Early Detection of West Nile Virus in the Antelope Valley

Lancaster, CA – The Antelope Valley Mosquito & Vector Control District (AVMVCD) received confirmation from the California Department of Public Health (CDPH) that one of the sentinel chickens in West Lancaster has tested positive for West Nile Virus (WNV). The coop is located near 15th Street West and Avenue I.

“This is the earliest detection of WNV that we have had in the Antelope Valley for several years”, said District Entomologist Karen Mellor. “And in those years we had high infection rates.”

District Manager Cei Kratz advises residents to follow the ‘3 D’s of mosquito control’: “That means Drain all standing water, Dusk and dawn is when mosquitoes are most active, and when we need to Defend ourselves by using insect repellent while outdoors”, she said. She also urges the public to conduct routine property inspections for mosquito-breeding sources. Look for any standing water around the house or neighborhood and either remove the water source or contact the District to inspect the potential mosquito-breeding source. Mosquitoes can complete their life cycle in just one week in a water source as small as a bottle cap.

So far this year the West Nile Virus has been detected in 10 dead birds and 15 mosquito samples from 9 Counties in California. The CDPH has also reported one fatality due to WNV in a man in Sacramento County.

Residents are encouraged to report any dead birds to the California West Nile Virus Hotline at 1-877-WNV-BIRD (1-877-968-2473) or online at www.westnile.ca.gov. Not all birds will be tested, but the data of dead bird clusters is vital in tracking and controlling the virus.
West Nile Virus is transmitted by the bite of an infected mosquito. Although most people that are infected do not show any symptoms, West Nile Virus is a potentially debilitating disease. Even ‘mild’ cases of West Nile Fever can cause patients enormous pain and discomfort for months.

District officials urge residents to take individual responsibility, and remember the 3 D’s protect yourself and your family from West Nile Virus:

- **DRAIN** all standing water – Empty out small containers at least once a week, keep pools and spas chlorinated or drained, and repair all water leaks. Conserve water and prevent mosquito breeding.
- **DUSK** and **DAWN** – are peak activity times for mosquitoes.
- **DEFEND** yourself - wear long sleeved shirts and pants and use mosquito repellents containing DEET, Picaridin, Oil of Lemon Eucalyptus, or IR3535 when outdoors during mosquito activity. Always follow instructions on the product label. Keep tight fitting screens on doors and windows to prevent mosquitoes from entering homes.

Also remember to:

- get **FREE** mosquito-eating fish (*Gambusia affinis*) for fish ponds, pools, and horse troughs.
- vaccinate your horses properly.
- report stagnant pools and other backyard sources to the AVMVCD.
- report dead birds by calling 1-877-WNV-BIRD (877-968-2473) or online at [www.westnile.ca.gov](http://www.westnile.ca.gov).

For any further questions or services please feel free to contact the Antelope Valley Mosquito & Vector Control District by phone (661-942-2917) or check us out online at [www.avmosquito.org](http://www.avmosquito.org), like us on Facebook ([https://www.facebook.com/pages/Antelope-Valley-Mosquito-Vector-Control-District/425659330805392](https://www.facebook.com/pages/Antelope-Valley-Mosquito-Vector-Control-District/425659330805392)), or follow us on Twitter @AVMosquito.