

Sept/Oct 2025 Mosquito Control Report

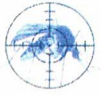


Jonesboro, AR

Prepared by:
Vector Disease Control
2221 North Church
Jonesboro, AR 72401
www.vdci.net
Office: 870-933-6939

Global Leaders in Mosquito Control





City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

September / October 2025

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 **48.0** mosquitoes per trap per night (**1248**) 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, **13** sites were inspected with **5** sites having mosquito larvae present. As a result of these inspections, **280** 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.

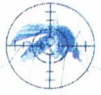


Adult Mosquito Control Activity

2221 N. Church St. Jonesboro, AR 72401

Telephone: 870-933-6939

www.vdci.net



City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

In response to community events and mosquito surveillance data, VDCI applied the adulticide on **35** 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 **1,321.60** spray miles and **48,051.50 acres** were treated with a total of **342** gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to **5** service requests and adulticided all parks, and any special events during the month.

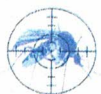
Summary

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.

2221 N. Church St. Jonesboro, AR 72401

Telephone: 870-933-6939

www.vdci.net



City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

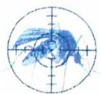
YEAR TO DATE:

	Sept/Oct 2025	Sept Oct 2024
Light Trap Surveillance:		
Total Mosquitos Collected	1248	1189
Total Average Mosquito Collected (Per Trap Per Day)	48	6.46
Total Average Species	3	3
Larviciding:		
Total Inspected Sites	13	65
Total Sites with Larvicide	5	16
Total Larvicide Used (In Ounces)	280	480
Adulticiding:		
Total Spray Miles	1321.6	614.1
Total Acres Treated	48051.5	22,327.90
Total Gallons Sprayed	342	154.3
Total Nights Sprayed	14	10
Aerials:		
Aerial Sprays	0	3
Total Gallons	0	175
Total Acres	0	33,939
Requested Services:	5	56

2221 N. Church St. Jonesboro, AR 72401

Telephone: 870-933-6939

www.vdci.net



City of Jonesboro Activity Report

Mosquito Surveillance and Control Report

2024-2025 END OF SEASON

Vector Disease Control International Year-To-Date Comparison 2024 - 2025 Season		
	YTD 2025	YTD 2024
Light Trap Surveillance:		
Total Mosquitos Collected	8,697	17,392
Total Average Mosquito Collected (Per Trap Per Day)	30.516	61.243
Total Average Species	3	3
Larviciding:		
Total Inspected Sites	217	241
Total Sites with Larvicide	70	73
Total Larvicide Used (In Ounces)	2351	3,176
Adulticiding:		
Total Spray Miles	5,706.30	5,686.80
Total Acres Treated	207,478.90	206,766.60
Total Gallons Sprayed	1486	1297.2
Total Nights Sprayed	62	63
Aerials:		
Aerial Sprays	7	6
Total Gallons	422	409
Total Acres	81,942	79,321
Requested Services:		
	159	199

2221 N. Church St. Jonesboro, AR 72401

Telephone: 870-933-6939

www.vdci.net

Ground Adulicide Applications

Start Date: 09/01/2025 End Date: 10/31/2025

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 01 Applications								
September 2025	09/30/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	36.1	30.8	1,118.1	8.0
Total Permanone 30-30 (General Use) Applied:								8.0
September 2025	09/08/2025	Jonesboro	Perm-X UL 30-30 (General Use) (89459-44)	1:5	48.7	41.7	1,514.4	8.0
Total Perm-X UL 30-30 (General Use) Applied:								8.0
Jonesboro Zone 01 Totals:					84.8	72.4	2,632.5	16.0

Jonesboro Zone 02A Applications								
September 2025	09/10/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	44.6	39.5	1,436.2	11.0
	09/29/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	45.6	37.8	1,375.9	10.0
Total Permanone 30-30 (General Use) Applied:								21.0
Jonesboro Zone 02A Totals:					90.3	77.3	2,812.1	21.0

Jonesboro Zone 02B Applications								
September 2025	09/11/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	55.0	48.0	1,743.5	11.0
October 2025	10/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	42.4	35.6	1,295.5	10.0
Total Permanone 30-30 (General Use) Applied:								21.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
-------	------	--------------	----------	-----------	------------	-------------	-------------	-----------------

Jonesboro Zone 02B Totals: 97.4 83.6 3,039.0 21.0

Jonesboro Zone 03 Applications

September 2025	09/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	69.8	46.3	1,683.8	12.0
	09/16/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	40.9	34.3	1,248.2	8.0

Total Permanone 30-30 (General Use) Applied: 20.0

Jonesboro Zone 03 Totals: 110.6 80.6 2,932.1 20.0

Jonesboro Zone 04A Applications

September 2025	09/10/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	51.5	38.7	1,408.2	10.0
October 2025	10/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	37.5	31.7	1,153.7	5.0

Total Permanone 30-30 (General Use) Applied: 15.0

Jonesboro Zone 04A Totals: 89.0 70.5 2,561.9 15.0

Jonesboro Zone 04B Applications

September 2025	09/10/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	44.0	35.7	1,297.3	8.0
	09/25/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	45.0	37.0	1,345.3	8.0
October 2025	10/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	46.2	29.7	1,081.4	9.0

Total Permanone 30-30 (General Use) Applied: 25.0

Jonesboro Zone 04B Totals: 135.2 102.4 3,724.0 25.0

Jonesboro Zone 05A Applications

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
September 2025	09/03/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	41.3	32.1	1,165.3	8.0
	09/16/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	66.5	40.9	1,485.7	11.0
Total Permanone 30-30 (General Use) Applied:								19.0
Jonesboro Zone 05A Totals:					107.8	72.9	2,651.0	19.0

Jonesboro Zone 05B Applications

September 2025	09/03/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	61.2	48.4	1,759.1	11.0
	09/16/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	41.2	29.8	1,083.5	9.0
Total Permanone 30-30 (General Use) Applied:								20.0
Jonesboro Zone 05B Totals:					102.4	78.2	2,842.6	20.0

Jonesboro Zone 06 Applications

September 2025	09/03/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	56.7	44.5	1,617.7	11.0
	09/22/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	61.9	48.3	1,754.4	10.0
	09/30/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	51.0	35.8	1,300.6	10.0
Total Permanone 30-30 (General Use) Applied:								31.0
Jonesboro Zone 06 Totals:					169.6	128.5	4,672.6	31.0

Jonesboro Zone 07 Applications

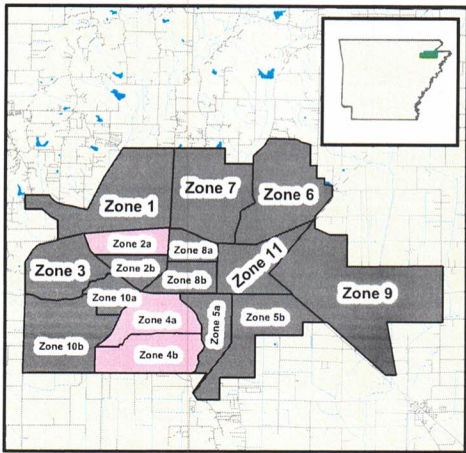
September 2025	09/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	40.2	38.5	1,401.0	10.0
	09/04/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	61.4	49.4	1,795.1	12.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 08A Applications								
	09/11/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	31.4	28.3	1,027.5	7.0
Total Permanone 30-30 (General Use) Applied: 29.0								
Jonesboro Zone 07 Totals:					133.0	116.2	4,223.6	29.0
Jonesboro Zone 08A Applications								
September 2025	09/08/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	37.4	32.8	1,191.5	10.0
	09/29/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	35.9	31.2	1,133.0	9.0
Total Permanone 30-30 (General Use) Applied: 19.0								
Jonesboro Zone 08A Totals:					73.3	63.9	2,324.5	19.0
Jonesboro Zone 08B Applications								
September 2025	09/11/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	35.9	27.1	986.8	6.0
October 2025	10/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	48.0	37.0	1,345.3	10.0
Total Permanone 30-30 (General Use) Applied: 16.0								
Jonesboro Zone 08B Totals:					83.9	64.1	2,332.1	16.0
Jonesboro Zone 09 Applications								
October 2025	10/07/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	66.6	44.2	1,607.5	10.0
Total Permanone 30-30 (General Use) Applied: 10.0								
Jonesboro Zone 09 Totals:					66.6	44.2	1,607.5	10.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro Zone 10A Applications								
September 2025	09/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	38.2	29.0	1,054.8	9.0
	09/18/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	44.6	31.2	1,133.7	10.0
Total Permanone 30-30 (General Use) Applied:								19.0
Jonesboro Zone 10A Totals:					82.8	60.2	2,188.5	19.0

Jonesboro Zone 10B Applications								
September 2025	09/02/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	55.3	40.7	1,478.0	15.0
	09/16/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	67.8	53.8	1,954.7	13.0
	09/30/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	43.1	34.8	1,263.5	10.0
Total Permanone 30-30 (General Use) Applied:								38.0
Jonesboro Zone 10B Totals:					166.1	129.2	4,696.3	38.0

Jonesboro Zone 11 Applications								
September 2025	09/11/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	4,447.0	34.0	1,236.2	10.0
	09/22/2025	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	56.1	43.3	1,575.1	13.0
Total Permanone 30-30 (General Use) Applied:								23.0
Jonesboro Zone 11 Totals:					4,503.1	77.3	2,811.4	23.0
Grand Totals:					6,095.9	1,321.6	48,051.5	342.0



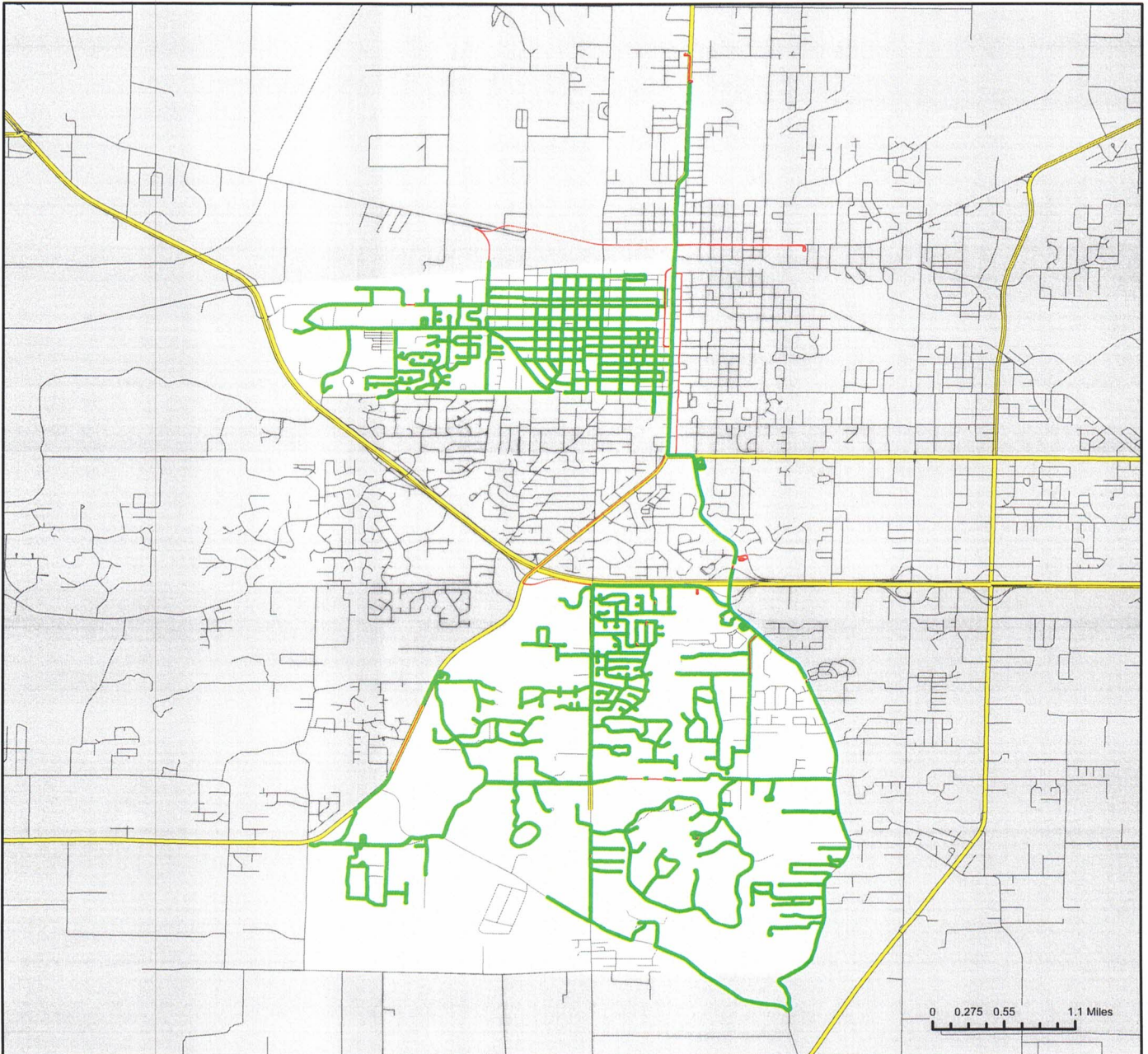
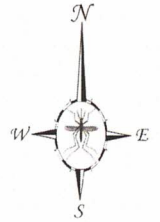
Jonesboro, Arkansas

Ground Adulticide Application Date:
September 10, 2025

Sprayer Status

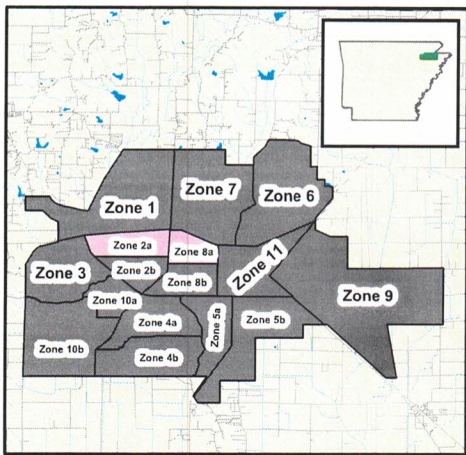
- Spray Off
- Spray On

Chemical: Permanone 30-30
Quantity Used: 34.8 gal
Miles Treated: 113.9
Acres Treated: 4,141.9



VDCI
1320 Brookland Dr., Suite H
Little Rock, AR 72202

These map products were developed for use by VDCI for its internal purposes only and were not designed or intended for general use by members of the public. VDCI makes no representation or warranty as to its accuracy, timeliness, or completeness, and in particular, its accuracy in labeling or displaying dimensions, contours, property boundaries, or placement or location of any map features thereon. © 2025 VDCI. All rights reserved.



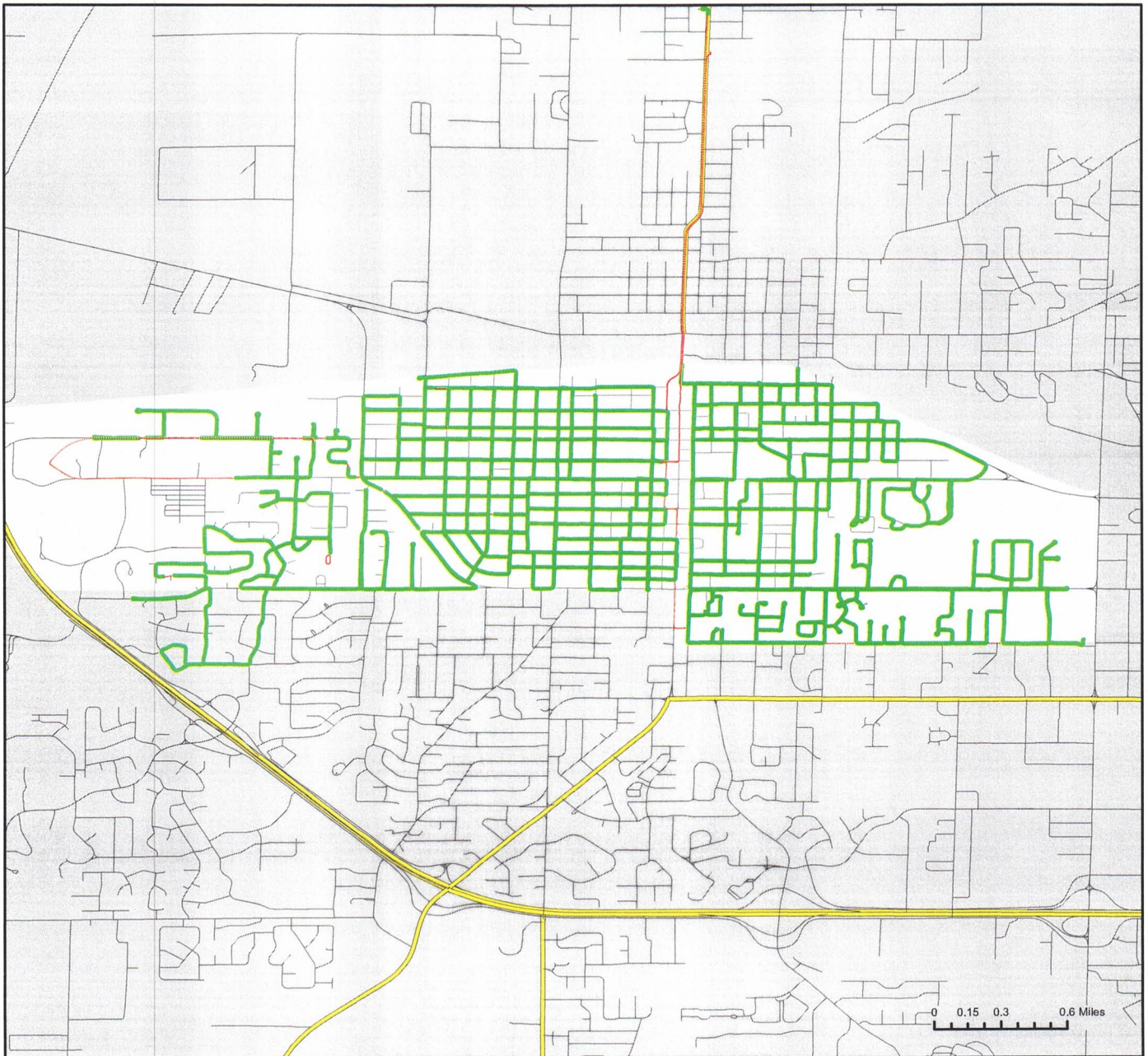
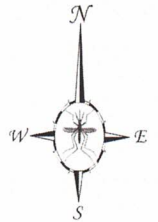
Jonesboro, Arkansas

Ground Adulticide Application Date:
September 29, 2025

Sprayer Status

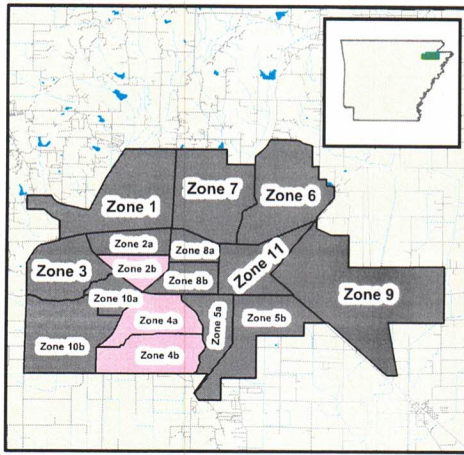
- Spray Off
- Spray On

Chemical: Permanone 30-30
Quantity Used: 20.9 gal
Miles Treated: 69.0
Acres Treated: 2,508.8



VDCI
1320 Brookland Dr., Suite H
Little Rock, AR 72202

These map products were developed for use by VDCI for its internal purposes only and were not designed or intended for general use by members of the public. VDCI makes no representation or warranty as to its accuracy, timeliness, or completeness, and in particular, its accuracy in labeling or displaying dimensions, contours, property boundaries, or placement or location of any map features thereon. © 2025 VDCI. All rights reserved.



Jonesboro, Arkansas

Ground Adulticide Application Date:
October 2, 2025

Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 30-30
Quantity Used: 29.4 gal
Miles Treated: 97.1
Acres Treated: 3,530.5

