



**APPENDICES**

**Appendix A**

---

**WEST NILE VIRUS WEEK CODES FOR 2003**

**\* Week includes dates from  
Sunday to Saturday**

<b>Week Number</b>	<b>Dates Included</b>
16	April 13 – April 19
17	April 20 – April 26
18	April 27 – May 3
19	May 4 – May 10
20	May 10 – May 17
21	May 18 – May 24
22	May 25 – May 31
23	June 1 – June 7
24	June 8 – June 14
25	June 15 – June 21
26	June 22 – June 28
27	June 29 – July 5
28	July 6 – July 12
29	July 13 – July 19
30	July 20 – July 26
31	July 27 – August 2
32	August 3 – August 9
33	August 10 – August 16
34	August 17 – August 23
35	August 24 – August 30
36	August 31 – September 6
37	September 8 – September 13
38	September 14 – September 20
39	September 21 – September 27
40	September 28 - October 4
41	October 5 – October 11
42	October 12 – October 18
43	October 19 – October 25
44	October 26 – November 1



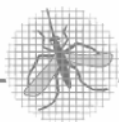
**Appendix B**  
**Dead Bird Surveillance for West Nile Virus by Health Unit, Ontario, 2003**

Region	First Positive Bird Found	Latest Positive Bird Found	Total (Confirmed/Presumed Confirmed)
Algoma	July 12, 2003	September 3, 2003	4
Brant	July 17, 2003	September 2, 2003	6
Chatham–Kent	August 12, 2003	October 22, 2003	7
Durham	June 3, 2003	August 14, 2003	6
Eastern Ontario	July 29, 2003	August 26, 2003	4
Elgin – St. Thomas	August 12, 2003	September 5, 2003	4
Grey Bruce	July 8, 2003	September 11, 2003	4
Haldimand–Norfolk	May 30, 2003	August 27, 2003	9
Haliburton–Kawartha	July 21, 2003	August 20, 2003	5
Halton Region	July 19, 2003	September 23, 2003	15
Hamilton	May 13, 2003	August 20, 2003	7
Hastings	July 16, 2003	August 11, 2003	6
Huron	July 5, 2003	August 26, 2003	2
Kingston–Frontenac	August 7, 2003	August 25, 2003	4
Lambton	August 12, 2003	August 16, 2003	7
Leeds–Grenville	July 14, 2003	September 4, 2003	4
Middlesex–London	July 2, 2003	September 2, 2003	4
Muskoka–Parry Sound	July 16, 2003	August 19, 2003	8
Niagara	August 5, 2003	August 20, 2003	6
North Bay	July 15, 2003	July 29, 2003	3
Northwestern	July 25, 2003	September 12, 2003	11
Ottawa	May 21, 2003	August 17, 2003	10
Oxford County	May 23, 2003	August 18, 2003	5
<b>Peel Region</b>	<b>July 4, 2003</b>	<b>September 27, 2003</b>	<b>12</b>
Perth District	July 18, 2003	August 19, 2003	5
Peterborough	June 27, 2003	August 25, 2003	6
Renfrew	July 10, 2003	August 10, 2003	6
Simcoe County	June 12, 2003	July 29, 2003	11
Sudbury	August 13, 2003	August 27, 2003	4
Thunder Bay	July 20, 2003	July 29, 2003	2
Timiskaming	June 7, 2003	August 31, 2003	3
Toronto	July 16, 2003	October 22, 2003	17
Waterloo	July 23, 2003	September 9, 2003	5
Wellington–Dufferin	June 24, 2003	September 29, 2003	10
Windsor–Essex	August 7, 2003	September 18, 2003	11
York Region	April 15, 2003	September 25, 2003	9
<b>Ontario Total</b>			<b>242</b>

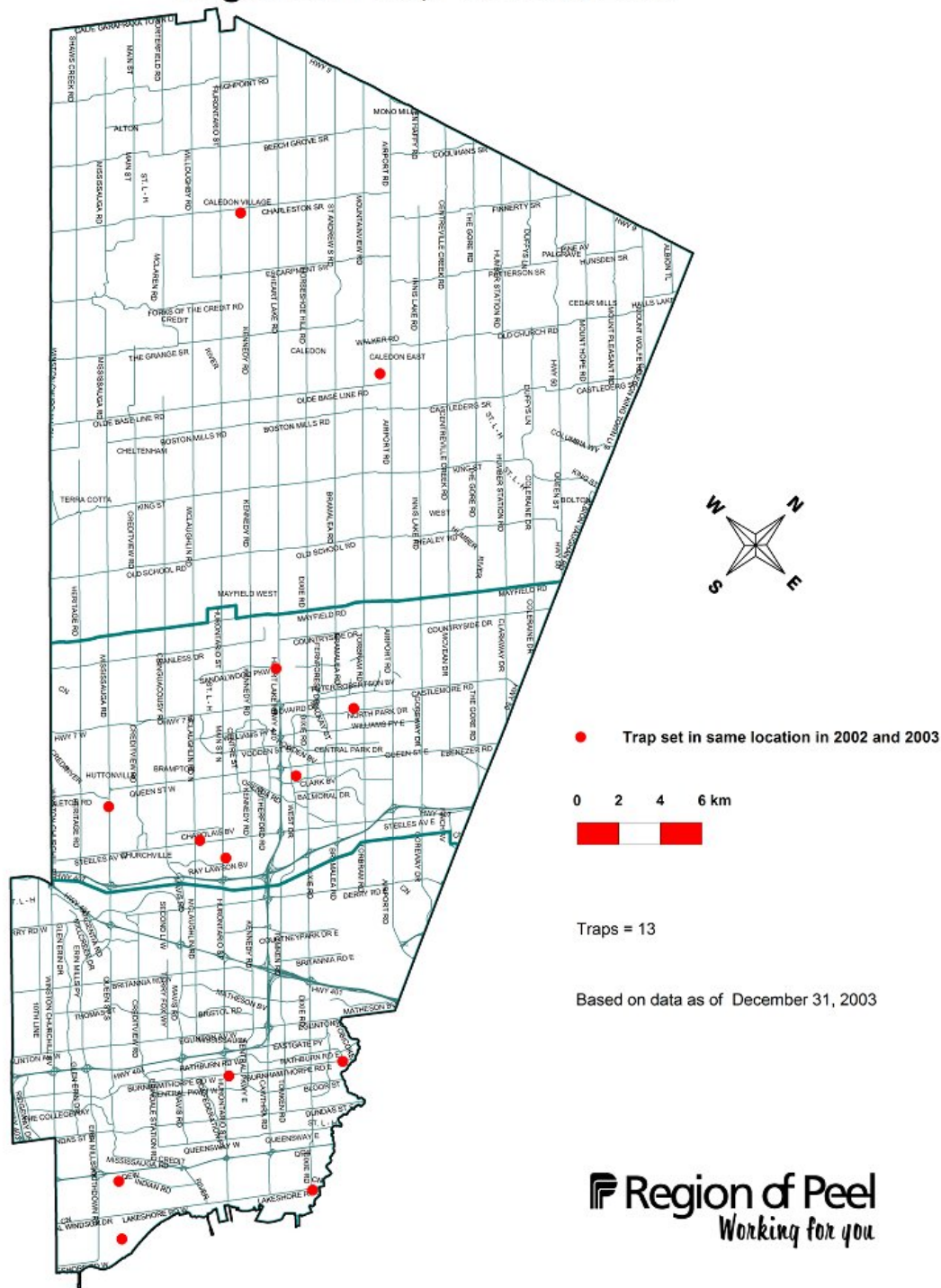
Data as of December 16, 2003.

Source: Ontario Ministry of Health and Long-Term Care. Available from URL:

[http://www.health.gov.on.ca/english/providers/program/pubhealth/westnile/wnv\\_03/wnv\\_birds.html](http://www.health.gov.on.ca/english/providers/program/pubhealth/westnile/wnv_03/wnv_birds.html)



### Appendix C: Location of Common Mosquito Traps Region of Peel, 2002 and 2003





**Appendix D**

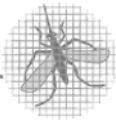
**Adult Mosquito Surveillance for West Nile Virus by Health Unit, Ontario, 2003**

Region	First Positive Batch Found	Last Positive Batch Found	Total Positive Batches
Brant	August 26, 2003	August 26, 2003	1
Durham	August 8, 2003	August 14, 2003	2
Haldimand - Norfolk	July 8, 2003	July 8, 2003	1
Haliburton - Kawartha	August 12, 2003	August 25, 2003	2
Halton	July 24, 2003	September 10, 2003	19
Hamilton	September 3, 2003	September 16, 2003	2
Middlesex - London	August 13, 2003	August 20, 2003	2
Niagara *	September 3, 2003	September 4, 2003	8
Ottawa	August 12, 2003	August 29, 2003	3
Oxford	August 13, 2003	August 13, 2003	1
<b>Peel</b>	<b>July 24, 2003</b>	<b>September 23, 2003</b>	<b>24</b>
Porcupine	August 26, 2003	August 26, 2003	1
Toronto	August 12, 2003	October 21, 2003	56
Waterloo	August 29, 2003	August 29, 2003	1
Wellington - Dufferin	August 12, 2003	August 12, 2003	1
Windsor	August 19, 2003	September 16, 2003	5
York Region	July 30, 2003	September 18, 2003	6
<b>ONTARIO TOTAL</b>			<b>135</b>

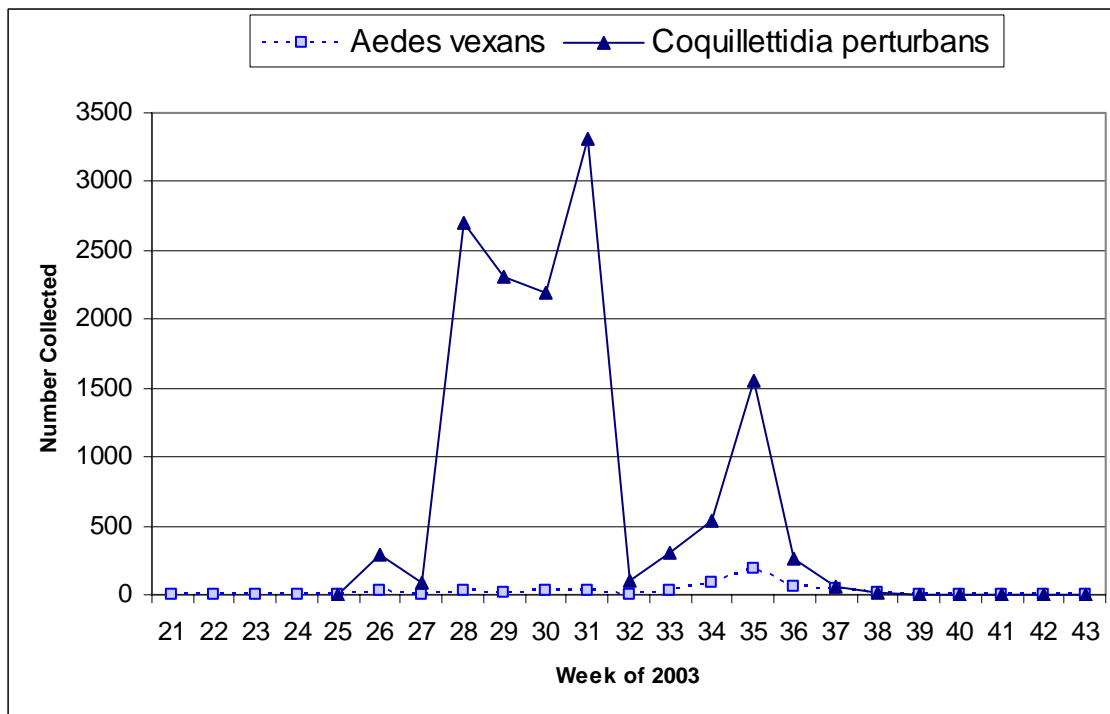
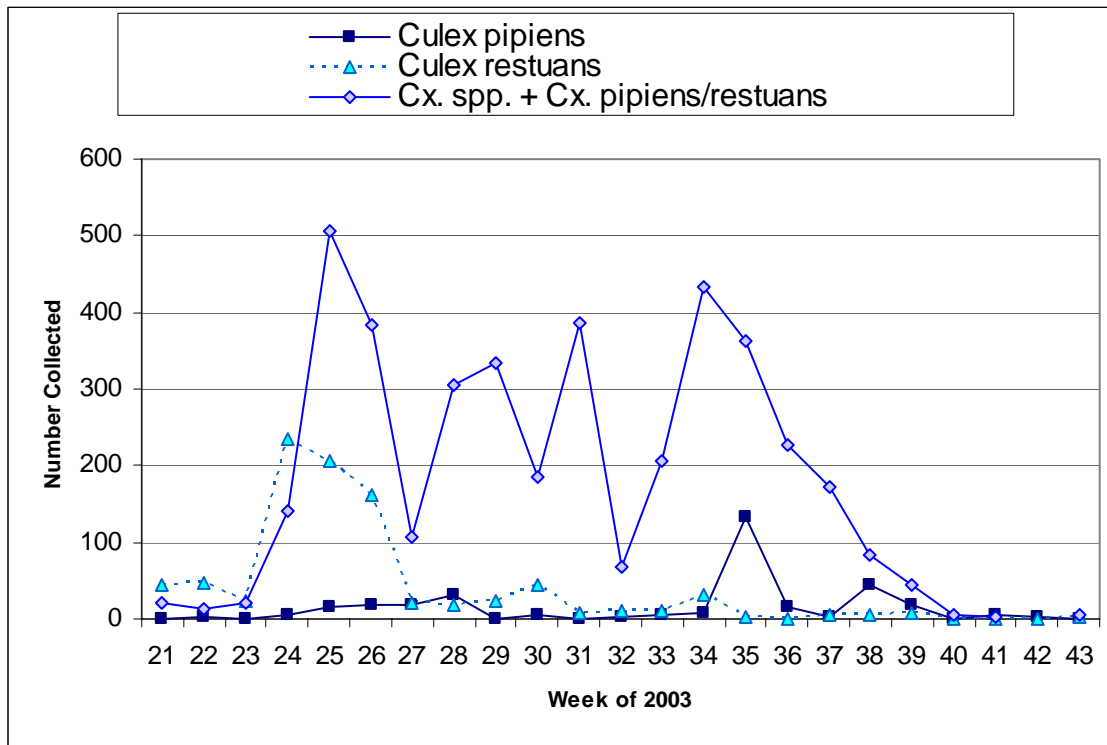
Data as of December 2, 2003.

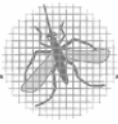
Source: Ontario Ministry of Health and Long-Term Care. Available from URL:

[http://www.health.gov.on.ca/english/providers/program/pubhealth/westnile/wnv\\_03/wnv\\_mosquitoes.html](http://www.health.gov.on.ca/english/providers/program/pubhealth/westnile/wnv_03/wnv_mosquitoes.html)

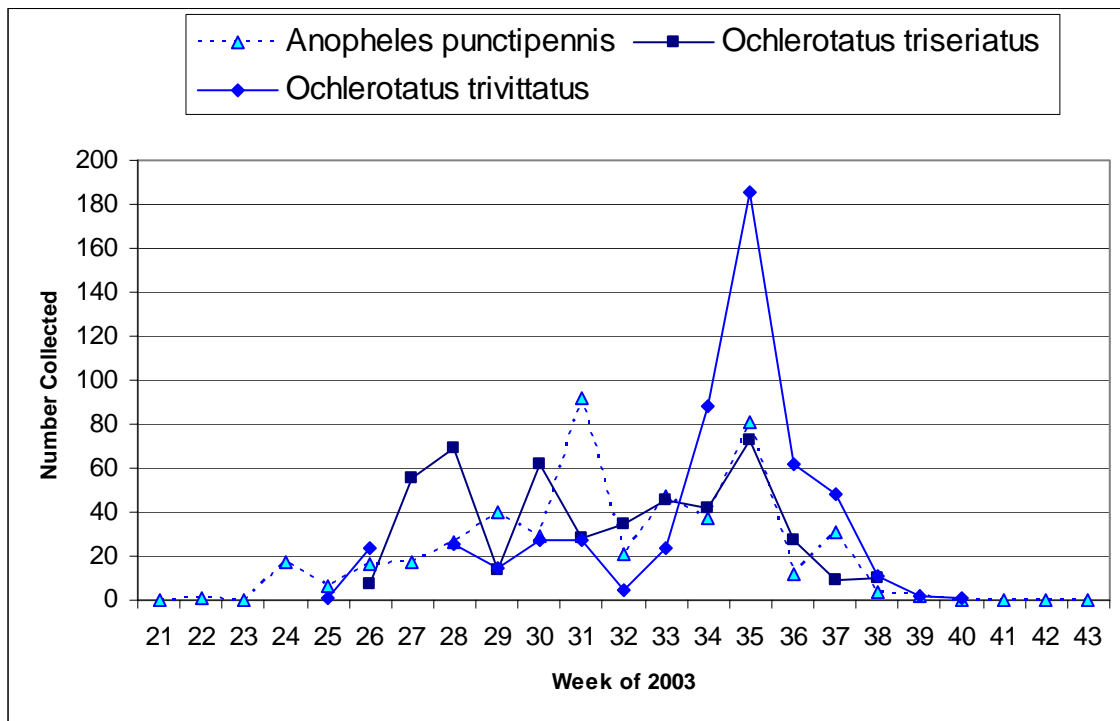


### Appendix E Mosquito Activity among WNV-Positive Species, Region of Peel, 2003





## WEST NILE VIRUS IN THE REGION OF PEEL 2003





## Appendix F

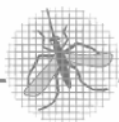
### Human Case Surveillance for West Nile Virus by Health Unit, Ontario, 2003

Region	Total Cases
Brant	2
Chatham-Kent	1
Haliburton-Kawartha-Pine Ridge	1
Hamilton-Wentworth	4
Kingston	1
Middlesex-London	1
Niagara	5
Ottawa	4
<b>Peel</b>	<b>10</b>
Peterborough	1
Renfrew	1
Simcoe	1
Toronto	44
Waterloo	1
Windsor-Essex	10
York Region	2
<b>ONTARIO TOTAL</b>	<b>89</b>

Data as of November 4, 2003.

Source: Ontario Ministry of Health and Long-Term Care. Available from URL:

[http://www.health.gov.on.ca/english/providers/program/pubhealth/westnile/wnv\\_03/wnv\\_humans.html](http://www.health.gov.on.ca/english/providers/program/pubhealth/westnile/wnv_03/wnv_humans.html)



## Appendix G

### Horse Surveillance for West Nile Virus by Health Unit, Ontario, 2003

Health Unit	No. of presumptive* or confirmed positive horses†
Durham	1
Eastern Ontario	1
Halton	1
Niagara	2
Peel	1
Perth	1
Peterborough	1
Unknown	31
Windsor	2
Ontario	41

\* Requires additional testing before it can be considered a confirmed result

† In addition to provincial/territorial sources, data is provided by the Canadian Food Inspection Agency.

Data as of January 12, 2004

Source: Health Canada / Canadian Food Inspection Agency

Available from URL: [http://www.hc-sc.gc.ca/pphb-dgspsp/wnv-vwn/pdf\\_sr-rs/2004/surveillance\\_table\\_011204\\_hr.pdf](http://www.hc-sc.gc.ca/pphb-dgspsp/wnv-vwn/pdf_sr-rs/2004/surveillance_table_011204_hr.pdf)



## Appendix H Definition of Terms

**Ataxia:** difficulty coordinating movement or body functions <sup>46</sup>

**Encephalitis:** inflammation of the brain <sup>46</sup>

**Flavivirus:** the genus in which the WNV is classified. WNV is a single-stranded RNA virus of the family *Flaviviridae* <sup>47</sup>

**Host:** an animal or plant having received a parasite which then resides within the animal or plant <sup>46</sup>

**Hot Spot:** in WNV programs, a collection of two or more local positive findings among dead birds, mosquito pools or mammals, as opposed to an isolated finding <sup>48</sup>

**Malaise:** bodily discomfort, especially without development of a specific disease <sup>46</sup>

**Meningitis:** inflammation of the lining of the brain or spinal cord <sup>46</sup>

**Myalgia:** muscle soreness or pain <sup>46</sup>

**Neuropathogen:** an agent which causes disease of the nervous system <sup>46</sup>

**Sighting:** a report of a dead crow received from the public with species being confirmed by animal control authorities at time of carcass pick-up <sup>49</sup>

**Vector:** carrier of disease or infection from one organism to another <sup>46</sup>