

West Nile Virus in Peel August 29 – Sept. 4, 2010

| West Nile Virus Surveillance 2010 | Week of August 29 – Sept. 4, 2010 | | | | Year to Date | | | |
|--------------------------------------|-----------------------------------|----------|---------|-------------|--------------|----------|---------|-------------|
| | Total | Brampton | Caledon | Mississauga | Total | Brampton | Caledon | Mississauga |
| WNV-Positive Mosquito Pools | 1 | 0 | 0 | 1 | 11 | 5 | 0 | 6 |
| 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, 906 mosquito batches have been tested for WNV and 11 have tested positive.

This week, one batch tested positive. The batch was collected in Mississauga in a trap near Dixie Road and Lakeshore Road East.

Region of Peel – Public Health has received two 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 fourth and final round of catch basin larviciding was completed on August 26.

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

Throughout August and September, the risk of WNV infection is at its highest. Residents are encouraged to continue using personal protection measures, such as:

- 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, please visit www.peel-bugbite.ca.

WNV in Ontario

To date, there have been 38 WNV-positive mosquito batches reported in Ontario, including 13 in Toronto, 11 in Peel region, 7 in Windsor-Essex County, three in Halton Region, two in Middlesex-London and one each in Hamilton and Durham Region. There have been no human cases of WNV illness reported in Ontario.

WNV in Canada

To date, there have been 29 WNV-positive mosquito batches reported outside of Ontario. Manitoba has reported 20 positive batches and Saskatchewan has reported nine. There have been no human cases of WNV illness reported in Canada.

WNV in the United States

As of August 31, the CDC is reporting 177 human cases of WNV in the United States, including 54 in Arizona, 27 in California, 18 in New York, 11 in Nebraska and 10 in Colorado. There have been three deaths in Arizona related to WNV.

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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