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Branch-Hillsdale-St. Joseph Community Health Agency

West Nile Virus Detected in a Raven in Hillsdale County

West Nile Virus has been confirmed in a raven in the city of Hillsdale in Hillsdale County. No human cases have been reported: Exposure Precautions Recommended

The Branch-Hillsdale-St. Joseph Community Health Agency announced today that the West Nile virus has been detected in a raven found in the city of Hillsdale in Hillsdale County. This is the first evidence of West Nile detected in Hillsdale County this year. The detection was based upon recent laboratory testing conducted by the Michigan Department of Community Health Bureau of Laboratories. Public and animal health surveillance for the virus is ongoing. There were no positive tests reported in 2005 in Hillsdale County. Mosquito activity can continue well into the late summer and fall and precautions should be taken.

The virus is transmitted by the bite of infected mosquitoes. It can not be spread from person to person contact or directly from birds to people. Therefore there are simple ways to minimize risk.

- Apply insect repellent containing the active ingredient DEET to exposed skin or clothing as directed by the manufacturers directions (follow label recommendation for children under 2)
- Maintain window screens to keep mosquitoes out of buildings.
- Drain standing water in the yard. Empty mosquito breeding sites such as buckets barrels, cans, clogged rain gutters or discarded tires.
- Avoid activities in areas where there are a large number of mosquitoes present.

Horse owners are encouraged to contact their local veterinarian to discuss appropriate preventive measures. Tips for horses include:

- Using approved insect repellents to protect horses
- Placing horses in stables or barns during prime exposure hours of dawn and dusk.
- Eliminate standing ground water at least twice per week
- Consult with your local veterinarian about the use of available approved vaccine.

Other facts to consider:

- Most persons infected with the virus have no symptoms.
- 1 in 4 infected persons will have mild illness with fever, headache and body aches, rash and swollen lymph glands.
- Encephalitis is far less common. Symptoms include: headache, high fever, stiff neck, stupor, disorientation, coma, tremors, muscle weakness and paralysis.
- Death is extremely rare.
- The virus is **NOT transmitted from person to person**, horse to horse, or horse to person.

For additional information please visit our website at http://www.bhsj.org/eh/eh_westnile.htm or visit the State of Michigan at www.michigan.gov/emergingdiseases