

West Nile Virus in Peel Weekly Update August 4, 2004

This is a regular update on the status of West Nile Virus in the Region of Peel.
Updates will continue until October.

To report dead crows, stagnant water and suspected mosquito breeding sites,
or for general information about West Nile Virus:

Call Health Line Peel at 905-799-7700
Caledon residents call toll free at 905-584-2216

Surveillance Update

WNV positive mosquitoes have been found in Mississauga near the QEW and Cawthra Road. The WNV positive mosquito batch was collected on July 15 and is the first reported in Peel in 2004. WNV positive mosquito batches were also reported in Toronto and York this past week.

Additionally, two more WNV positive crows have been identified. One crow was found on July 22 in Caledon near Heart Lake Road and Old Baseline Road and the other was found on July 26 in Brampton near Howden Boulevard and Dixie Road. The first WNV positive crow in Peel was found in Brampton and reported on July 9.

Across Canada, WNV continues to be present in the same four provinces. There are a total of 157, up from 106, WNV infected birds in Canada this week - Quebec (24, up from 19), Ontario (111, up from 77), Manitoba (16, up from 8) and Saskatchewan (6, up from 2). To date, there are no cases of human WNV infection in Canada.

United States

The number of human cases of WNV infection in the U.S. has increased by 141 to 406 this week. The American south-west continues to be the "hot spot" with 86 new human cases of WNV infection this week.

Cases of WNV infection in the Great Lake states is slowly on the rise. Cases of WNV have been reported in the last two weeks in Michigan (1), New York (3, up from 1 last week), Pennsylvania (1), Ohio (1) and Illinois (2). In total this year there have been seven WNV-related deaths reported in the U.S. including one in Ohio.

West Nile Virus Surveillance Region of Peel 2004	JULY 24 – 30				YEAR TO DATE			
	Peel Total	Brampton	Caledon	Mississauga	Peel Total	Brampton	Caledon	Mississauga
Dead Crow Reports	6	5	1	0	50	14	34	2
Crows Positive for WNV	2	1	1	0	3	2	1	0
Mosquito Pools Positive for WNV	1	0	0	1	1	0	0	1
Confirmed Human Cases	0	0	0	0	0	0	0	0
Probable Human Cases	0	0	0	0	0	0	0	0

NOTE: WNV statistics have been adjusted to reflect the reporting week more accurately. Reports will reflect previous week's bird reports.

Prevention and Control Measures

Pestalto, the licensed pesticide applicator hired by Peel Health is currently applying the third round of larvicides to catch basins. They will be treating zones north of Britannia Road in Mississauga from August 3 – 5. Treatment of Brampton catch basins will begin on August 5.

The third round of larviciding will be indicated by an orange dot on the grate of the catch basin. The second round was indicated by a white dot and the first round dot was blue. There will be three rounds of larvicide applications during the season.

Further information on West Nile Virus and Peel's 2004 WNV Prevention Plan can be found through:

- Health Line Peel at 905-799-7700, Caledon residents call toll-free at 905-584-2216
- www.peel-bugbite.ca
- Ministry of Health and Long-Term Care web site www.health.gov.on.ca



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