



Vector Disease Control, Inc.

Mosquito Surveillance and Control Report

for the

**City of Jonesboro**

**August 2015**

2221 N. Church St. Jonesboro, AR 72401

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[www.vdci.net](http://www.vdci.net)





## ***City of Jonesboro Activity Report***

August 2015

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 thirteen (13) New Jersey light traps placed in residential and recreational areas throughout Jonesboro during this reporting period. These traps collected an average of 31.7 mosquitoes per trap night (1,236 total mosquitoes) during this time. There have been a total of 3 mosquito species collected, with *Anopheles quadrimaculatus* being the most predominant species.

### **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, 53 site inspections found the presence of mosquito larvae. As a result of these inspections 76.0 ounces of the larvicide Aquabac 200G was applied to these mosquito breeding sites. Additionally, VDCI is continuing to eliminate breeding habitats for artificial container mosquitoes by targeting bird baths, buckets, tires, etc.

*Report***ADULT MOSQUITO CONTROL ACTIVITY**

In response to community events and mosquito surveillance data, VDCI applied adulticide (17) truck night 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 1,040.2 spray miles (36,482.7 acres) were treated with a total of 238.9 gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to 39 service request and adulticided all parks and special events during this month.

**Summary**

During 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. Based on recent weather conditions VDCI expects the trend of routine adulticiding and larviciding to continue. However, 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 870.933.6939.



# Adult Mosquito Surveillance Report

Start Date: 8/1/2015

End Date: 8/31/2015

Jonesboro

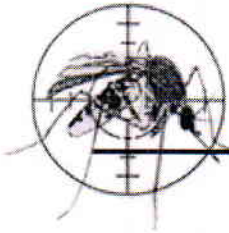
Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
<b>Treatment Area 1 Collections</b>				
Arrow Head Road	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
			<i>Psorophora columbiae</i>	4
				<b>Trap Total</b> 22 (Avg. 22)
Arrowhead Rd.	8/17/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	14
Arrowhead Rd.	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	6
			<i>Anopheles quadrimaculatus</i>	12
			<i>Psorophora columbiae</i>	5
				<b>Trap Total</b> 37 (Avg. 18.5)
Shady Lane	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	62
Shady Lane	8/17/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	13
Shady Lane	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	40
			<i>Anopheles quadrimaculatus</i>	60
				<b>Trap Total</b> 175 (Avg. 58.3)
<b>Treatment Area 2 Collections</b>				
Strawfloor	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	23
Strawfloor	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	6
			<i>Anopheles quadrimaculatus</i>	18
Strawfloor	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	36
			<i>Psorophora columbiae</i>	6
				<b>Trap Total</b> 101 (Avg. 33.7)
<b>Treatment Area 3 Collections</b>				
Ridge Pointe	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	8
			<i>Anopheles quadrimaculatus</i>	14
Ridge Pointe	8/24/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
			<i>Psorophora columbiae</i>	6
				<b>Trap Total</b> 46 (Avg. 23)
Ridgepoint	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18

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Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
				<b>Trap Total</b> 18 (Avg. 18)
<b>Treatment Area 4 Collections</b>				
Part Ridge	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	23
Part Ridge	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	14
			<i>Anopheles quadrimaculatus</i>	46
Part Ridge	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	24
			<i>Psorophora columbiae</i>	8
				<b>Trap Total</b> 127 (Avg. 42.3)
<b>Treatment Area 5 Collections</b>				
Derby Dr.	8/24/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	19
			<i>Psorophora columbiae</i>	5
				<b>Trap Total</b> 24 (Avg. 24)
Derby Drive	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	11
				<b>Trap Total</b> 11 (Avg. 11)
Frog Pond	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	15
Frog Pond	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	13
			<i>Anopheles quadrimaculatus</i>	31
Frog Pond	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	4
			<i>Anopheles quadrimaculatus</i>	16
				<b>Trap Total</b> 79 (Avg. 26.3)
<b>Treatment Area 6 Collections</b>				
Oakhill	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	31
Oakhill	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	11
			<i>Anopheles quadrimaculatus</i>	23
Oakhill	8/24/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	38
				<b>Trap Total</b> 103 (Avg. 34.3)
Pleasant View	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	22
Pleasant View	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	8
			<i>Anopheles quadrimaculatus</i>	17
Pleasant View	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	14
			<i>Anopheles quadrimaculatus</i>	36
				<b>Trap Total</b> 97 (Avg. 32.3)



Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
<b>Treatment Area 8 Collections</b>				
Briarcrest	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	12
Briarcrest	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	17
Briarcrest	8/24/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
<b>Trap Total</b>				59 (Avg. 19.7)
Matthew	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	17
Matthew	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	51
<b>Trap Total</b>				80 (Avg. 40)
Matthews	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	16
			<i>Anopheles quadrimaculatus</i>	48
<b>Trap Total</b>				64 (Avg. 64)
<b>Treatment Area 9 Collections</b>				
Cottage Home Rd.	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	56
Cottage Home Rd.	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	6
			<i>Anopheles quadrimaculatus</i>	21
<b>Trap Total</b>				95 (Avg. 47.5)
Cottage Home Road	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	21
<b>Trap Total</b>				21 (Avg. 21)
Derby Dr.	8/17/2015	NJ Light Trap	<i>Aedes vexans</i>	8
			<i>Anopheles quadrimaculatus</i>	16
<b>Trap Total</b>				24 (Avg. 24)
<b>Treatment Area 10 Collections</b>				
Quail Ridge	8/6/2015	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	17
Quail Ridge	8/17/2015	NJ Light Trap	No Mosquitoes	0
Quail Ridge	8/24/2015	NJ Light Trap	<i>Aedes vexans</i>	11
			<i>Anopheles quadrimaculatus</i>	25
<b>Trap Total</b>				53 (Avg. 17.7)
<b>Overall Trap Total</b>				1,236
<b>Overall Trap Average</b>				31.7



# Larval Surveillance Data

Start Date: 8/1/2015

End Date: 8/31/2015

## Jonesboro

Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
<b>Treatment Area 1 Sites Inspected</b>						
8/24/2015	1100 Blankenship Rd.	Ditch	0	No		
	1206 Blankenship Rd.	Ditch	0	No		
	1206 Floyd St.	Ditch	25	Yes		
	1702 Duncan Rd.	Ditch	0	No		
	1818 Arrowhead Farm Rd.	Ditch	0	No		
	200 Bearden Dr.	Ditch	0	No		
	200 CWL	Ditch	0	No		
	200 Lacy Dr.	Ditch	0	Yes		
	202 Best Industrial Dr.	Ditch	15	Yes		
	2100 Arrowhead Farm Rd.	Ditch	0	No		
	305 Floyd St.	Ditch	0	No		
<b>Total Sites Inspected in Zone 1: 11</b>						
<b>Treatment Area 4 Sites Inspected</b>						
8/26/2015	1000 Brownstone	Ditch	9	Yes		
	2131 Valley View Dr.	Ditch	0	No		
	3600 Harrisburg Rd.	Ditch	0	No		
	3700 S. Culberhouse	Ditch	12	Yes		
	3716 Plantation Circle	Ditch	10	Yes		
	401 Brookstone	Ditch	9	Yes		
	402 Green Meadow Lane	Ditch	0	No		
	4519 S. Culberhouse	Ditch	10	Yes		
	5400 Crowley Ridge Rd.	Ditch	0	No		
	900 Craighead Forest Rd.	Ditch	0	No		

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<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>No. Dipped</b>	<b>Larvicided</b>	<b>Mosquito Species</b>	<b>No. ID'd</b>
<b>Total Sites Inspected in Zone 4: 10</b>						
<b>Treatment Area 7 Sites Inspected</b>						
8/24/2015	1309 DayBreak Dr.	Ditch	0	Yes		
	1600 Tonya Dr.	Ditch	0	No		
	1804 Mitzi Lane	Ditch	0	No		
	1913 Prescott Lane	Ditch	0	No		
	2100 Warren St.	Ditch	0	No		
	215 Center St.	Ditch	0	No		
	215 Day Break Dr.	Ditch	0	No		
	700 Jonathan	Ditch	0	No		
	905 Johnathan	Ditch	0	Yes		
<b>Total Sites Inspected in Zone 7: 9</b>						
<b>Treatment Area 9 Sites Inspected</b>						
8/13/2015	2400 Greatdane	Ditch	9	Yes		
	2800 Barnhill Rd.	Ditch	12	Yes		
	5504 Krueger	Ditch	10	Yes		
	7410 Stanley Rd.	Ditch	9	Yes		
	8000 Highland Dr.	Ditch	10	Yes		
	8001 CW Post Rd.	Ditch	12	Yes		
	Ely Walker Rd.	Ditch	15	Yes		
	Nestle Rd.	Ditch	18	Yes		
<b>Total Sites Inspected in Zone 9: 8</b>						
<b>Treatment Area 10 Sites Inspected</b>						
8/24/2015	1817 Covey Rd.	Ditch	0	No		
	1900 Stillwater Dr.	Ditch	0	No		
	2000 Neely Rd.	Ditch	0	No		
	2700 Paula Dr.	Ditch	15	Yes		
	2904 Covey Dr.	Ditch	0	No		
	3800 Neely Lane	Ditch	0	No		



<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>No. Dipped</b>	<b>Larvicided</b>	<b>Mosquito Species</b>	<b>No. ID'd</b>
8/24/2015	3900 Flemon Rd.	Ditch	10	Yes		
	5100 Deerfield Dr.	Ditch	0	No		
	5116 HWY 226 Spur	Ditch	10	Yes		
	5200 Friendly Hope Rd.	Ditch	12	Yes		
	5300 Wilkinson Dr.	Ditch	18	Yes		
	5400 Maple ValleyDr.	Ditch	0	No		
	5700 Wimpy Lane	Ditch	0	No		
	6103 Southwest Dr.	Ditch	0	No		
	6200 Adam Dr.	Ditch	0	No		

**Total Sites Inspected in Zone 10: 15**



# Larvicide Applications

Start Date: 8/1/2015

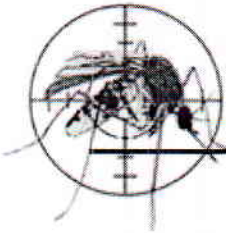
End Date: 8/31/2015

## Jonesboro

Date	Location	Habitat	No. of Larvae	Larvicide	Amount Applied (oz.)	Area Treated (sq ft)
<b>Treatment Area 1 Applications</b>						
8/24/2015	1206 Floyd St.	Ditch	25	Aquabac 200G (62637-3)	4.0	100.0
	200 Lacy Dr.	Ditch	0	Aquabac 200G (62637-3)	4.0	50.0
	202 Best Industrial Dr.	Ditch	15	Aquabac 200G (62637-3)	4.0	35.0
<b>Total Ounces Applied:</b>					12.0	185.0
						0.0 acres
<b>Total Larvicide Applied in Zone 1:</b>					12.0	185.0
						0.0 acres
<b>Treatment Area 4 Applications</b>						
8/26/2015	1000 Brownstone	Ditch	9	Aquabac 200G (62637-3)	4.0	3.0
	3700 S. Culberhouse	Ditch	12	Aquabac 200G (62637-3)	4.0	3.0
	3716 Plantation Circle	Ditch	10	Aquabac 200G (62637-3)	4.0	3.0
	401 Brookstone	Ditch	9	Aquabac 200G (62637-3)	4.0	3.0
	4519 S. Culberhouse	Ditch	10	Aquabac 200G (62637-3)	4.0	3.0
<b>Total Ounces Applied:</b>					20.0	15.0
						0.0 acres
<b>Total Larvicide Applied in Zone 4:</b>					20.0	15.0
						0.0 acres
<b>Treatment Area 7 Applications</b>						
8/24/2015	1309 DayBreak Dr.	Ditch	0	Aquabac 200G (62637-3)	4.0	25.0
	905 Johnathan	Ditch	0	Aquabac 200G (62637-3)	4.0	50.0
<b>Total Ounces Applied:</b>					8.0	75.0
						0.0 acres
<b>Total Larvicide Applied in Zone 7:</b>					8.0	75.0
						0.0 acres

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Date	Location	Habitat	No. of Larvae	Larvicide	Amount Applied (oz.)	Area Treated (sq ft)
<b>Treatment Area 9 Applications</b>						
8/13/2015	2400 Greatdane	Ditch	9	Aquabac 200G (62637-3)	2.0	4.0
	2800 Barnhill Rd.	Ditch	12	Aquabac 200G (62637-3)	2.0	3.0
	5504 Krueger	Ditch	10	Aquabac 200G (62637-3)	2.0	4.0
	7410 Stanley Rd.	Ditch	9	Aquabac 200G (62637-3)	2.0	3.0
	8000 Highland Dr.	Ditch	10	Aquabac 200G (62637-3)	2.0	3.0
	8001 CW Post Rd.	Ditch	12	Aquabac 200G (62637-3)	2.0	4.0
	Ely Walker Rd.	Ditch	15	Aquabac 200G (62637-3)	2.0	3.0
	Nestle Rd.	Ditch	18	Aquabac 200G (62637-3)	2.0	3.0
<b>Total Ounces Applied:</b>					16.0	27.0
						0.0 acres
<b>Total Larvicide Applied in Zone 9:</b>					16.0	27.0
						0.0 acres
<b>Treatment Area 10 Applications</b>						
8/24/2015	2700 Paula Dr.	Ditch	15	Aquabac 200G (62637-3)	4.0	3.0
	3900 Flemon Rd.	Ditch	10	Aquabac 200G (62637-3)	4.0	3.0
	5116 HWY 226 Spur	Ditch	10	Aquabac 200G (62637-3)	4.0	3.0
	5200 Friendly Hope Rd.	Ditch	12	Aquabac 200G (62637-3)	4.0	3.0
	5300 Wilkinson Dr.	Ditch	18	Aquabac 200G (62637-3)	4.0	3.0
<b>Total Ounces Applied:</b>					20.0	15.0
						0.0 acres
<b>Total Larvicide Applied in Zone 10:</b>					20.0	15.0
						0.0 acres
<b>Overall Total Ounces Applied</b>					76.0	317.0
						0.0 acres



# Service Request Larvicide Applications

**Start Date:** 8/1/2015

**End Date:** 8/31/2015

## Jonesboro

Date	Location	Habitat	Larvicide	Amount Applied (ounces)	Area Treated (sq ft)
<b>Treatment Area 0 Applications</b>					
8/13/2015	4308 Kellers Chapel Rd.			0.00	0.0
	1810 E. Lawson Rd.			0.00	0.0
	1815 Broadmoore			0.00	0.0
8/24/2015				0.00	0.0
8/31/2015	2405 Stadium			0.00	0.0
				<b>Total Applied:</b>	0.00
					0.0 acres
				<b>Total Larvicide Applied in Zone 0:</b>	0.00
					0.0 acres
<b>Treatment Area 1 Applications</b>					
8/13/2015	214 Purnell Lane			0.00	0.0
				<b>Total Applied:</b>	0.00
					0.0 acres
				<b>Total Larvicide Applied in Zone 1:</b>	0.00
					0.0 acres
<b>Treatment Area 2 Applications</b>					
8/24/2015	710 Melton			0.00	0.0
8/26/2015	1601 James St.			0.00	0.0
				<b>Total Applied:</b>	0.00
					0.0 acres
				<b>Total Larvicide Applied in Zone 2:</b>	0.00
					0.0 acres
<b>Treatment Area 3 Applications</b>					
8/6/2015	2510 Ridgepoint Drive/Golf Course			0.00	0.0
8/11/2015	3824 Casey Springs Road			0.00	0.0

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<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>Larvicide</b>	<b>Amount Applied (ounces)</b>	<b>Area Treated (sq ft)</b>
8/8/2015	3824 Casey Springs Road			0.00	0.0
8/13/2015				0.00	0.0
8/17/2015	3205 Strawfloor			0.00	0.0
				<b>Total Applied:</b>	0.00 0.0 acres
				<b>Total Larvicide Applied in Zone 3:</b>	0.00 0.0 acres
<b>Treatment Area 4 Applications</b>					
8/14/2015	2906 Bermuda Dr.			0.00	0.0
8/21/2015	4424 Jenni Lane			0.00	0.0
				<b>Total Applied:</b>	0.00 0.0 acres
				<b>Total Larvicide Applied in Zone 4:</b>	0.00 0.0 acres
<b>Treatment Area 5 Applications</b>					
8/24/2015	1800 Fox Meadow Lane			0.00	0.0
				<b>Total Applied:</b>	0.00 0.0 acres
				<b>Total Larvicide Applied in Zone 5:</b>	0.00 0.0 acres
<b>Treatment Area 6 Applications</b>					
8/12/2015	2024 Greenway Lane			0.00	0.0
8/25/2015	4003 Brenda			0.00	0.0
				<b>Total Applied:</b>	0.00 0.0 acres
				<b>Total Larvicide Applied in Zone 6:</b>	0.00 0.0 acres
<b>Treatment Area 8 Applications</b>					
8/11/2015	1201 Fleming Ave			0.00	0.0
8/14/2015	1415 Hidden Cove			0.00	0.0
8/13/2015	2504 Rosewood			0.00	0.0



<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>Larvicide</b>	<b>Amount Applied (ounces)</b>	<b>Area Treated (sq ft)</b>
8/17/2015	108 East Gordon St.			0.00	0.0
8/18/2015	1201 Fleming Ave.			0.00	0.0
8/21/2015	1409 Kitchen Court			0.00	0.0
	1415 Hidden Cove			0.00	0.0
	2305 Bernard St.			0.00	0.0
8/24/2015	1409 Kitchen Court			0.00	0.0
	2305 Bernard St.			0.00	0.0
8/28/2015	313 State St. Apt. 12			0.00	0.0
	2201 Rains			0.00	0.0
8/31/2015	313 Statte St. Apt. #12			0.00	0.0
	1903 Metzler			0.00	0.0
<b>Total Applied:</b>				<b>0.00</b>	<b>0.0</b> <i>0.0 acres</i>
<b>Total Larvicide Applied in Zone 8:</b>				<b>0.00</b>	<b>0.0</b> <i>0.0 acres</i>
<b>Treatment Area 9 Applications</b>					
8/3/2015	4708 Samantha Street			0.00	0.0
	2208 Barnhill Road			0.00	0.0
	2204 Barnhill Road			0.00	0.0
8/11/2015	4708 Samantha			0.00	0.0
<b>Total Applied:</b>				<b>0.00</b>	<b>0.0</b> <i>0.0 acres</i>
<b>Total Larvicide Applied in Zone 9:</b>				<b>0.00</b>	<b>0.0</b> <i>0.0 acres</i>
<b>Treatment Area 11 Applications</b>					
8/3/2015	3014 Pine Field Cove B			0.00	0.0
8/11/2015	1900 Kathleen			0.00	0.0
8/17/2015	1900 Kathleen			0.00	0.0

Date	Location	Habitat	Larvicide	Amount Applied (ounces)	Area Treated (sq ft)
				<i>Total Applied:</i>	0.0 0.0 acres
				<i>Total Larvicide Applied in Zone 11:</i>	0.0 0.0 acres
				<i>Overall Total Ounces Applied</i>	0.0 0.0 acres



# Service Request Adulticide Applications

**Start Date:** 8/1/2015

**End Date:** 8/31/2015

## Jonesboro

Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
<b>Treatment Area 0 Applications</b>					
8/12/2015	4308 Kellers Chapel Rd.	Permanone 31-66 (432-1250)	1:5	42.0	0.50 acres
8/12/2015	1810 E. Lawson Rd.	Permanone 31-66 (432-1250)	1:5	48.0	4.00 acres
8/12/2015	1815 Broadmoore	Permanone 31-66 (432-1250)	1:5	36.0	0.50 acres
8/21/2015		Permanone 31-66 (432-1250)	1:5	96.0	15.00 acres
8/31/2015	2405 Stadium	Permanone 31-66 (432-1250)	1-3	42.0	5.00 acres
<b>Total Permanone 31-66 Applied:</b>				264.0 (2.1 gals)	25.00 acres
<b>Treatment Area 1 Applications</b>					
8/12/2015	214 Purnell Lane	Permanone 31-66 (432-1250)	1:5	27.0	1.00 acres
<b>Total Permanone 31-66 Applied:</b>				27.0 (0.2 gals)	1.00 acres
<b>Treatment Area 2 Applications</b>					
8/24/2015	710 Melton	Permanone 31-66 (432-1250)	1:5	30.0	0.25 acres
8/26/2015	1601 James St.	Permanone 31-66 (432-1250)	1:5	30.0	1.00 acres
<b>Total Permanone 31-66 Applied:</b>				60.0 (0.5 gals)	1.25 acres
<b>Treatment Area 3 Applications</b>					
8/5/2015	2510 Ridgepoint Drive/Golf Course	Kontrol 31-67 (73748-6)	1-5	240.0	5.00 acres
8/6/2015	3824 Casey Springs Road	Kontrol 31-67 (73748-6)	1:5	60.0	3.00 acres
8/6/2015	3824 Casey Springs Road	Kontrol 31-67 (73748-6)	1:5	120.0	47.00 acres
<b>Total Kontrol 31-67 Applied:</b>				420.0 (3.3 gals)	55.00 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
8/12/2015		Permanone 31-66 (432-1250)	1:5	180.0	45.00 acres
8/17/2015	3205 Strawfloor	Permanone 31-66 (432-1250)	1:5	30.0	10.00 acres
				<b>Total Permanone 31-66 Applied:</b>	210.0 (1.6 gals)
<b>Treatment Area 4 Applications</b>					
8/14/2015	2906 Bermuda Dr.	Permanone 31-66 (432-1250)	1:5	24.0	0.25 acres
				<b>Total Permanone 31-66 Applied:</b>	24.0 (0.2 gals)
8/21/2015	4424 Jenni Lane	Wisdom (5481-520)	1/2 oz. Per ga	64.0	0.75 acres
				<b>Total Wisdom Applied:</b>	64.0 (0.5 gals)
<b>Treatment Area 5 Applications</b>					
8/24/2015	1800 Fox Meadow Lane	Permanone 31-66 (432-1250)	1:6	30.0	0.50 acres
				<b>Total Permanone 31-66 Applied:</b>	30.0 (0.2 gals)
<b>Treatment Area 6 Applications</b>					
8/11/2015	2024 Greenway Lane	Permanone 31-66 (432-1250)	1:5	48.0	2.00 acres
8/25/2015	4003 Brenda	Permanone 31-66 (432-1250)	1:5	36.0	1.00 acres
				<b>Total Permanone 31-66 Applied:</b>	84.0 (0.7 gals)
<b>Treatment Area 8 Applications</b>					
8/11/2015	1201 Fleming Ave	Kontrol 31-67 (73748-6)	1:5	30.0	2.00 acres
				<b>Total Kontrol 31-67 Applied:</b>	30.0 (0.2 gals)
8/14/2015	2504 Rosewood	Permanone 31-66 (432-1250)	1:5	30.0	5.00 acres
8/17/2015	108 East Gordon St.	Permanone 31-66 (432-1250)	1:5	12.0	1.50 acres
8/18/2015	1201 Fleming Ave.	Permanone 31-66 (432-1250)	1:5	30.0	2.00 acres
8/21/2015	1409 Kitchen Court	Permanone 31-66 (432-1250)	1:5	30.0	1.00 acres
8/21/2015	2305 Bernard St.	Permanone 31-66 (432-1250)	1:5	60.0	2.00 acres
8/24/2015	1409 Kitchen Court	Permanone 31-66 (432-1250)	1:5	30.0	0.50 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
8/24/2015	2305 Bernard St.	Permanone 31-66 (432-1250)	1:5	48.0	3.00 acres
8/28/2015	313 State St. Apt. 12	Permanone 31-66 (432-1250)	1:5	12.0	0.50 acres
8/28/2015	2201 Rains	Permanone 31-66 (432-1250)	1:5	6.0	0.25 acres
8/31/2015	1903 Metzler	Permanone 31-66 (432-1250)	1-3	30.0	0.50 acres
8/31/2015	313 Statte St. Apt. #12	Permanone 31-66 (432-1250)	1:5	30.0	1.00 acres
<b>Total Permanone 31-66 Applied:</b>				<b>318.0</b> (2.5 gals)	<b>17.25 acres</b>
8/14/2015	1415 Hidden Cove	Wisdom (5481-520)		68.0	0.50 acres
8/21/2015	1415 Hidden Cove	Wisdom (5481-520)	1oz. Per ga	94.0	0.50 acres
<b>Total Wisdom Applied:</b>				<b>162.0</b> (1.3 gals)	<b>1.00 acres</b>
<b>Treatment Area 9 Applications</b>					
8/11/2015	4708 Samantha	Kontrol 31-67 (73748-6)	1:5	24.0	0.25 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>24.0</b> (0.2 gals)	<b>0.25 acres</b>
8/3/2015	4708 Samantha Street	Permanone 31-66 (432-1250)	1-3	0.0	1.00 acres
8/3/2015	2204 Barnhill Road	Permanone 31-66 (432-1250)	1-3		2.00 acres
8/3/2015	2208 Barnhill Road	Permanone 31-66 (432-1250)	1-3	0.0	2.00 acres
<b>Total Permanone 31-66 Applied:</b>				<b>0.0</b> (0.0 gals)	<b>5.00 acres</b>
<b>Treatment Area 11 Applications</b>					
8/11/2015	1900 Kathleen	Kontrol 31-67 (73748-6)	1:5	24.0	0.50 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>24.0</b> (0.2 gals)	<b>0.50 acres</b>
8/3/2015	3014 Pine Field Cove B	Permanone 31-66 (432-1250)	1-3	36.0	0.25 acres
8/14/2015	1900 Kathleen	Permanone 31-66 (432-1250)	1:5	12.0	1.00 acres
<b>Total Permanone 31-66 Applied:</b>				<b>48.0</b> (0.4 gals)	<b>1.25 acres</b>
<b>Grand Totals</b>				<b>1,789.0</b> (14.0 gals)	<b>169.00 acres</b>

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# Ground Adulicide Applications

Start Date: 8/1/2015      End Date: 8/31/2015

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
<b>Treatment Area 1 Applications</b>								
August 2015	8/7/2015		Kontrol 31-67 (73748-6)	1:5	138.0	98.5	3581.8	3.0
					<i>Total Kontrol 31-67 Applied: 3.0</i>			
August 2015	8/14/2015		Permanone 31-66 (432-1250)	1:5	39.0	24.1	879.0	1.0
August 2015	8/14/2015		Permanone 31-66 (432-1250)	1:5	39.0	24.1	879.0	1.0
August 2015	8/25/2015		Permanone 31-66 (432-1250)	1:5	32.0	25.8	939.4	7.3
					<i>Total Permanone 31-66 Applied: 9.3</i>			
<b>Treatment Area 2 Applications</b>								
					<i>Zone 1 Totals: 248.0      172.5      6,279.2      12.3</i>			
August 2015	8/4/2015		Kontrol 31-67 (73748-6)	1:5	39.0	28.7	1041.9	8.0
August 2015	8/11/2015		Kontrol 31-67 (73748-6)	1:5	46.0	25.9	943.6	7.3
					<i>Total Kontrol 31-67 Applied: 15.3</i>			
August 2015	8/18/2015		Permanone 31-66 (432-1250)	1:5	36.0	28.0	0.7	7.8

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
August 2015	8/24/2015		Permanone 31-66 (432-1250)	1:5	35.0	27.6	1005.7	8.2
	8/31/2015		Permanone 31-66 (432-1250)	1:5	49.0	31.2	1132.0	5.8
<i>Total Permanone 31-66 Applied: 21.8</i>								
<b>Zone 2 Totals: 205.0 141.4 4,123.9 37.1</b>								
<b>Treatment Area 3 Applications</b>								
August 2015	8/6/2015		Kontrol 31-67 (73748-6)	1:5	56.0	30.6	1110.0	9.2
<i>Total Kontrol 31-67 Applied: 9.2</i>								
<b>Zone 3 Totals: 56.0 30.6 1,110.0 9.2</b>								
<b>Treatment Area 4 Applications</b>								
August 2015	8/6/2015		Kontrol 31-67 (73748-6)	1:5	183.0	136.0	4947.7	6.0
<i>Total Kontrol 31-67 Applied: 6.0</i>								
August 2015	8/20/2015		Permanone 31-66 (432-1250)	1:5	43.0	35.9	1308.0	10.1
<i>Total Permanone 31-66 Applied: 10.1</i>								
<b>Zone 4 Totals: 226.0 171.9 6,255.7 16.1</b>								
<b>Treatment Area 5 Applications</b>								
August 2015	8/17/2015		Permanone 31-66 (432-1250)	1:5	38.0	0.0	0.0	13.5
August 2015	8/21/2015		Permanone 31-66 (432-1250)	1:5	40.0	33.1	1204.6	9.4

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed	
August 2015	8/28/2015		Permanone 31-66 (432-1250)	1:5	36.0	27.6	1004.6	7.9	
					<i>Total Permanone 31-66 Applied: 30.8</i>				
August 2015	8/3/2015		Permanone 31-67 (432-1250)	1:3	36.0	20.5	746.0	12.8	
					<i>Total Permanone 31-67 Applied: 12.8</i>				
<b>Treatment Area 6 Applications</b>					<b>Zone 5 Totals:</b>	<b>150.0</b>	<b>81.2</b>	<b>2,955.2</b>	<b>43.6</b>
August 2015	8/4/2015		Kontrol 31-67 (73748-6)	1:5	45.0	22.1	803.5	8.5	
August 2015	8/11/2015		Kontrol 31-67 (73748-6)	1:5	49.0	36.3	1317.0	10.6	
					<i>Total Kontrol 31-67 Applied: 19.1</i>				
August 2015	8/20/2015		Permanone 31-66 (432-1250)	1:5	50.0	31.4	1139.0	8.1	
					<i>Total Permanone 31-66 Applied: 8.1</i>				
<b>Treatment Area 7 Applications</b>					<b>Zone 6 Totals:</b>	<b>144.0</b>	<b>89.8</b>	<b>3,259.5</b>	<b>27.2</b>
August 2015	8/13/2015		Permanone 31-66 (432-1250)	1:5	49.0	23.4	850.6	6.5	
					<i>Total Permanone 31-66 Applied: 6.5</i>				
<b>Treatment Area 8 Applications</b>					<b>Zone 7 Totals:</b>	<b>49.0</b>	<b>23.4</b>	<b>850.6</b>	<b>6.5</b>

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
August 2015	8/12/2015		Permanone 31-66 (432-1250)	1:5	36.0	24.4	890.3	7.1
	8/21/2015		Permanone 31-66 (432-1250)	1:5	34.0	27.3	996.1	7.8
	8/24/2015		Permanone 31-66 (432-1250)	1:5	37.0	37.2	1355.7	10.5
	8/25/2015		Permanone 31-66 (432-1250)	1:5	34.0	25.2	918.0	7.1
	8/28/2015		Permanone 31-66 (432-1250)	1:5	37.0	29.2	1087.3	8.4
	8/31/2015		Permanone 31-66 (432-1250)	1:5	38.0	32.1	1167.9	9.0
<i>Total Permanone 31-66 Applied:</i>								
					<b>216.0</b>	<b>175.4</b>	<b>6,415.3</b>	<b>49.8</b>

**Treatment Area 9 Applications**

August 2015	8/27/2015		Permanone 31-66 (432-1250)	1:5	34.0	27.0	620.8	4.8
August 2015	8/3/2015		Permanone 31-67 (432-1250)	1:3	52.0	33.0	1199.2	9.1
<i>Total Permanone 31-66 Applied:</i>								
					<b>86.0</b>	<b>60.0</b>	<b>1,820.0</b>	<b>13.9</b>

**Treatment Area 10 Applications**

August 2015	8/12/2015		Permanone 31-66 (432-1250)	1:5	50.0	23.1	837.0	6.5
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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed	
August 2015	8/3/2015		Permanone 31-67 (432-1250)	1:3	42.0	30.1	1093.4	8.7	
<i>Total Permanone 31-66 Applied:</i>									
<i>6.5</i>									
<i>Total Permanone 31-67 Applied:</i>									
<i>8.7</i>									
					<b>Zone 10 Totals:</b>	<b>92.0</b>	<b>53.2</b>	<b>1,930.4</b>	<b>15.2</b>
<b>Treatment Area 11 Applications</b>									
August 2015	8/27/2015		Permanone 31-66 (432-1250)	1:5	50.0	40.9	1483.0	8.1	
<i>Total Permanone 31-66 Applied:</i>									
<i>8.1</i>									
					<b>Zone 11 Totals:</b>	<b>50.0</b>	<b>40.9</b>	<b>1,483.0</b>	<b>8.1</b>
					<b>Grand Totals:</b>	<b>1,522.0</b>	<b>1,040.2</b>	<b>36,482.7</b>	<b>238.9</b>





## Summary of Service Requests

Start Date: 8/1/2015      End Date: 8/31/2015

### Jonesboro

Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites with Mosquitoes	Total Amount of Larvicide Applied	Total Amount of Adulticide Applied
August 2015		0	5	4	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 4 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	264.0 oz
August 2015		1	1	1	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 1 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	27.0 oz
August 2015		2	2	2	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 2 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	60.0 oz

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Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites with Mosquitoes	Total Amount of Larvicide Applied	Total Amount of Adulticide Applied
August 2015		3	5	4	No Action Required:	0	0.00 oz	630.0 oz
					Emptied Containers:	0		
					Biological Control:	0		
					Larvicided:	0		
					Adulticided:	5		
					Needed to Return:	0		
August 2015		4	2	2	No Action Required:	0	0.00 oz	88.0 oz
					Emptied Containers:	0		
					Biological Control:	0		
					Larvicided:	0		
					Adulticided:	2		
					Needed to Return:	0		
August 2015		5	1	1	No Action Required:	0	0.00 oz	30.0 oz
					Emptied Containers:	0		
					Biological Control:	0		
					Larvicided:	0		
					Adulticided:	1		
					Needed to Return:	0		
August 2015		6	2	2	No Action Required:	0	0.00 oz	84.0 oz
					Emptied Containers:	0		
					Biological Control:	0		
					Larvicided:	0		
					Adulticided:	2		
					Needed to Return:	0		

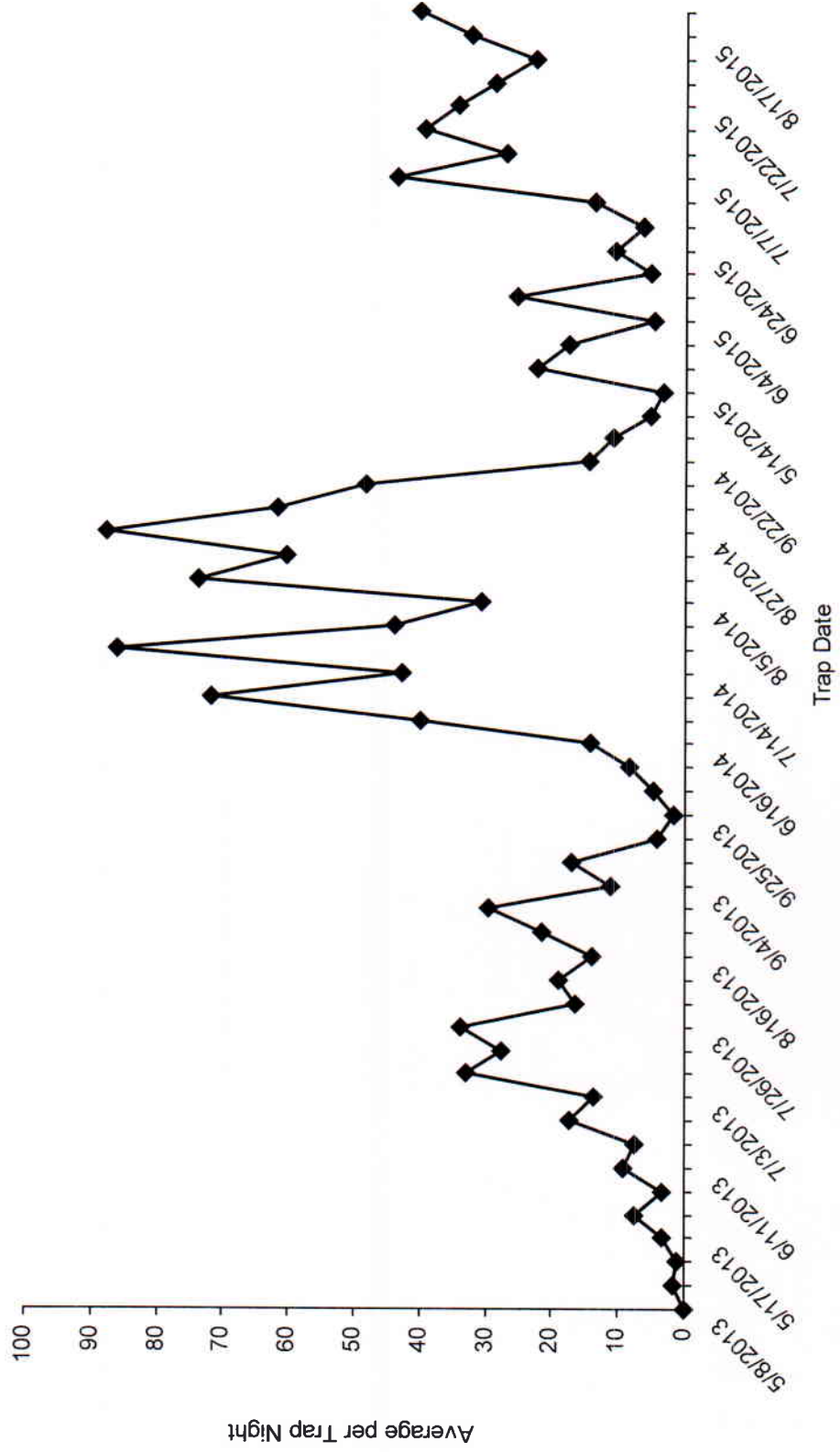
Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites with Mosquitoes	Total Amount of Larvicide Applied	Total Amount of Adulticide Applied
August 2015		8	14	12	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 14 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	510.0 oz
August 2015		9	4	1	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 4 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	24.0 oz
August 2015		11	3	2	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 3 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	72.0 oz
<b>Overall Totals:</b>		<b>39</b>	<b>31</b>	<b>31</b>	<b>NA: 0 LV: 0 EC: 0 AT: 38 BC: 0 NR: 0</b>		<b>0.00 oz</b>	<b>1789.0 oz</b>

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# Adult Mosquito Surveillance Summary

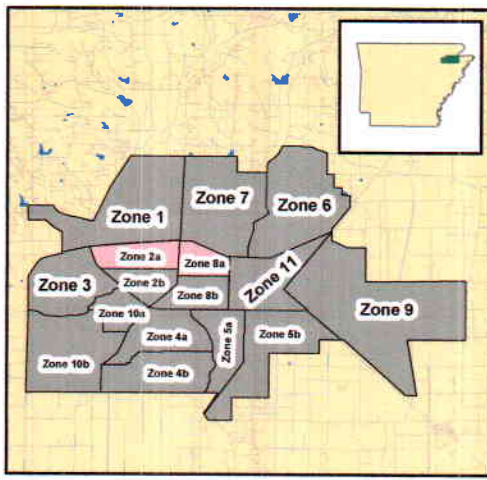
Jonesboro





# Jonesboro, Arkansas

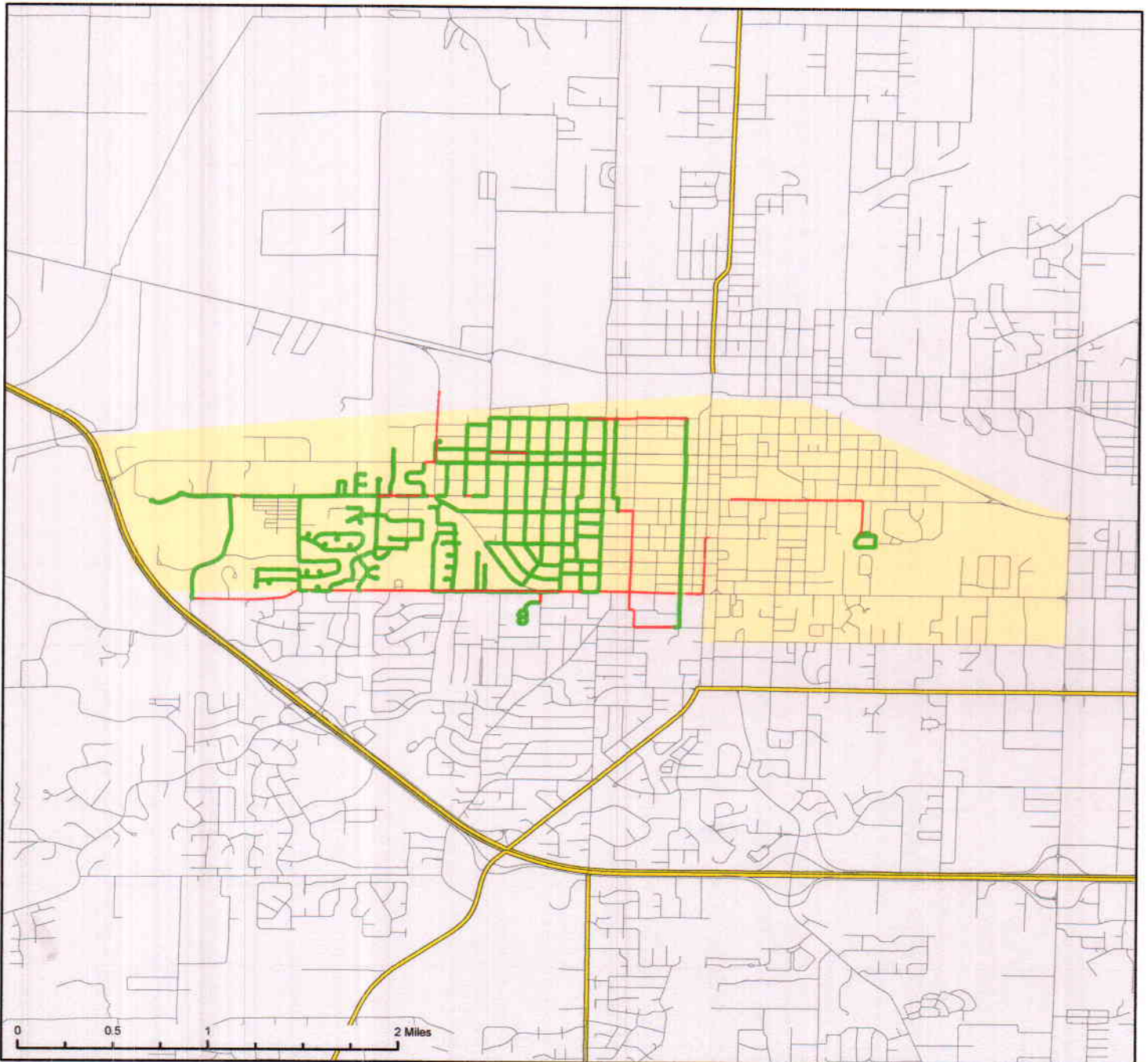
Ground Adulticide Application Date:  
August 19, 2015



## Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 31-66  
Quantity Used: 7.8 gal  
Miles Treated: 28.1  
Acres Treated: 1,021.0



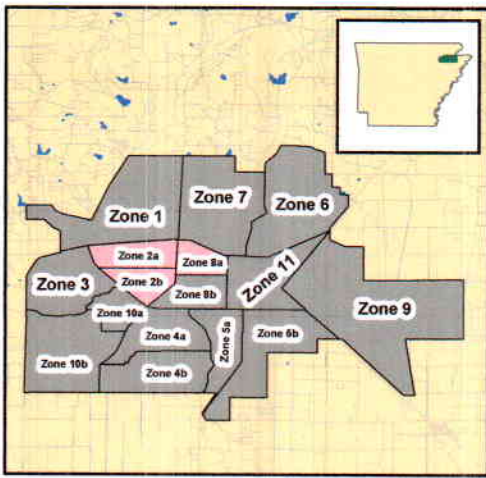
Vector Disease Control  
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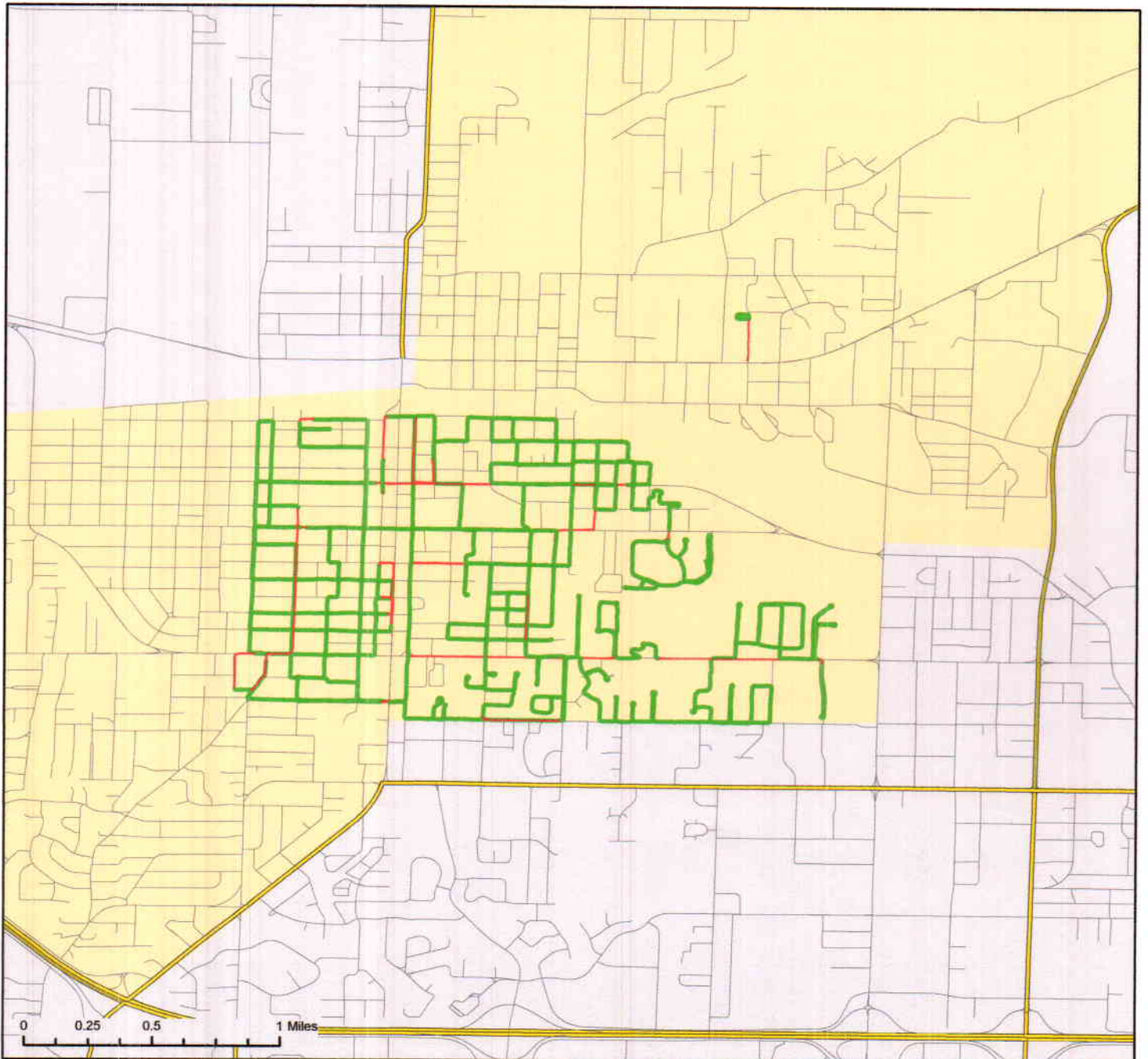
Ground Adulticide Application Date:  
August 31, 2015



## Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 31-66  
Quantity Used: 9.0 gal  
Miles Treated: 32.1  
Acres Treated: 1,168.0

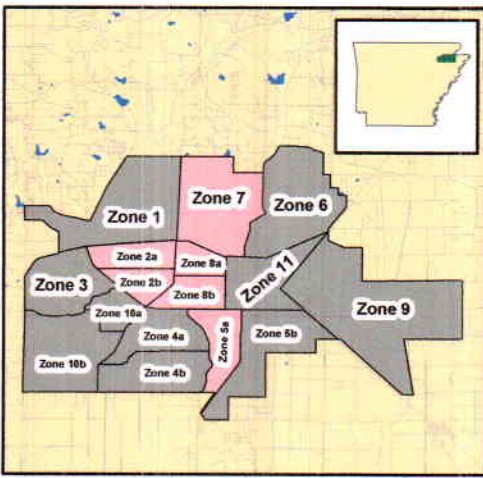


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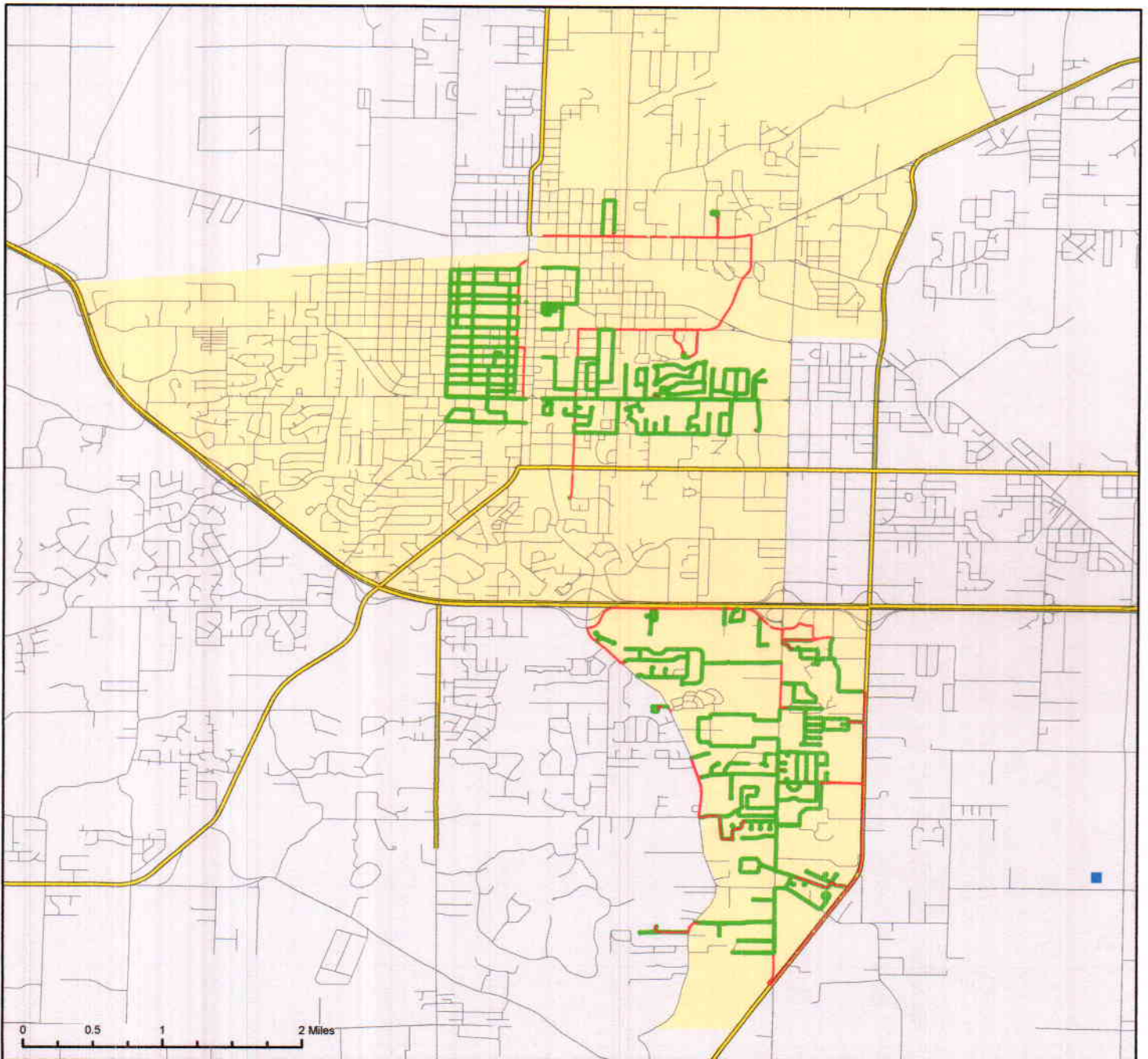
Ground Adulticide Application Date:  
August 28, 2015



## Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 31-66  
Quantity Used: 16.3 gal  
Miles Treated: 57.5  
Acres Treated: 2,092.0



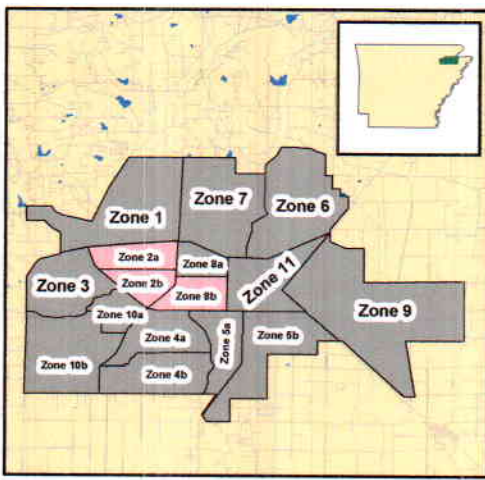
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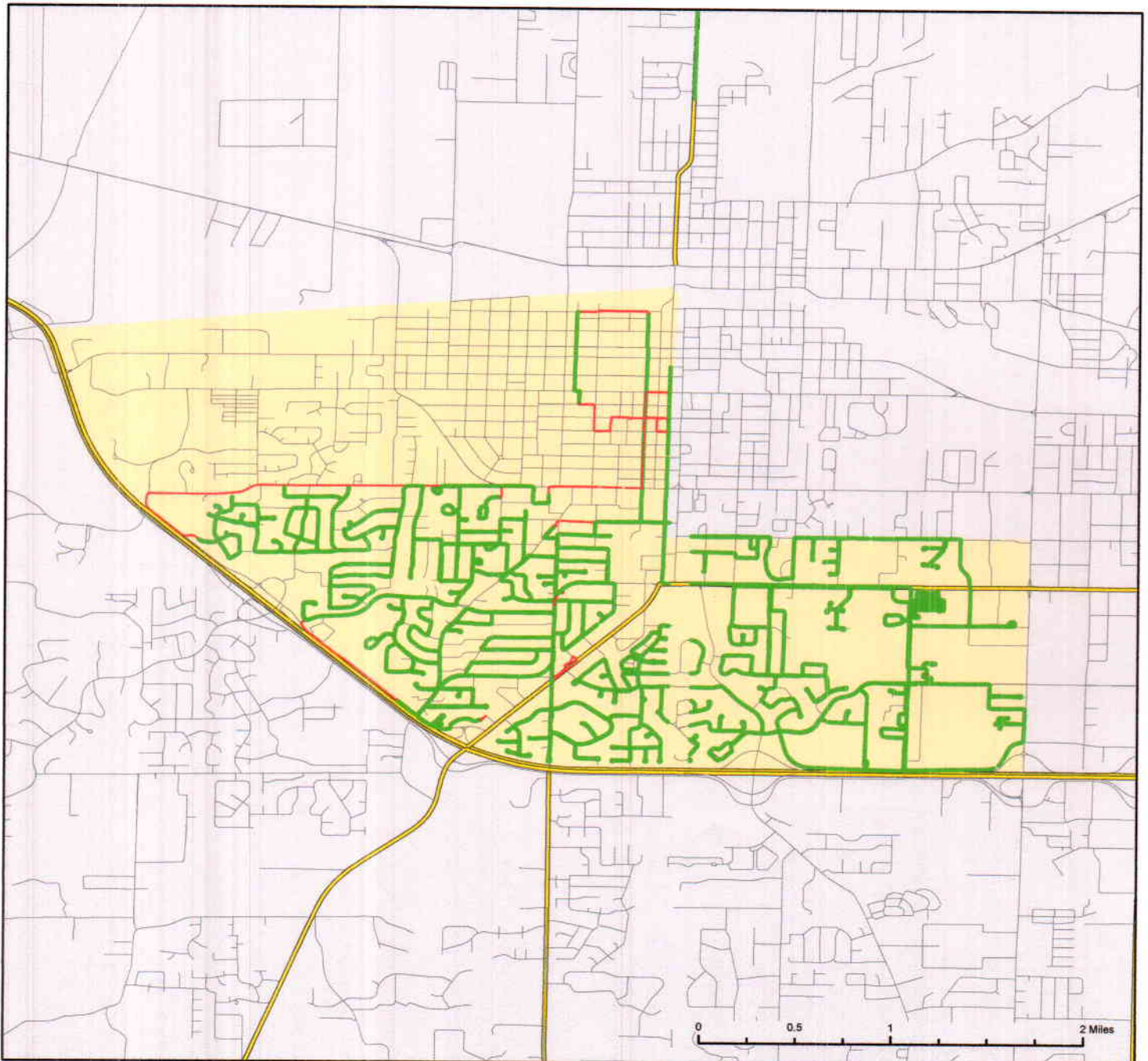
Ground Adulticide Application Date:  
August 24, 2015



## Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 31-66  
Quantity Used: 18.7 gal  
Miles Treated: 64.9  
Acres Treated: 2,362.0



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# Craighead County



# Jonesboro, Arkansas

Aerial Adulticide Application Date:  
August 11, 2015



**Flight Line**

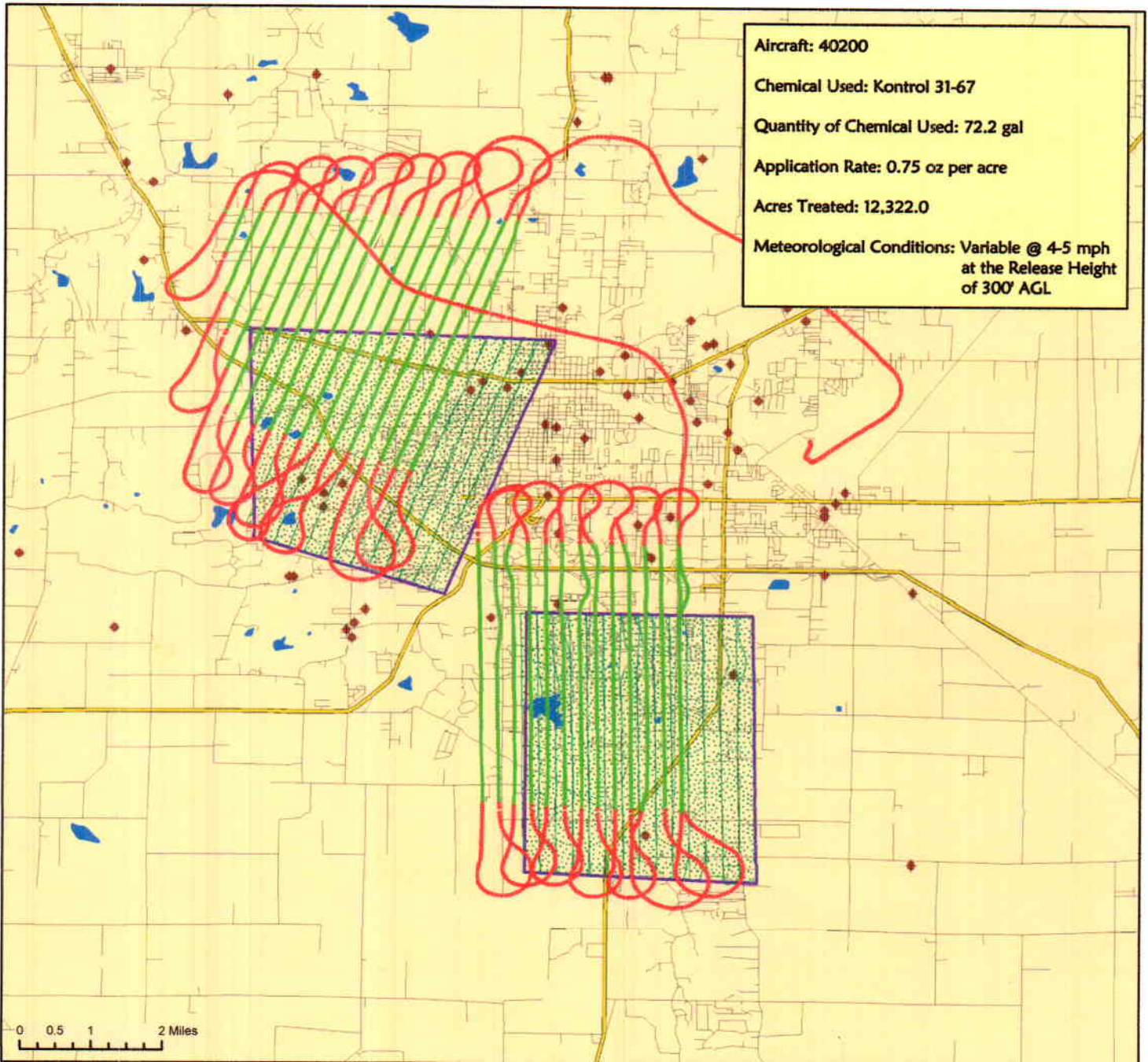
Spray Off

Spray On

Towers

Spray Deposition

Treatment Areas



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