

Jefferson County Department of Health and Environment (JCDHE)
West Nile Virus (WNV) and Zoonoses
Newsletter # 10
August 14, 2008

RABIES IN JEFFERSON COUNTY

JCDHE has tested a total of 28 animals for rabies so far in 2008 with 12 of those being bats. There have been two positive bats from the 12 tested. One from 7/7/2008 and one this past week found during the day in the parking lot of Columbine Hills Park in Littleton near Kendall Blvd and Elmhurst Avenue on 8/12/08. Please see the attached news release dealing with this positive bat.

Everyone is urged not to handle bats and to beware of any seen during day light hours. Bats that are active during the day (seen in places where bats are not usually seen, i.e. indoors, on the lawn) or any bat that is unable to fly should be considered possibly rabid and reported to the appropriate animal control agency.

For additional information go to the following web site.

http://www.co.jefferson.co.us/health/health_T111_R159.htm

WNV NATIONAL

The August 12, 2008 update from CDC and USGS (for states other than Colorado) has posted 154 human cases of WNV: 1 from Alabama, 5 from Arizona (1 fatal), 4 from Arkansas, 55 from California, 1 from Connecticut, 8 from Idaho, 1 from Iowa, 2 from Louisiana, 9 from Minnesota, 17 from Mississippi (1 fatal), 3 from Missouri, 2 from Nebraska, 2 from Nevada, 8 from North Dakota, 1 from Ohio, 5 from Oklahoma, 1 from Pennsylvania, 11 from South Dakota, 3 from Tennessee, 10 from Texas, 2 from Utah, 1 from West Virginia, 1 from Wisconsin, and 1 from Wyoming.

For updates visit their websites at

<http://www.cdc.gov/ncidod/dybid/westnile/Mapsactivity/surv&control07Maps.htm>

http://diseasemaps.usgs.gov/wnv_us_human.html

WNV COLORADO

The August 11, 2008 update from the Colorado Department of Public Health and Environment (CDPHE) shows the number of human WNV infections in Colorado at 20, with cases being reported from Adams (1), Boulder (5), Denver (1), Gunnison (1), Jefferson (1), Larimer (4), Logan (1), Mesa (1), Otero (2), and Weld (3) counties. At the current rate, 2008 will yield the fewest number of human cases in the six full years WNV transmission has occurred in Colorado.

All indicators continue to point to a very low WNV transmission season. Culex mosquito populations continue to be much lower when compared to previous seasons and are starting the normal seasonal decline. 2213 mosquito pools have been tested statewide this year, with 20 positive mosquito pools from the counties of: Bent (1), Boulder (1), Jefferson (1), Larimer (7), Logan (1), Morgan (2), Prowers (3), and Weld (4). In comparison last season 4740 pools had been tested by August 10th with 309 positive. There have been no positive tests on any avian or equine specimens.

For updates visit the CDPHE website at

<http://www.cdphe.state.co.us/dc/Zoonosis/wnv/index.html>

WNV JEFFERSON COUNTY

Mosquito Surveillance: Mosquito trapping this past week yielded a total of 1034 mosquitoes with 531 being Culex mosquitoes. Ottertail Environmental submitted 5 pools of Culex mosquitoes to the state lab for WNV testing during this past week. The highest numbers of Culex were caught at Fossil Trace Golf Course in Golden (184) using the sum of 2 trap nights and Meadowbrook Village Park near Quaker Street and 56th Place (152) using the sum of 2 trap nights.

Mosquito Control: During the past week Ottertail Environmental, Inc. conducted 404 larval habitat site inspections and control. Out of these inspections, 93 sites were treated.

EVERYONE SHOULD CONTINUE TO:

- **Always use repellent for ALL outdoor activities. Use DEET, Picaridin or Oil of Lemon Eucalyptus, (according to labeled instructions).**
- Wear long sleeves and pants when outdoors at **DAWN** and **DUSK**.
- **DRAIN** and **EMPTY** all containers in their yard because you can be bitten by WNV carrying mosquitoes in your own yards.
- Check your home to make sure all windows and doors have screens and are in good condition. This will reduce the chance of mosquitoes and bats gaining entry into your home.
- For additional information on repellents and how to protect you and your family around the home go to <http://health.jeffco.us> and go to the WNV page.

Mosquito Complaint Hotline:

Ottertail Environmental operates a toll free telephone line for citizen reports and concerns, that number is 1-888-774-2161 and locally the local number is 303 273-2878.

For More Information on WNV and Zoonoses

http://www.jefferson.co.us/ext/dpt/health/home_ehs.htm, or call 303 239 7075 or contact dvolkel@jeffco.us or jdale@jeffco.us