

**September-October,
2023
Year to Date
Mosquito Control
Report**

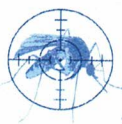


Jonesboro, AR

Prepared by:
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Global Leaders in Mosquito Control





City of Jonesboro Activity Report

**September/October 2023
Year to Date**

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 **7.128** mosquito per trap night (**376** total mosquitoes) during this time. There have been a total of **3** mosquito species collected.

Larval Control Activity

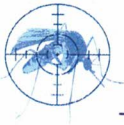
Permanent water, flood water, artificial containers, and drainage system sites are inspected for larval mosquito breeding on a regular basis. In total, **0.00** sites inspected with **0** sites having mosquito larvae present. As a result of these inspections, **0.00** ounces of granular BTI (VectoBacG) 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.

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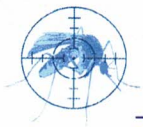


Adult Mosquito Control Activity

In response to community events and mosquito surveillance data, VDCI applied the adulticide on **6** 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 **233.3** spray miles **8,481.70 acres** were treated with a total of **48.00** gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to **4** 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.

**Year-End Totals 2023****Light Trap Surveillance:**

Total Mosquitoes Collected-4,423

Total Average Mosquito Collected-52.92425

Total Average Species-3

Total Service Request-131

Larviciding:

Total Inspected sites-139

Total Sites w/larvicide-24

Total Larvicide used-670 oz

Adulticiding:

Total Spray Miles-4,236

Total Acres Treated-154,022.00

Total Gallons Sprayed-992.80

Total Nights Sprayed-114

Aerials:

Aerial Sprays-7

Total Gallons-361

Total Acres-70,989

Ground Adulicide Applications

Start Date: 09/01/2023 End Date: 10/31/2023

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 02B Applications								
September 2023	09/01/2023	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	47.6	41.0	1,490.8	8.0

Total Permanone 30-30 (General Use) Applied: 8.0

Jonesboro Zone 02B Totals: 47.6 41.0 1,490.8 8.0

Jonesboro Zone 04B Applications								
September 2023	09/01/2023	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	46.5	45.1	1,638.0	10.0

Total Permanone 30-30 (General Use) Applied: 10.0

Jonesboro Zone 04B Totals: 46.5 45.1 1,638.0 10.0

Jonesboro Zone 05A Applications								
September 2023	09/20/2023	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	41.1	33.6	1,222.4	7.0

Total Permanone 30-30 (General Use) Applied: 7.0

Jonesboro Zone 05A Totals: 41.1 33.6 1,222.4 7.0

Jonesboro Zone 07 Applications								
September 2023	09/06/2023	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:4	45.8	44.1	1,602.8	9.0

Total Permanone 30-30 (General Use) Applied: 9.0

Vector Disease Control International
2221 N Church St
Jonesboro, AR 72401

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
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Jonesboro Zone 07 Totals: 45.8 44.1 1,602.8 9.0

Jonesboro Zone 08A Applications								
September 2023	09/27/2023	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	34.4	29.7	1,080.3	6.0
Total Permanone 30-30 (General Use) Applied:					34.4	29.7	1,080.3	6.0
Jonesboro Zone 08A Totals:								

Jonesboro Zone 08B Applications								
September 2023	09/08/2023	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	45.4	39.8	1,447.5	8.0
Total Permanone 30-30 (General Use) Applied:					45.4	39.8	1,447.5	8.0
Jonesboro Zone 08B Totals:								
Grand Totals:					260.7	233.3	8,481.7	48.0