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**MOSQUITO CONTROL SERVICES, LLC**

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## **Jefferson Parish Monthly Report July 2021**

July surveillance results indicated a decrease in the overall mosquito population compared to the previous month. With that said, the presence of West Nile Virus (WNV) was detected in several samples. Within the 130 mosquito pool samples and 176 sentinel chicken serum samples collected throughout this region, 3 mosquito pool samples were confirmed positive for WNV by the Louisiana Diagnostic Laboratory. In addition to the virus activity, a small number of locally heavy nuisance mosquito collections were identified, with crews providing increased measures of larviciding and adulticiding to help ensure that these locations were adequately addressed. MCS crews remained vigilant, directing efforts to data collections, resident generated requests, and breeding grounds conducive with conditions responsible for producing vector mosquitoes.

WNV protocols were completed for each sample that yielded a positive result. These procedures coincided with addressing mosquito population levels by applying focused pressure to the adult and immature stages. Technicians applied bio larvicide to more than 1.5 million square feet of breeding sites within Jefferson Parish to control the larval populations. Additionally, truck mounted ULV and handheld sprayers addressed adult mosquito populations. ULV trucks administered treatments totalling in 70,669.30 acres covering 1,943.60 miles of roadway.

A detailed report of this month's mosquito abatement activities follows this narrative.

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