

# 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











Control Report

## 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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2 Control Report

### **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

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May 2022         05/31/2022         Jonesboro         Permanone 30-30 (General Use)         1:6         36.0         22.0         799.9         10.0           May 2022         05/31/2022         Jonesboro         Jonesboro Zone 03 Total         Total Permanone 30-30 (General Use)         1:6         36.1         35.8         1,300.2         10.0           May 2022         05/31/2022         Jonesboro         Permanone 30-30 (General Use)         1:6         36.1         35.8         1,300.2         7.0           Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         36.1         35.8         1,411.5         7.0           Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         36.0         1,309.0         9.0           Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2023         36.0         1,309.0         9.0           Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2023         36.0         1,309.0         9.0           Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2022         Jonesboro Zone 05/31/2023         36.0         1,309.0         9.0           Jonesboro Zone	Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Dermanone 30-30 (General Use)   1.6   36.0   22.0   799.9     Annesboro   Total Permanone 30-30 (General Use)   1.6   36.1   35.8   1,300.2     Annesboro   Permanone 30-30 (General Use)   1.6   36.1   35.8   1,300.2     Annesboro   Permanone 30-30 (General Use)   1.6   39.1   38.8   1,411.5     Annesboro   Permanone 30-30 (General Use)   1.6   50.0   36.0   1,309.0     Annesboro   Permanone 30-30 (General Use)   1.6   50.0   36.0   1,309.0     Annesboro   Annesboro	nesboro Zon	e 03 Applicatie	)IIS						
Total Permanone 30-30 (General Use)   Total Permanone 30-30 (General Use)   Applied:   Jonesboro Zone 03 Totals: 36.0   22.0   799.9	May 2022	05/31/2022		Permanone 30-30 (General Use) (432-1235)	1:6	36.0	22.0	799.9	10.0
Jonesboro Zone 03 Totals:         36.0         22.0         799.9           Jonesboro         (432-1235)         1:6         36.1         35.8         1,300.2           Jonesboro         Permanone 30-30 (General Use)         1:6         39.1         38.8         1,411.5           Jonesboro         Jonesboro Zone 04B Totals:         75.3         74.6         2,711.7           Jonesboro         Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Jonesboro         (432-1235)         Total Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Jonesboro         Jonesboro Zone 05A Totals:         50.0         36.0         1,309.0           (432-1235)         Total Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           (432-1235)         Total Permanone 30-30 (General Use)         1:6         26.9         976.3			1		Total Permanor	ne 30-30 (	General Us	e) Applied:	
Conesboro         Permanone 30-30 (General Use)         1:6         36.1         35.8         1,300.2           Conesboro         Permanone 30-30 (General Use)         1:6         39.1         38.8         1,411.5           Jonesboro Cone 04B Totals:         75.3         74.6         2,711.7           Jonesboro         Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Jonesboro         Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Jonesboro         Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Jonesboro         Permanone 30-30 (General Use)         1:6         46.1         26.9         976.3				Jonesboro	Zone 03 Totals:	36.0	22.0	799.9	10.0
Jonesboro         Permanone 30-30 (General Use)         1:6         36.1         35.8         1,300.2           Jonesboro         (432-1235)         Total Permanone 30-30 (General Use)         1:6         39.1         38.8         1,411.5           Jonesboro         Total Permanone 30-30 (General Use)         1:6         5.3         74.6         2,711.7           Jonesboro         Aga-1235)         Total Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Jonesboro         Aga-1235)         Total Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Solos         Aga-1235)         Total Permanone 30-30 (General Use)         1:6         46.1         26.9         976.3	nesboro Zor	te 04B Applica	tions						
onesboro         Permanone 30-30 (General Use)         1:6         39.1         38.8         1,411.5           (432-1235)         Total Permanone 30-30 (General Use) Applied:           Jonesboro Zone 04B Totals:         75.3         74.6         2,711.7           Conesboro         Permanone 30-30 (General Use)         1:6         50.0         36.0         1,309.0           Jonesboro         Jonesboro Zone 05A Totals:         50.0         36.0         1,309.0           Jonesboro         4432-1235)         1:6         46.1         26.9         976.3	May 2022	05/17/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	36.1	35.8	1,300.2	7.0
Total Permanone 30-30 (General Use) Applied:   Jonesboro Zone 04B Totals: 75.3 74.6 2,711.7		05/27/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:6	39.1	38.8	1,411.5	7.0
Jonesboro Zone 04B Totals:         75.3         74.6         2,711.7         1           Jonesboro         Permanone 30-30 (General Use)         1.6         50.0         36.0         1,309.0           Total Permanone 30-30 (General Use)         Total Permanone 30-30 (General Use)         50.0         36.0         1,309.0           Jonesboro Zone 30-30 (General Use)         1.6         46.1         26.9         976.3			1		Total Permano	ne 30-30	(General Us	se) Applied:	
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	May 2022	05/17/2022		Permanone 30-30 (General Use) (432-1235)		46.1	26.9	976.3	4.0

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

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Mix Ratio T	Total Permanone 30-30 (General Use) Applied:	Jonesboro Zone 05B Totals: 4		1:6 3	Total Permanone 30-30 (General Use) Applied:	Jonesboro Zone 06 Totals: 3		1:4 3	Total Permanone 30-30 (General Use) Applied:	Jonesboro Zone 08A Totals:		1:6	Total Permanone 30-30 (General Use) Applied:	Jonesboro Zone 08B Totals:		1:6	Total Permanone 30-30 (General Use) Applied:	Jonesboro Zone 10A Totals:
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Municipality			S	Jonesboro			tions	Jonesboro			ons	Jonesboro			ions	Jonesboro		
Date			Jonesboro Zone 06 Applications	05/31/2022			Jonesboro Zone 08A Applicati	05/10/2022			Jonesboro Zone 08B Applications	05/31/2022			Jonesboro Zone 10A Applications	05/17/2022		
Month			Jonesboro Zon	May 2022			Jones boro Zon	May 2022			Jonesboro Zor	May 2022			Jonesboro Zo	May 2022		

Date	Municipality	Chemical	Mix Ratio Trip Spray Spray Gallons Miles Miles Acres Sprayed	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
05/17/2022	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:4	53.5	37.9	53.5 37.9 1,376.6	6.0
	I		Total Permanone 30-30 (General Use) Applied: 6.0	ne 30-30 (	General Us	e) Applied:	0.9
		Jonesboro Zo	Jonesboro Zone 10B Totals: 53.5 37.9 1,376.6	53.5	37.9	1,376.6	0.9
			Grand Totals: 411.6 341.3 12,410.4	411.6	341.3	12,410.4	78.0

May 2022

Month



# **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	Karen
		Jonesboro	2304 Evelyn Lane Jonesboro
Call Descript	ion/Instructions:	Fog house	
	Resolution:	Adulticide Applied	
2022-05-10	Jonesboro	Jonesboro Zone 08A	Paula
		Jonesboro	1203 W. County Club Jonesboro
Call Descript	ion/Instructions:	Please spray house for event on 5/10	
	Resolution:	Adulticide Applied	
2022-05-12	Jonesboro	Jonesboro Zone 08B	Katherine
		Jonesboro	619 Shadow Lane Jonesboro
Call Descript	tion/Instructions:	Spray with backpack for special even Th	nursday night.
	Resolution:	Adulticide Applied	
2022-05-13	Jonesboro	Jonesboro Zone 04A	Alexis Smith
		Jonesboro	325 Dunwoody Jonesboro
Call Descrip	tion/Instructions:	Spray request for outdoor party for grad	duation on Saturday
	Resolution:	No Action Required	
2022-05-13	Jonesboro	Jonesboro Zone 02A	Shelly Anderson
		Jonesboro	1312 Nettleton Circle Jonesboro
Call Descrip	tion/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	Encompass
		Jonesboro	1201 Fleming Avenue Jonesboro
Call Descrip	tion/Instructions:		
	Resolution:	Adulticide Applied	
2022-05-20	Jonesboro	Jonesboro Zone 01	Patricia Torres
		Jonesboro	209 Lamesa St. Jonesboro
Call Descrip	tion/Instructions:	Spray for event on Saturday	
	Resolution:	No Action Required	
2022-05-20	Jonesboro	Jonesboro Zone 03	Shannon Lewis

Date	Contract	Locality	Contact Info	AND STREET
		Jonesboro	3205 Strawfloor Jonesboro	
Call De	scription/Instructions:	Please fog yard good.		
	Resolution:	No Action Required		