

Vector Disease Control, Inc.

Mosquito Surveillance and Control Report

for the

City of Jonesboro

May 2022

2221 N. Church St. Jonesboro, AR 72401

T-855.933.6939 F- 870.933.0122

www.vdci.net





City of Jonesboro Activity Report

May, 2022

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 Brookland. These traps collected an average of **0.00** mosquito per trap night **0** total mosquitoes) during this time. There have been a total of **0** mosquito species collected.

Larval Control Activity

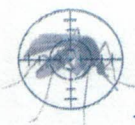
Permanent water, flood water, artificial containers, and drainage system sites are inspected for larval mosquito breeding on a regular basis. In total, **39** sites inspected with **0** sites having mosquito larvae present. As a result of these inspections, 32 ounces of granular BTI (Aquabac 200g) was 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.

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Adult Mosquito Control Activity

In response to community events and mosquito surveillance data, VDCI applied the adulticide on **10** 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 **341.3** spray miles (**12,410.4 acres**) were treated with a total of **78.00** gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to **8** 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 Adulticide Applications

Start Date: 05/01/2022 End Date: 05/31/2022

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 03 Applications								
May 2022	05/31/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	36.0	22.0	799.9	10.0
					Total Permanone 30-30 (General Use) Applied: 10.0			
					Jonesboro Zone 03 Totals: 36.0 22.0 799.9 10.0			

Jonesboro Zone 04B Applications								
May 2022	05/17/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	36.1	35.8	1,300.2	7.0
May 2022	05/27/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	39.1	38.8	1,411.5	7.0
					Total Permanone 30-30 (General Use) Applied: 14.0			
					Jonesboro Zone 04B Totals: 75.3 74.6 2,711.7 14.0			

Jonesboro Zone 05A Applications								
May 2022	05/17/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	50.0	36.0	1,309.0	9.0
					Total Permanone 30-30 (General Use) Applied: 9.0			
					Jonesboro Zone 05A Totals: 50.0 36.0 1,309.0 9.0			

Jonesboro Zone 05B Applications								
May 2022	05/17/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	46.1	26.9	976.3	4.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 05B Applications								
Total Permanone 30-30 (General Use) Applied: 4.0								
Jonesboro Zone 05B Totals: 46.1 26.9 976.3 4.0								
Jonesboro Zone 06 Applications								
May 2022	05/31/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	39.0	38.6	1,404.6	9.0
Total Permanone 30-30 (General Use) Applied: 9.0								
Jonesboro Zone 06 Totals: 39.0 38.6 1,404.6 9.0								
Jonesboro Zone 08A Applications								
May 2022	05/10/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:4	37.4	37.1	1,349.3	7.0
Total Permanone 30-30 (General Use) Applied: 7.0								
Jonesboro Zone 08A Totals: 37.4 37.1 1,349.3 7.0								
Jonesboro Zone 08B Applications								
May 2022	05/31/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	32.7	32.4	1,177.0	7.0
Total Permanone 30-30 (General Use) Applied: 7.0								
Jonesboro Zone 08B Totals: 32.7 32.4 1,177.0 7.0								
Jonesboro Zone 10A Applications								
May 2022	05/17/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	41.6	35.9	1,306.1	12.0
Total Permanone 30-30 (General Use) Applied: 12.0								
Jonesboro Zone 10A Totals: 41.6 35.9 1,306.1 12.0								
Jonesboro Zone 10B Applications								

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
May 2022	05/17/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:4	53.5	37.9	1,376.6	6.0
<i>Total Permanone 30-30 (General Use) Applied: 6.0</i>								
<i>Jonesboro Zone 10B Totals:</i>					53.5	37.9	1,376.6	6.0
<i>Grand Totals:</i>					411.6	341.3	12,410.4	78.0



Service Request Report

Start Date: 05/01/2022 **End Date:** 05/31/2022

Date	Contract	Locality	Contact Info
2022-05-10	Jonesboro	Jonesboro Zone 07 Jonesboro	Karen 2304 Evelyn Lane Jonesboro
Call Description/Instructions: Fog house Resolution: Adulicide Applied			
2022-05-10	Jonesboro	Jonesboro Zone 08A Jonesboro	Paula 1203 W. County Club Jonesboro
Call Description/Instructions: Please spray house for event on 5/10 Resolution: Adulicide Applied			
2022-05-12	Jonesboro	Jonesboro Zone 08B Jonesboro	Katherine 619 Shadow Lane Jonesboro
Call Description/Instructions: Spray with backpack for special even Thursday night. Resolution: Adulicide Applied			
2022-05-13	Jonesboro	Jonesboro Zone 04A Jonesboro	Alexis Smith 325 Dunwoody Jonesboro
Call Description/Instructions: Spray request for outdoor party for graduation on Saturday Resolution: No Action Required			
2022-05-13	Jonesboro	Jonesboro Zone 02A Jonesboro	Shelly Anderson 1312 Nettleton Circle Jonesboro
Call Description/Instructions: Spray for event on Saturday. Both back gates are open so please pray in the back. Resolution: No Action Required			
2022-05-16	Jonesboro	Jonesboro Zone 08A Jonesboro	Encompass 1201 Fleming Avenue Jonesboro
Call Description/Instructions: Resolution: Adulicide Applied			
2022-05-20	Jonesboro	Jonesboro Zone 01 Jonesboro	Patricia Torres 209 Lamesa St. Jonesboro
Call Description/Instructions: Spray for event on Saturday Resolution: No Action Required			
2022-05-20	Jonesboro	Jonesboro Zone 03	Shannon Lewis

Date	Contract	Locality	Contact Info
		Jonesboro	3205 Strawfloor Jonesboro

Call Description/Instructions: Please fog yard good.

Resolution: No Action Required
