

Mosquito Control Update July 14, 2014

Mosquito control activity of the woodland mosquitoes such as *Aedes atlanticus*, *Aedes vexans*, and *Psorophora ferox*, have decreased considerably over the past couple of weeks, due to effective controls involving ground and aerial ULV treatments along with less mosquito re-infestation as a result of decreased rainfall. The average rainfall for the month of June collected from the 65 rain gauges located throughout the parish was 11.44 inches or 6.34 inches above normal.

Over the past couple of weeks the District received positive results for West Nile virus in 6 mosquito pools out of 147 tested. The positive pools were all collected from the southern house mosquito, *Culex quinquefasciatus*, the primary vector for West Nile virus. These pools were collected from the Madisonville and Mandeville areas. Increased controls against the southern house mosquito were conducted in these areas with additional larvicide, and aerial and ground adulticide. The District continues to place much emphasis throughout the parish on the control of this mosquito species. Treatment of the roadside ditches are performed on a weekly basis.

Since July 1, a total of 151,552 acres were aerially treated mainly for the control of the southern house mosquito. Treated areas included Madisonville, Mandeville, Lacombe, Covington and Slidell. Some of these areas received two treatments. In addition, truck mounted sprayers treated locations throughout the parish.