



Vector Disease Control, Inc.

Mosquito Surveillance and Control Report

for the

City of Jonesboro

May 2020

2221 N. Church St. Jonesboro, AR 72401

T-855.933.6939 F- 870.933.0122

www.vdci.net





City of Jonesboro Activity Report

May 2020

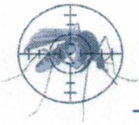
Vector Disease Control, Inc. (VDCI) provides a proven, scientific approach to mosquito control for the City of Jonesboro. VDCI's operations include larval and adult mosquito surveillance followed by the application of larvicides and adulticides. In addition, our office responds to service requests from the public.

Mosquito Surveillance

VDCI has utilized a total of **(13)** New Jersey light traps placed in residential and recreational areas throughout Jonesboro. These traps collected an average of **1.17** mosquito per trap night **1** total mosquitoes) during this time. There have been a total of **1** mosquito species collected, with *Aedes Vexans* being the most predominant species.

Larval Control Activity

Permanent water, flood water, artificial containers, and drainage system sites are inspected for larval mosquito breeding on a regular basis. In total, **39** sites inspected with 0 sites having mosquito larvae present. As a result of these inspections, 0 ounces of granular BTI (Aquabac 200g) was applied to these mosquito breeding sites. Additionally, VDCI is continuing to eliminate breeding habitat for artificial container mosquitoes by targeting bird baths, buckets, tires etc.



Adult Mosquito Control Activity

In response to community events and mosquito surveillance data, VDCI applied the adulticide on **4** truck routes for this reporting period. All adulticide ULV applications were made with truck-mounted ULV units equipped with GPS-enabled monitors. During this report period, a total of **143.4** spray miles (**5,246.90 acres**) were treated with a total of **34.5** gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to **1** service request and adulticided all parks, and any special events during the month.

Summary

Throughout this reporting period, VDCI has continued to provide exceptional control of larval and adult mosquito populations. VDCI will remain diligent in our surveillance and control activities to prevent a significant increase in the mosquito population. If VDCI detects a significant rise in the mosquito population we will increase larval and adult control. As always, VDCI welcomes residents with any mosquito-related questions or concerns to contact VDCI's Jonesboro office directly at 855.933.6939.