

2006 – West Nile Virus in the Region of Peel

List of Tables

Table 1	Number of Human Cases by Municipality, Region of Peel (2002-2006)	9
Table 2	Summary of Human Cases, Deaths and Rate by Ontario Health Unit.....	13
Table 3	Number of Human Cases and Deaths by Province – 2005 and 2006	16
Table 4	Number of Human WNV Cases Reported in the Great Lake States, 2004-2006*	18
Table 5	Number of Dead Bird Reports for Target Species by Municipality - Region of Peel, 2002-2006.....	22
Table 6	Date and Location of First Positive Target Bird (Crow or Blue Jay) - Region of Peel, 2001-2006.....	26
Table 7	Annual Comparison of the Total Number of WNV Positive Birds - Region of Peel, 2002-2006	27
Table 8	Dead Bird Results by Ontario Health Unit - Ontario, 2006	34
Table 9	Dead Bird Results by Province - Canada, 2006.....	35
Table 10	Great Lake States - Number of WNV Positive Birds - United States, 2006.....	36
Table 11	Estimated Number of Female Adult Mosquitoes Collected and Identified by Species - Region of Peel, 2006*	44
Table 12	Number of Positive Trapping Events by Municipality - Region of Peel, 2001-2006	45
Table 13	Annual Comparison of Female <i>Culex</i> Mosquitoes Collected and Positive Batches - Region of Peel, 2002-2006.....	50
Table 14	Annual Comparison of the Top 12 Mosquito Species Collected from Common Traps – Region of Peel, 2002-2006.....	53
Table 15	Minimum Infection Rates of <i>Culex</i> Species in Each Municipality - Region of Peel, 2004, 2005 and 2006.....	55
Table 16	Minimum Infection Rates of non- <i>Culex</i> Species in Each Municipality - Region of Peel, 2006.....	56
Table 17	Mosquito Surveillance Statistics by Health Unit - Ontario, 2006	57
Table 18	Mosquito Surveillance Statistics by Province, 2006	58
Table 19	Mosquito Surveillance Statistics - Great Lake States,.....	59
Table 20	Number of Surface Water Sites Monitored by Municipality -	62
Table 21	Summary of Catch Basin Treatment - Region of Peel, 2006.....	73
Table 22	Summary of Surface Water Treatment by Municipality – Region of Peel , 2003-2006	73
Table 23	Equine Cases of WNV by Region - Ontario, 2006	77
Table 24	Proportion of Residents who Protected Themselves from Mosquitoes All or Most of the Time During the Month Prior to Interview - Region of Peel, 2002 – 2006.....	82