

May 2024 Mosquito Control Report

Jonesboro, AR

Prepared by:

Vector Disease Control

2221 South Church

Jonesboro, AR 72401

www.vdc.org

Office: 870-933-2233





City of Jonesboro Activity Report

May 2024

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.

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 **8.346** mosquito per trap night (**217** total mosquitoes) during this time. There have been a total of **3** mosquito species collected.

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, **40** sites inspected with **0** sites having mosquito larvae present. As a result of these inspections, **0.00** ounces of granular BTI (VectoBacG) 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



F.N. Church, Sr., Wynne, AR 72401
T-855.933.4030 F-870.933.014



In response to community events and mosquito surveillance data, VDCI applied the adulticide on **3** 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 **133.6** spray miles **3,534.6 acres** were treated with a total of **26.9** gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to **9** 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.

Ground Adulicide Applications

Start Date: 05/01/2024 End Date: 05/31/2024

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 04A Applications								
May 2024	05/28/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	42.0	34.6	1,258.1	9.0
					<i>Total Permanone 30-30 (General Use) Applied: 9.0</i>			
					<i>Jonesboro Zone 04A Totals: 42.0 34.6 1,258.1 9.0</i>			

Jonesboro Zone 04B Applications								
May 2024	05/29/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	42.8	26.5	962.8	9.9
					<i>Total Permanone 30-30 (General Use) Applied: 9.9</i>			
					<i>Jonesboro Zone 04B Totals: 42.8 26.5 962.8 9.9</i>			

Jonesboro Zone 05B Applications								
May 2024	05/30/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	48.8	36.1	1,313.7	8.0
					<i>Total Permanone 30-30 (General Use) Applied: 8.0</i>			
					<i>Jonesboro Zone 05B Totals: 48.8 36.1 1,313.7 8.0</i>			
					<i>Grand Totals: 133.6 97.2 3,534.6 26.9</i>			

Vector Disease YTD

May 2023 May 2024

Light Trap Surveillance:

Total Mosquitos Collected	29	217
Total Average Mosquito Collected	1.0825	8.346
Total Average Species	2	3

Larviciding:

Total Inspected Sites	7	40
Total Sites with Larvicide	4	0
Total Larvicide Used (In Ounces)	232	0

Adulticiding:

Total Spray Miles	560.5	97.2
Total Acres Treated	20,381.10	3,534.60
Total Gallons Sprayed	105	26.9
Total Nights Sprayed	7	3

Aerials:

Aerial Sprays	0	0
Total Gallons	0	0
Total Acres	0	0

Requested Services:

	0	9
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