV-positive mosquito batches found in Ontario. There have been no human cases of WNV illness reported in Ontario.

WNV in Canada

To date, there have been no WNV-positive mosquito batches found in Canada. There have been no human cases of WNV illness reported in Canada.

WNV in United States

There have been three human cases of WNV in the United States, including two cases in Georgia and one case in Mississippi.

For information on WNV activity in the United States, please see:

http://diseasemaps.usgs.gov/wnv_us_human.html

For more information about WNV and the Region of Peel's WNV Prevention Plan, call 905-799-7700, from 8:30 a.m. to 4:30 p.m. Monday to Friday. Caledon residents call toll free at 905-584-2216.



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