



MEMORANDUM

To: Mayor and City Council

From: Luay Rahil, Assistant Director of Community Development
Mindi Hurley, Director of Community Development

Date: September 23, 2025

Reference: Consider approval of the renewal of an Interlocal Agreement with Dallas County Health and Human Services for mosquito spraying; in the amount of \$54,000.00, as budgeted; and authorizing the Mayor to sign.

2040: Sustainable Government

Introduction:

The item is presented to consider approval of the renewal of an Interlocal Agreement for mosquito adulticiding and larvaciding between the City of Coppel and Dallas County Health and Human Services, effective October 1, 2025, through September 30, 2026.

Background:

Our mission is to protect public health by reducing the risk of mosquito-borne illnesses such as West Nile Virus, using effective and environmentally responsible vector control methods.

To support this mission, the City partners with Dallas County to monitor and manage mosquito populations across six designated management areas. Each week, City staff sets traps on Thursdays and collects samples on Fridays. These samples are sent to the Dallas County Public Health Laboratory, with test results typically available by noon the following Monday.

If West Nile Virus (WNV) is detected, Dallas County conducts targeted ground spraying that same evening and again on Tuesday night. This rapid response is essential to minimize the risk of virus transmission to residents, pets, and wildlife.

In addition to surveillance and spraying, City staff proactively eliminates mosquito breeding habitats. A combination of EPA-approved biological and chemical products is used to control mosquitoes at all life stages. Applications are performed at ultra-low volumes, typically just a few ounces per acre to ensure effectiveness while minimizing environmental impact.

Benefits to the Community:

This program safeguards public health by controlling mosquitoes and other vectors known to spread disease. When areas test positive, prompt chemical treatment is essential; without timely intervention, disease can continue to spread. Rapid response significantly reduces the likelihood of transmission and is a critical factor in slowing disease progression.

Legal Review:

The City attorney has reviewed this item.

Fiscal Impact:

The fiscal impact of this agenda item is \$54,000.00, as budgeted.

Recommendation:

The Community Development department recommends approval of this item.