

West Nile Virus in Peel August 3 – 9, 2009

West Nile Virus Surveillance 2009	Week of August 3 – 9, 2009				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 15. To date, 408 mosquito batches have been tested for WNV and none have tested positive.

Region of Peel–Public Health has responded to 225 stagnant water reports from Peel residents.

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

Mosquito Reduction

The larviciding program started on June 15, 2009 and will continue until September 30, 2009. 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 third round of larviciding started on July 27 in Mississauga and is expected to be completed in Brampton by mid-week and completed in Caledon by the end of the week. The third round is indicated by a pink dot on the catch basin grate. The fourth round will begin in Mississauga on Aug. 17 and will be indicated by a green dot on the catch basin grate. It takes three weeks to complete a round of larviciding. There will be 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

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

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

Saskatchewan is the only province in Canada that has reported WNV activity. It has reported three WNV-positive mosquito batches. There have been no human cases of WNV illness reported in Canada.

WNV in United States

There have been 35 human cases of WNV in the United States, including six in Mississippi and five in each of Arizona, California and Nevada. In the Great Lake States, both New York and Minnesota have reported one positive human case.

For information on WNV activity in the United States, please see:
www.cdc.gov/ncidod/dvbid/westnile/Mapsactivity/surv&control09Maps.htm

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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