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News Release

FOR IMMEDIATE RELEASE

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SNHD surveillance detects West Nile Virus in mosquitoes in Clark County

LAS VEGAS - August 29, 2006 - The Southern Nevada Health District's mosquito surveillance program has detected West Nile virus in five mosquitoes in Clark County. Affected mosquitoes were found in the Laughlin area and in northern Clark County in Overton. To date, there has been one confirmed case of West Nile virus in a Clark County resident; the individual is under age 50, and contracted the illness while traveling in northern Nevada. There have been 68 cases reported statewide.

"We have detected several mosquitoes in the area that have tested positive for West Nile virus in the county so we want to reiterate the importance of taking steps to minimize exposure to mosquito bites and to control the mosquito population," said Dr. Donald Kwalick, the Southern Nevada Health District's chief health officer. "As we continue to enjoy the summer in Southern Nevada, the health district wants to remind residents to take precautions, especially as our evening temperatures start to cool down and we spend more time outdoors."

The following preventive actions are recommended by the U.S. Centers for Disease Control and Prevention (CDC) to reduce individual risk of mosquito-borne illness:

- Eliminate areas of standing water, including bird baths, un-maintained swimming pools and sprinkler runoff, which support mosquito breeding.
- Make sure doors and windows have tight-fitting screens without tears or holes.
- Avoid spending time outside when mosquitoes are most active, notably at dusk (the first two hours after sunset) and dawn.

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SNHD detects positive mosquitoes – add one

- Wear pants and long-sleeved shirts, when outdoors.
- Apply an insect repellent containing DEET (N, N-diethyl-meta-toluamide) according to manufacturer's directions. *Repellents containing picaridin and oil of lemon eucalyptus also have some efficacy. However, DEET is the best-studied and most-effective repellent available.*

West Nile virus most often is spread by the bite of an infected mosquito. Mosquitoes become infected when they feed on infected birds. Infected mosquitoes can then spread the virus to humans and other animals when they bite. West Nile virus is **NOT** spread through casual contact such as touching or kissing a person infected with the virus.

According to the Centers for Disease Control and Prevention (CDC), most people infected with West Nile virus will not develop any type of illness or experience symptoms. It is estimated that 20 percent of the people who become infected will develop West Nile fever. Symptoms include fever, headache, tiredness and body aches.

Approximately one in 150 persons (less than one percent) infected with West Nile virus will develop a more severe form of the disease, West Nile encephalitis or meningitis. Symptoms of the more severe disease include severe headache, high fever, neck stiffness, stupor, disorientation, coma, tremors, convulsions, muscle weakness and paralysis.

While there is no specific treatment for West Nile virus infection, people who have been exposed to mosquitoes and experience symptoms of the more severe illness are encouraged to contact their health care provider immediately.

For additional information on West Nile virus, visit the health district website at www.southernnevadahealthdistrict.org. The public may also call the West Nile virus hotline at (702) 759-1220 with questions, concerns or to report standing water, dead birds and mosquitoes.