

## West Nile Virus in Peel July 20 – 26, 2008

West Nile Virus Surveillance 2008	Week of July 20 – 26, 2008				Year to Date			
	Total	Brampton	Caledon	Mississauga	Total	Brampton	Caledon	Mississauga
WNV-Positive Crows and Blue Jays	0	0	0	0	0	0	0	0
WNV-Positive Mosquito Pools	0	0	0	0	0	0	0	0
Confirmed Human Cases	0	0	0	0	0	0	0	0
Probable Human Cases	0	0	0	0	0	0	0	0

### Surveillance

The Region of Peel has been actively monitoring for the presence of West Nile Virus (WNV) in Peel since May 12, 2008. To date, 296 mosquito batches have been tested for WNV and all have been negative for the virus. A total of 35 dead crows and blue jays have been reported. Those specimens suitable for testing were sent to the laboratory and all tested negative.

To report dead crows and blue jays, residents are asked to call 905-799-7700 **from 8:30 a.m. to 4:30 p.m. Monday to Friday and 10 a.m. to 5 p.m. on Saturday and statutory holidays.**

Region of Peel – Public Health received 247 stagnant water reports from Peel residents.

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

### Mosquito Reduction

The larviciding program started on May 5, 2008 and will continue until September 30, 2008. 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 began on July 21 in south Mississauga and is currently progressing north of Eglinton Avenue. The third round is indicated by a pink dot on the catch basin grate. It takes three weeks to apply larvicides to all roadside catch basins in Mississauga, Brampton and Caledon. There will be four rounds of roadside catch basin larviciding this season.

Larviciding of catch basins in the green spaces of parks in Peel has been completed. The treatment of surface water sites on public lands has been ongoing since early May 2008.

### **WNV in Ontario**

This week six birds tested positive for WNV. North Bay Parry Sound had three birds test positive, while two birds tested positive in Renfrew County, and one tested positive in the Haliburton, Kawartha, Pine Ridge District.

To date, there have been 15 WNV-positive birds; six in North Bay Parry Sound, two each in Sudbury and Renfrew County, and one each in Niagara Region, Lambton County, Thunder Bay, Eastern Ontario and Haliburton, Kawartha, Pine Ridge District. As well, there have been two WNV-positive mosquito batches; one in Windsor-Essex County and one in Toronto. There have been no human cases of WNV illness reported in Ontario.

### **WNV in Canada**

Currently, Ontario is the only province in Canada reporting WNV activity.

### **WNV in United States**

There have been 43 human cases reported in the USA; including nine in Mississippi, six each in California and Texas, and five in North Dakota. There are no human cases in the Great Lakes states, but both Illinois and Pennsylvania have reported WNV-positive mosquito batches.

**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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