

June 2024 Mosquito Control Report

Jonesboro, AR

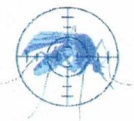


Prepared by:
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City of Jonesboro Activity Report

June 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.

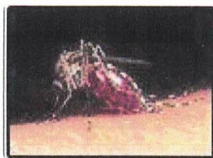
Mosquito Surveillance

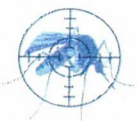
VDCI has utilized a total of **(13)** New Jersey light traps placed in residential and recreational areas throughout Jonesboro. These traps collected an average of **100.868** mosquitoes per trap night (**9,179**) total mosquitoes during this time. There have been a total of **3** mosquito species collected.

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, **59** sites were inspected with **20** sites having mosquito larvae present. As a result of these inspections, **800.00** 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





In response to community events and mosquito surveillance data, VDCI applied the adulticide on **52** 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 **1,864.9** spray miles **67,804.5 acres** were treated with a total of **441.9** gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to **58** 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.

Vector Disease YTD

	May 2023	May 2024	June 2023	June 2024
Light Trap Surveillance:				
Total Mosquitos Collected	29	217	696	9,179
Total Average Mosquito Collected	1.0825	8.346	13.30125	100.868
Total Average Species	2	3	2	3
Larviciding:				
Total Inspected Sites	7	40	81	59
Total Sites with Larvicide	4	0	6	20
Total Larvicide Used (In Ounces)	232	0	15	800
Adulticiding:				
Total Spray Miles	560.5	97.2	1,098.40	1,864.90
Total Acres Treated	20,381.10	3,534.60	39,937.50	67,804.50
Total Gallons Sprayed	105	26.9	298	442
Total Nights Sprayed	7	3	16	17
Aerials:				
Aerial Sprays	0	0	0	0
Total Gallons	0	0	0	0
Total Acres	0	0	0	0
Requested Services:	0	9	51	58

Ground Adulicide Applications

Start Date: 06/01/2024 End Date: 06/30/2024

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Jonesboro								
Jonesboro Zone 01 Applications								
June 2024	06/05/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	42.2	40.0	1,453.7	9.0
	06/12/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	39.1	32.9	1,197.0	9.0
<i>Total Permanone 30-30 (General Use) Applied: 18.0</i>								
June 2024	06/21/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	40.4	34.5	1,254.8	8.0
<i>Jonesboro Zone 01 Totals: 121.6 107.4 3,905.4 8.0 26.0</i>								
Jonesboro Zone 02A Applications								
June 2024	06/10/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	39.6	36.3	1,321.0	7.0
<i>Total Permanone 30-30 (General Use) Applied: 7.0</i>								
June 2024	06/17/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	60.0	49.1	1,786.4	10.0
	06/24/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	49.1	44.7	1,626.0	10.0
	06/25/2024	Jonesboro	CSI 30-30 (53883-298)	1:4	39.2	34.1	1,238.8	7.0
<i>Jonesboro Zone 02A Totals: 187.9 164.3 5,972.1 34.0</i>								

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
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Jonesboro Zone 02B Applications

June 2024	06/05/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:3	49.7	43.3	1,572.2	7.0
	06/07/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	43.2	36.4	1,323.1	8.0
	06/11/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	40.0	34.7	1,260.6	8.0

Total Permanone 30-30 (General Use) Applied: 23.0

June 2024	06/27/2024	Jonesboro	CSI 30-30 (53883-298)	1:3	35.9	29.5	1,072.3	7.0
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Total CSI 30-30 Applied: 7.0

Jonesboro Zone 02B Totals: 168.8 143.8 5,228.2 30.0

Jonesboro Zone 03 Applications

June 2024	06/07/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	42.2	32.8	1,192.2	8.0
June 2024	06/18/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	63.1	31.3	1,139.2	9.0
June 2024	06/26/2024	Jonesboro	CSI 30-30 (53883-298)	1:4	44.2	34.0	1,235.5	7.0

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

Total CSI 30-30 Applied: 16.0

Jonesboro Zone 03 Totals: 149.6 98.1 3,566.9 24.0

Jonesboro Zone 04A Applications

June 2024	06/07/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	56.5	43.7	1,587.5	10.0
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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
	06/11/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	56.5	43.7	1,587.5	15.0

Total Permanone 30-30 (General Use) Applied: 25.0								
June 2024	06/25/2024	Jonesboro	CSI 30-30 (53883-298)	1:4	98.0	27.8	1,011.9	8.0
	06/28/2024	Jonesboro	CSI 30-30 (53883-298)	1:3	56.5	43.7	1,587.5	11.0

Total CSI 30-30 Applied: 19.0									
					Jonesboro Zone 04A Totals:	267.5	158.8	5,774.3	44.0

Jonesboro Zone 04B Applications

June 2024	06/06/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	45.2	13.8	500.7	2.0
June 2024	06/14/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	58.0	43.1	1,568.6	10.0
	06/27/2024	Jonesboro	CSI 30-30 (53883-298)	1:3	62.6	36.6	1,330.1	20.4

Total Permanone 30-30 (General Use) Applied: 2.0									
					Jonesboro Zone 04B Totals:	165.7	93.5	3,399.3	30.4

Jonesboro Zone 05A Applications

June 2024	06/06/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	40.9	30.3	1,101.3	7.0
June 2024	06/14/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	47.2	35.2	1,279.9	7.0
	06/21/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	43.7	32.2	1,169.3	6.0

Total Permanone 30-30 (General Use) Applied: 7.0									
					Jonesboro Zone 05A Totals:	131.8	107.7	3,540.5	20.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
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Total CSI 30-30 Applied: 13.0

Jonesboro Zone 05A Totals: 131.8 97.7 3,550.6 20.0

Jonesboro Zone 05B Applications

June 2024	06/07/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	48.7	40.7	1,478.8	8.0
	06/12/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	49.9	36.2	1,316.6	8.0
Total Permanone 30-30 (General Use) Applied: 16.0								
June 2024	06/27/2024	Jonesboro	CSI 30-30 (53883-298)	1:4	46.2	34.4	1,251.2	7.0
Total CSI 30-30 Applied: 7.0								

Jonesboro Zone 05B Totals: 144.8 111.3 4,046.5 23.0

Jonesboro Zone 06 Applications

June 2024	06/14/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	40.0	30.7	1,115.9	9.0
	06/19/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	46.6	41.7	1,517.3	8.0
	06/27/2024	Jonesboro	CSI 30-30 (53883-298)	1:3	42.2	41.8	1,520.9	15.5
Total CSI 30-30 Applied: 32.5								

Jonesboro Zone 06 Totals: 128.8 114.3 4,154.1 32.5

Jonesboro Zone 07 Applications

June 2024	06/06/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	34.7	34.2	1,242.8	10.0
Total Permanone 30-30 (General Use) Applied: 10.0								

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
June 2024	06/17/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	26.5	23.7	860.6	11.0

Total CSI 30-30 Applied: 11.0

Jonesboro Zone 07 Totals: 61.1 57.9 2,103.4 21.0

Jonesboro Zone 08A Applications

June 2024	06/06/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	58.3	51.7	1,878.4	9.0
June 2024	06/19/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	38.0	24.8	903.2	8.0
June 2024	06/28/2024	Jonesboro	CSI 30-30 (53883-298)	1:3	52.4	44.3	1,610.0	8.0

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

Total CSI 30-30 Applied: 16.0

Jonesboro Zone 08A Totals: 148.7 120.8 4,391.6 25.0

Jonesboro Zone 08B Applications

June 2024	06/12/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	52.2	42.7	1,552.6	9.0
June 2024	06/18/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	55.7	45.1	1,638.0	11.0
June 2024	06/20/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	38.7	34.6	1,258.4	9.0
June 2024	06/24/2024	Jonesboro	CSI 30-30 (53883-298)	1:4	41.9	33.9	1,231.9	8.0
June 2024	06/25/2024	Jonesboro	CSI 30-30 (53883-298)	1:4	96.0	29.2	1,061.7	5.0

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

Total CSI 30-30 Applied: 33.0

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
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Jonesboro Zone 08B Totals: 284.5 185.4 6,742.6 42.0

Jonesboro Zone 09 Applications								
June 2024	06/19/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	67.6	50.6	1,840.9	8.0
	06/21/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	51.2	39.9	1,451.5	9.0
	06/27/2024	Jonesboro	CSI 30-30 (53883-298)	1:3	51.8	41.2	1,498.8	8.0
					Total CSI 30-30 Applied: 25.0			
					Jonesboro Zone 09 Totals: 170.6 131.8 4,791.2 25.0			

Jonesboro Zone 10A Applications								
June 2024	06/10/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	32.1	26.7	969.7	6.0
June 2024	06/18/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	31.4	27.4	995.5	0.0
	06/24/2024	Jonesboro	CSI 30-30 (53883-298)	1:4	50.0	25.2	916.3	5.0
	06/28/2024	Jonesboro	CSI 30-30 (53883-298)	1:3	43.0	30.7	1,114.4	7.0
					Total Permanone 30-30 (General Use) Applied: 6.0			
					Total CSI 30-30 Applied: 12.0			
					Jonesboro Zone 10A Totals: 156.5 109.9 3,996.0 18.0			

Jonesboro Zone 10B Applications								
June 2024	06/05/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	57.4	30.7	1,115.2	10.0
	06/10/2024	Jonesboro	Permanone 30-30 (General Use) (432-1235)	1:5	43.3	32.8	1,193.3	15.0

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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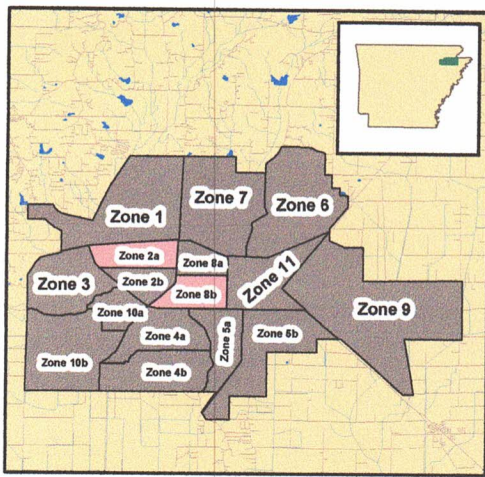
<i>Total Permethane 30-30 (General Use) Applied: 25.0</i>								
June 2024	06/11/2024	Jonesboro	Perm-X UL 30-30 (General Use) (89459-44)	1:5	74.0	39.2	1,426.4	8.0
<i>Total Perm-X UL 30-30 (General Use) Applied: 8.0</i>								
<i>Jonesboro Zone 10B Totals: 174.7 102.7 3,734.9 33.0</i>								

Jonesboro Zone 11 Applications

June 2024	06/12/2024	Jonesboro	Permethane 30-30 (General Use) (432-1235)	1:5	32.7	22.2	808.3	10.0
<i>Total Permethane 30-30 (General Use) Applied: 10.0</i>								
June 2024	06/20/2024	Jonesboro	CSI 30-30 (53883-298)	1:5	55.6	45.1	1,639.1	2.0
<i>Total CSI 30-30 Applied: 2.0</i>								
<i>Jonesboro Zone 11 Totals: 88.3 67.3 2,447.4 12.0</i>								
<i>Grand Totals: 2,550.8 1,864.9 67,804.5 441.9</i>								

Jonesboro, Arkansas

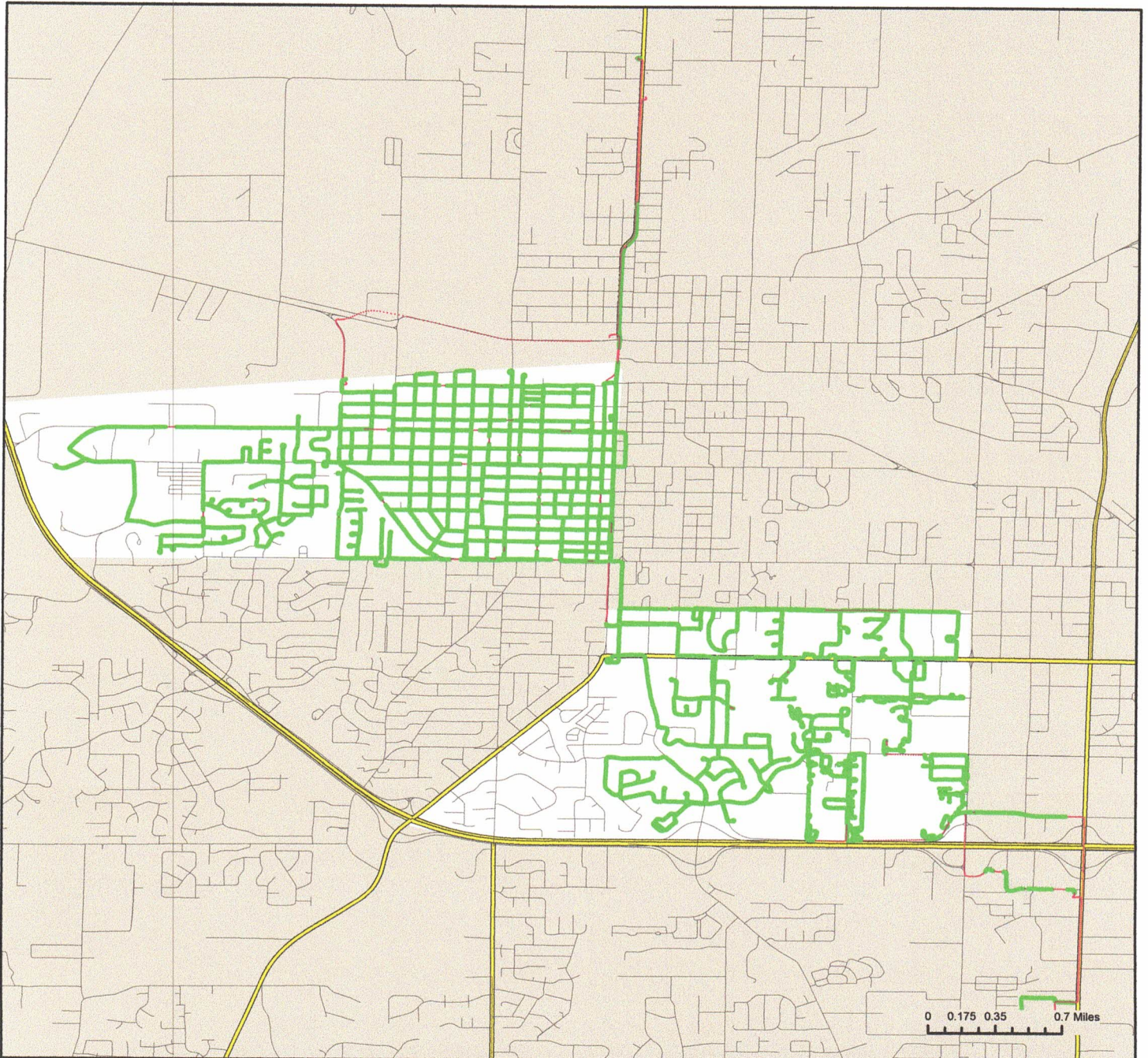
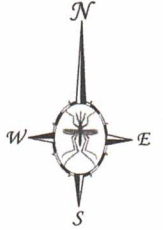
Ground Adulticide Application Date:
June 24, 2024



Sprayer Status

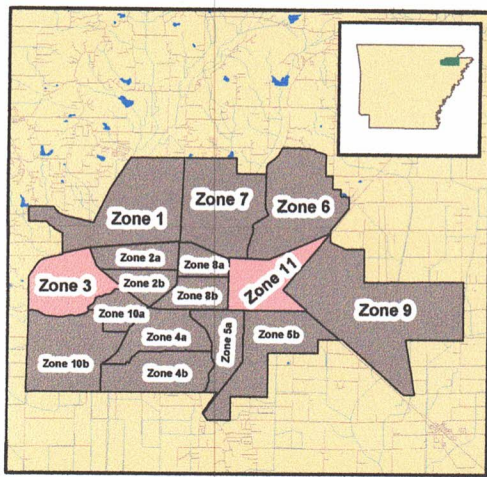
- Spray Off
- Spray On

Chemical: CSI 30-30
Quantity Used: 20.4 gal
Miles Treated: 78.6
Acres Treated: 2,857.8



Jonesboro, Arkansas

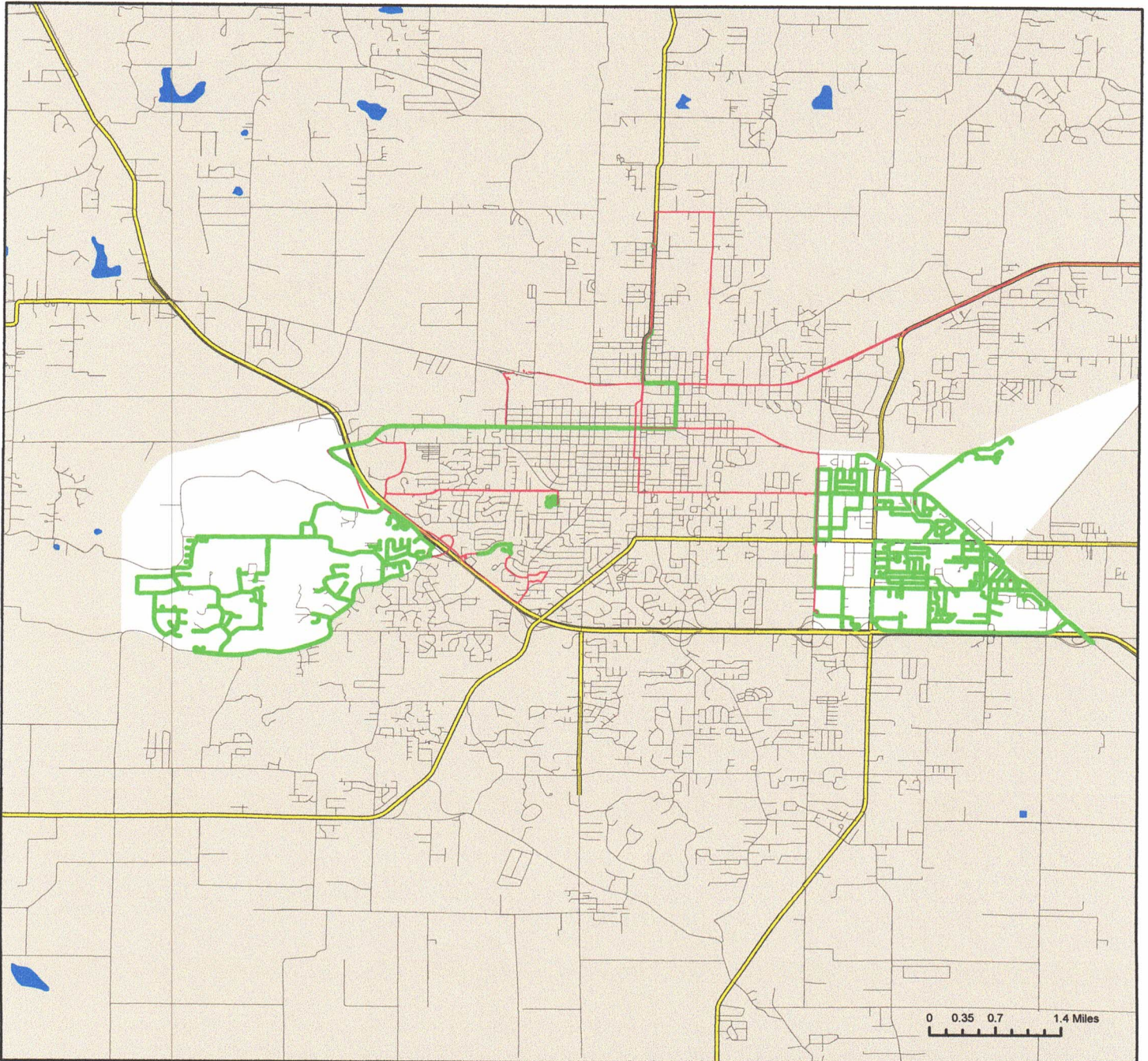
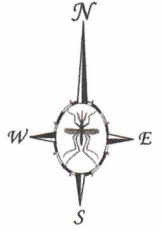
Ground Adulticide Application Date:
June 20, 2024



Sprayer Status

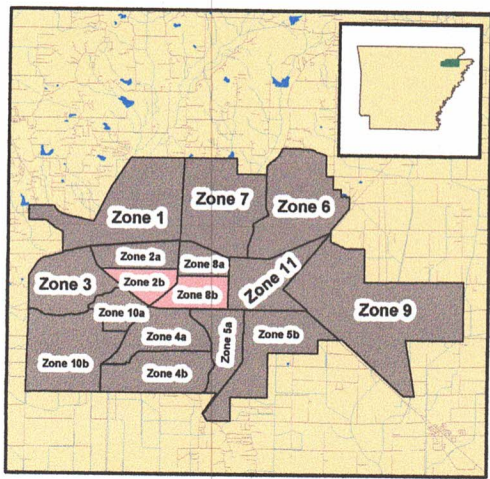
- Spray Off
- Spray On

Chemical: CSI 30-30
Quantity Used: 15.3 gal
Miles Treated: 76.4
Acres Treated: 2,778.2



Jonesboro, Arkansas

Ground Adulticide Application Date:
June 18, 2024



Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 30-30
Quantity Used: 15.6 gal
Miles Treated: 45.1
Acres Treated: 1,638.1

