



Vector Disease Control, Inc.  
Mosquito Surveillance and Control Report

for the

**City of Jonesboro**

**July 2014**

2221 N. Church St. Jonesboro, AR 72401

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





## **City of Jonesboro Activity Report**

July 2014

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 57.9 mosquitoes per trap night (2,199 total mosquitoes) during this time. There have been a total of 4 mosquito species collected, with *Anopheles quadrimacullatus* 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, 76 sites were inspected fifteen sites had the presence of mosquito larvae. As a result of these inspections 74.0 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.



## ADULT MOSQUITO CONTROL ACTIVITY

In response to community events and mosquito surveillance data, VDCI applied adulticide (25) 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 2,360.2 spray miles (81,563.6 acres) were treated with a total of 671.0 gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to 324 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.



# Service Request Adulticide Applications

Start Date: 7/1/2014

End Date: 7/31/2014

**Jonesboro**

Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
<b>Treatment Area 0 Applications</b>					
7/17/2014				0.0	0.00 acres
				<b>Total Applied:</b> (0.0 gals)	0.00 acres
7/3/2014	Bridge St.	Kontrol 31-67 (73748-6)	1:4	100.0	4.00 acres
7/12/2014		Kontrol 31-67 (73748-6)	4-1	15.0	10.00 acres
7/13/2014		Kontrol 31-67 (73748-6)	4-1	40.0	3.00 acres
				<b>Total Kontrol 31-67 Applied:</b> (1.2 gals)	17.00 acres
<b>Treatment Area 1 Applications</b>					
6/30/2014	1810 Pam Drive	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/1/2014	3320 N. Culberhouse St.	Kontrol 31-67 (73748-6)	4-1	10.0	2.00 acres
7/2/2014	2211 Lamesa	Kontrol 31-67 (73748-6)	4-1	10.0	0.50 acres
7/2/2014	106 Hickox	Kontrol 31-67 (73748-6)	4-1	10.0	2.00 acres
7/7/2014	2005 Jones Rd.	Kontrol 31-67 (73748-6)	4-1	10.0	2.00 acres
7/9/2014	214 Parnell Lane	Kontrol 31-67 (73748-6)	4-1	10.0	5.00 acres
7/14/2014	105 Grove Dr.	Kontrol 31-67 (73748-6)	1:4	25.0	0.50 acres
				<b>Total Kontrol 31-67 Applied:</b> (0.7 gals)	13.00 acres
<b>Treatment Area 2 Applications</b>					
7/1/2014	2200 Twin Oaks	Kontrol 31-67 (73748-6)	4-1	50.0	1.00 acres
7/3/2014	1612 Alonzo St.	Kontrol 31-67 (73748-6)	1:5	25.0	1.00 acres
7/3/2014	3900 3A-32 S. Culberhouse	Kontrol 31-67 (73748-6)	4-1	15.0	1.00 acres
7/3/2014	1025 West Matthews	Kontrol 31-67 (73748-6)	1:4	25.0	3.00 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
7/3/2014	2300 Rosemond Ave.	Kontrol 31-67 (73748-6)	1:4	50.0	2.00 acres
7/3/2014	Auburn PL Area	Kontrol 31-67 (73748-6)	1:4	65.0	3.00 acres
7/7/2014	3705 Woodsprings Rd.	Kontrol 31-67 (73748-6)	1:4	25.0	1.00 acres
7/7/2014	1815 Broadmoore Rd.	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/7/2014	6225 Marrell Dr.	Kontrol 31-67 (73748-6)	1:4	45.0	1.00 acres
7/8/2014	3830 South Culberhouse	Kontrol 31-67 (73748-6)	4-1	20.0	1.00 acres
7/8/2014	2114 Denver Dr.	Kontrol 31-67 (73748-6)	4-1	15.0	1.00 acres
7/9/2014	1700 Loberg Ln. Block	Kontrol 31-67 (73748-6)	4-1	20.0	1.00 acres
7/9/2014	3828 S. Culberhouse	Kontrol 31-67 (73748-6)	4-1	15.0	1.00 acres
7/9/2014	Shady Grove Rd.	Kontrol 31-67 (73748-6)	4-1	30.0	1.00 acres
7/14/2014	3106 Woodsprings Rd.	Kontrol 31-67 (73748-6)	4-1	5.0	0.50 acres
7/14/2014	2111 Trinity Oaks	Kontrol 31-67 (73748-6)	1:4	15.0	0.50 acres
7/17/2014	816 Craighead Rd.	Kontrol 31-67 (73748-6)	1:4	20.0	0.25 acres
7/17/2014	1701 Rich Rd.	Kontrol 31-67 (73748-6)	1:4	25.0	0.50 acres
7/17/2014	1604 W. oak Ave.	Kontrol 31-67 (73748-6)	1:4	10.0	0.50 acres
7/22/2014	1608 Broadmoore	Kontrol 31-67 (73748-6)	1:4	10.0	0.25 acres
7/29/2014	1003 W. Washington Ave.	Kontrol 31-67 (73748-6)	1:4	25.0	1.00 acres
<b>Total Kontrol 31-67 Applied:</b>				520.0 (4.1 gals)	22.50 acres
7/3/2014	2002 Wood St.	Martin's 31-67 (53883-151)	1:4	75.0	1.00 acres
<b>Total Martin's 31-67 Applied:</b>				75.0 (0.6 gals)	1.00 acres
7/2/2014	1206 Broadmoor Rd.	Suspend SC (432-763)	.5 oz. pe g	16.0	0.25 acres
7/3/2014	1210 Broadmoor rd.	Suspend SC (432-763)	5 oz per g	16.0	0.25 acres
7/9/2014	1601 James St.	Suspend SC (432-763)	oz per gal	128.0	2.00 acres
7/17/2014	801 Wedgewood Cove	Suspend SC (432-763)	oz per gal	98.0	0.50 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
7/7/2014	3215 Southwest Dr.	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/8/2014	5002 Mt. Carmel Rd.	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/8/2014	3901 Renee Dr.	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/9/2014	601 Tannehill	Kontrol 31-67 (73748-6)	4-1	20.0	1.00 acres
7/11/2014	4500 Southwest Dr.	Kontrol 31-67 (73748-6)	4-1	50.0	20.00 acres
7/12/2014	Winter Haven Area	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/16/2014	1111 Medallion	Kontrol 31-67 (73748-6)	4-1	10.0	0.25 acres
7/16/2014	1107 Medaillion Dr.	Kontrol 31-67 (73748-6)	4-1	15.0	0.25 acres
7/17/2014	1119 Penny Lane and 1121 Penny Lane	Kontrol 31-67 (73748-6)	4-1	25.0	1.50 acres
7/17/2014	717 Morning View Dr.	Kontrol 31-67 (73748-6)	1:4	30.0	0.50 acres
7/18/2014	608 Scotch Pine Dr.	Kontrol 31-67 (73748-6)	1:4	15.0	0.50 acres
7/25/2014	5117 Koala Dr.	Kontrol 31-67 (73748-6)	4-1	50.0	10.00 acres
<b>Total Kontrol 31-67 Applied:</b>				470.0 (3.7 gals)	52.00 acres
7/3/2014		Suspend SC (432-763)	.5oz per gal	192.0	2.00 acres
<b>Total Suspend SC Applied:</b>				192.0 (1.5 gals)	2.00 acres
<b>Treatment Area 5 Applications</b>					
7/2/2014	3116 Mead Dr. Scottish Inn Hotel	Kontrol 31-67 (73748-6)	4-1	50.0	4.00 acres
7/2/2014	4701 Colony Dr.	Kontrol 31-67 (73748-6)	4-1	50.0	5.00 acres
7/2/2014	6617 S. Caraway Rd.	Kontrol 31-67 (73748-6)	4-1	50.0	1.00 acres
7/3/2014	5437 Summer Place	Kontrol 31-67 (73748-6)	1:4	50.0	3.00 acres
7/3/2014	1913 Pine Valley Lane	Kontrol 31-67 (73748-6)	1:4	25.0	4.00 acres
7/3/2014	5116 South Caraway	Kontrol 31-67 (73748-6)	1:4	50.0	1.00 acres
7/3/2014	5116 S. Caraway	Kontrol 31-67 (73748-6)	1:4	50.0	1.00 acres
7/5/2014	4715 Sanderson Lane	Kontrol 31-67 (73748-6)	1:4	25.0	3.00 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
7/5/2014	3707 Harrisburg Rd.	Kontrol 31-67 (73748-6)	1:4	50.0	20.00 acres
7/7/2014	3401 Derby Dr.	Kontrol 31-67 (73748-6)	4-1	20.0	1.00 acres
7/8/2014	Pond Ridge Lane	Kontrol 31-67 (73748-6)	4-1	15.0	3.00 acres
7/8/2014	5411 Pine Creek Dr.	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/9/2014	South Side Ball Field	Kontrol 31-67 (73748-6)	4-1	30.0	40.00 acres
7/12/2014		Kontrol 31-67 (73748-6)	4-1	50.0	20.00 acres
7/14/2014	Derby St.	Kontrol 31-67 (73748-6)	4-1	20.0	1.00 acres
7/16/2014	4604 Lilly Cove	Kontrol 31-67 (73748-6)	4-1	10.0	0.25 acres
7/21/2014	4701 Colony Dr.	Kontrol 31-67 (73748-6)	4-1	115.0	15.00 acres
<b>Total Kontrol 31-67 Applied:</b>				670.0 (5.2 gals)	123.25 acres
6/30/2014	1503 Madallion Circle	Permanone 31-66 (432-1250)	1:4	10.0	0.25 acres
7/1/2014	1624 Cedar Ridge Lane	Permanone 31-66 (432-1250)	4-1	15.0	0.50 acres
<b>Total Permanone 31-66 Applied:</b>				25.0 (0.2 gals)	0.75 acres
6/29/2014	1304 Golf Course Dr.	Perm-X UL 30-30 (655-811)	1:4	10.0	0.25 acres
6/30/2014	2206 Hurst Lane	Perm-X UL 30-30 (655-811)	1:4	15.0	1.00 acres
7/1/2014	1400 Links Circle	Perm-X UL 30-30 (655-811)	1:4	25.0	1.50 acres
<b>Total Perm-X UL 30-30 Applied:</b>				50.0 (0.4 gals)	2.75 acres
<b>Treatment Area 6 Applications</b>					
7/2/2014	3705 Blue Ridge Circle	Kontrol 31-67 (73748-6)	4-1	25.0	0.25 acres
7/3/2014	3700 Fielder Dr.	Kontrol 31-67 (73748-6)	4-1	30.0	2.00 acres
7/3/2014	909 Southern Hill Dr.	Kontrol 31-67 (73748-6)	1:4	50.0	3.00 acres
7/7/2014	3007 New Castle Dr.	Kontrol 31-67 (73748-6)	1:4	50.0	1.00 acres
7/7/2014	210 Cater	Kontrol 31-67 (73748-6)	1:4	50.0	2.00 acres
7/7/2014	312 Marzee Ann Dr.	Kontrol 31-67 (73748-6)	1:4	25.0	2.00 acres
7/8/2014	3702 Pleasant View Dr.	Kontrol 31-67 (73748-6)	4-1	25.0	1.00 acres

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7/8/2014	4206 Merry Sue Ave.	Kontrol 31-67 (73748-6)	4-1	25.0	1.00 acres
7/8/2014	3623 Burdyslaw Dr.	Kontrol 31-67 (73748-6)	4-1	25.0	2.00 acres
7/8/2014	210 Cater	Kontrol 31-67 (73748-6)	4-1	25.0	1.00 acres
7/8/2014	620 Elizabeth	Kontrol 31-67 (73748-6)	4-1	25.0	1.00 acres
7/10/2014	4117 Stephanie Lane	Kontrol 31-67 (73748-6)	4-1	45.0	3.00 acres
7/10/2014	2302 Bridger Rd.	Kontrol 31-67 (73748-6)	4-1	15.0	5.00 acres
7/11/2014	5925 Megan Dr.	Kontrol 31-67 (73748-6)	4-1	10.0	0.25 acres
7/17/2014	5925 Megan Dr.	Kontrol 31-67 (73748-6)	1:4	40.0	0.25 acres
7/18/2014	ASU Practice Football Field W. Parking lot	Kontrol 31-67 (73748-6)	4-1	25.0	5.00 acres
7/18/2014	2024 Greenway Lane	Kontrol 31-67 (73748-6)	1:4	15.0	2.00 acres
7/18/2014	ASU Practice Football Field W. Parking lot	Kontrol 31-67 (73748-6)	4-1	80.0	20.00 acres
<b>Total Kontrol 31-67 Applied:</b>				585.0 (4.6 gals)	51.75 acres
6/30/2014	2003 Sheffield Cove	Permanone 31-66 (432-1250)	1:4	10.0	1.00 acres
6/30/2014	1002 Kimberly	Permanone 31-66 (432-1250)	1:4	10.0	1.00 acres
7/1/2014	3907 Hill Dr.	Permanone 31-66 (432-1250)	4-1	25.0	0.25 acres
<b>Total Permanone 31-66 Applied:</b>				45.0 (0.4 gals)	2.25 acres
7/24/2014	3525 Old Dornick	Suspend SC (432-763)	oz. Per ga	64.0	0.50 acres
<b>Total Suspend SC Applied:</b>				64.0 (0.5 gals)	0.50 acres
<b>Treatment Area 7 Applications</b>					
7/2/2014	2002 Mitzi Lane	Kontrol 31-67 (73748-6)	4-1	50.0	5.00 acres
7/2/2014	101 N. Patrick	Kontrol 31-67 (73748-6)	4-1	15.0	5.00 acres
7/2/2014	951 N. Patrick	Kontrol 31-67 (73748-6)	4-1	25.0	5.00 acres
7/3/2014	106 State St.	Kontrol 31-67 (73748-6)	1:4	10.0	1.00 acres
7/7/2014	120 W. Forrest St.	Kontrol 31-67 (73748-6)	4-1	50.0	1.00 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
7/8/2014	201 French	Kontrol 31-67 (73748-6)	4-1	25.0	2.00 acres
7/22/2014	1509 Angela Lee Dr.	Kontrol 31-67 (73748-6)	1:4	20.0	0.75 acres
7/25/2014	605 apt. B East Roseclair	Kontrol 31-67 (73748-6)	1:5	35.0	1.00 acres
7/28/2014	1304 Wendy Linda Dr.	Kontrol 31-67 (73748-6)	1:4	25.0	0.25 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>255.0</b> (2.0 gals)	<b>21.00 acres</b>
7/1/2014	2700 Dacus Lane	Permanone 31-66 (432-1250)	1:4	10.0	1.00 acres
7/1/2014	108 East Gordon	Permanone 31-66 (432-1250)	1:4	10.0	0.25 acres
7/1/2014	321 N. Rodgers	Permanone 31-66 (432-1250)	1:4	10.0	0.50 acres
7/1/2014	2114 N. Patrick	Permanone 31-66 (432-1250)	1:4	20.0	1.00 acres
<b>Total Permanone 31-66 Applied:</b>				<b>50.0</b> (0.4 gals)	<b>2.75 acres</b>
<b>Treatment Area 8 Applications</b>					
6/30/2014	3604 Harrisburg Rd.	Kontrol 31-67 (73748-6)	4-1	15.0	0.25 acres
7/1/2014	1812 Wilkins	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/2/2014	401 Ridge Crest	Kontrol 31-67 (73748-6)	4-1	15.0	1.00 acres
7/2/2014	603 E. Nettleton Ave.	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres
7/3/2014		Kontrol 31-67 (73748-6)	1:4	30.0	3.00 acres
7/3/2014	1102 Dove Rd.	Kontrol 31-67 (73748-6)	1:4	10.0	1.00 acres
7/7/2014	1110 Oak Meadow Blv.	Kontrol 31-67 (73748-6)	4-1	25.0	1.00 acres
7/8/2014	5930 Reeves Rd.	Kontrol 31-67 (73748-6)	4-1	5.0	1.00 acres
7/8/2014	413 State	Kontrol 31-67 (73748-6)	4-1	25.0	0.25 acres
7/8/2014	6910 E. Highland Dr.	Kontrol 31-67 (73748-6)	4-1	25.0	0.50 acres
7/8/2014	6600 E. Highland Dr.	Kontrol 31-67 (73748-6)	4-1	50.0	1.50 acres
7/9/2014	318 E. Nettleton Ave.	Kontrol 31-67 (73748-6)	4-1	25.0	1.00 acres
7/10/2014		Kontrol 31-67 (73748-6)	4-1	250.0	100.00 acres
7/10/2014	518 Carson St.	Kontrol 31-67 (73748-6)	4-1	10.0	1.00 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated	
				<i>Total Suspend SC Applied:</i>	321.5 (2.5 gals)	3.75 acres
<b>Treatment Area 9 Applications</b>						
7/2/2014	7206 Ely Walker Rd.	Kontrol 31-67 (73748-6)	4-1	20.0	1.00 acres	
7/9/2014	1900 Kathleen St.	Kontrol 31-67 (73748-6)	4-1	5.0	0.50 acres	
7/10/2014	3200 Moore Dr.	Kontrol 31-67 (73748-6)	4-1	10.0	3.00 acres	
7/11/2014	CW Post Rd. area	Kontrol 31-67 (73748-6)	4-1	85.0	30.00 acres	
7/18/2014	7300 Ely Walker Rd.	Kontrol 31-67 (73748-6)	4-1	15.0	4.00 acres	
				<i>Total Kontrol 31-67 Applied:</i>	135.0 (1.1 gals)	38.50 acres
6/29/2014	2208 Barnhill Rd.	Permanone 31-66 (432-1250)	1:4	10.0	0.50 acres	
6/29/2014	2204 Barnhill Rd.	Permanone 31-66 (432-1250)	1:5	10.0	0.50 acres	
6/30/2014	3509 Friendly Hope Rd.	Permanone 31-66 (432-1250)	1:4	15.0	2.00 acres	
6/30/2014	2020 Hytrol Dr.	Permanone 31-66 (432-1250)	1:4	20.0	50.00 acres	
6/30/2014	3500 Friendly Hope Rd.	Permanone 31-66 (432-1250)	1:5	15.0	1.50 acres	
7/1/2014	5800 CW Post Dr.	Permanone 31-66 (432-1250)	1:4	50.0	40.00 acres	
7/1/2014	4708 Sammantha St.	Permanone 31-66 (432-1250)	1:4	10.0	0.25 acres	
				<i>Total Permanone 31-66 Applied:</i>	130.0 (1.0 gals)	94.75 acres
<b>Treatment Area 10 Applications</b>						
6/30/2014	6034 Wisteria Lane	Kontrol 31-67 (73748-6)	4-1	10.0	0.50 acres	
7/1/2014	3003 Sloan Circle	Kontrol 31-67 (73748-6)	4-1	20.0	2.00 acres	
7/1/2014	2605 Harrison Cove	Kontrol 31-67 (73748-6)	4-1	50.0	1.00 acres	
7/2/2014	2502 Hidden Hill Circle	Kontrol 31-67 (73748-6)	4-1	50.0	1.00 acres	
7/3/2014	4509 Kallie Dr.	Kontrol 31-67 (73748-6)	4-1	10.0	0.25 acres	
7/8/2014	3626 Flemmon	Kontrol 31-67 (73748-6)	4-1	10.0	0.25 acres	
7/10/2014	5304 Jean Dr.	Kontrol 31-67 (73748-6)	4-1	50.0	1.00 acres	
7/10/2014	3106 Woodsprings Rd.	Kontrol 31-67 (73748-6)	4-1	10.0	0.50 acres	

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# Adult Mosquito Surveillance Report

Start Date: 7/1/2014

End Date: 7/31/2014

**Jonesboro**

Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
<b>Treatment Area 1 Collections</b>				
Shady Lane	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	72
			<i>Coquillettidia perturbans</i>	11
Shady Lane	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	48
			<i>Anopheles quadrimaculatus</i>	180
			<i>Psorophora columbiae</i>	92
Shady Lane	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	10
			<i>Anopheles quadrimaculatus</i>	92
			<i>Psorophora columbiae</i>	42
<b>Trap Total</b>				547 (Avg. 182.3)
Sugar Ridge	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	42
Sugar Ridge	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	22
			<i>Anopheles quadrimaculatus</i>	40
			<i>Psorophora columbiae</i>	4
Sugar Ridge	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	14
			<i>Anopheles quadrimaculatus</i>	19
			<i>Psorophora columbiae</i>	1
<b>Trap Total</b>				142 (Avg. 47.3)
<b>Treatment Area 2 Collections</b>				
Strawfloor	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	56
Strawfloor	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	3
			<i>Anopheles quadrimaculatus</i>	20
			<i>Psorophora columbiae</i>	2
<b>Trap Total</b>				81 (Avg. 40.5)
Strawfloor Rd.	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	17
			<i>Anopheles quadrimaculatus</i>	40
			<i>Psorophora columbiae</i>	9
<b>Trap Total</b>				66 (Avg. 66)
<b>Treatment Area 3 Collections</b>				

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Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Ridge Point	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	40
Ridge Point	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	40
			<i>Anopheles quadrimaculatus</i>	124
<b>Trap Total</b>				204 (Avg. 102)
Ridge Pointe	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	8
			<i>Anopheles quadrimaculatus</i>	72
			<i>Psorophora columbiae</i>	3
<b>Trap Total</b>				83 (Avg. 83)
<b>Treatment Area 4 Collections</b>				
Part Ridge	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	104
Part Ridge	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	64
			<i>Anopheles quadrimaculatus</i>	168
<b>Trap Total</b>				336 (Avg. 168)
Partridge	7/29/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	100
<b>Trap Total</b>				100 (Avg. 100)
<b>Treatment Area 5 Collections</b>				
Derby Dr.	7/17/2014	NJ Light Trap	No Mosquitoes	0
Derby Dr.	7/29/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	9
<b>Trap Total</b>				9 (Avg. 4.5)
Frog Pond	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	6
			<i>Psorophora columbiae</i>	7
Frog Pond	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	2
			<i>Anopheles quadrimaculatus</i>	2
			<i>Psorophora columbiae</i>	3
Frog Pond	7/29/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	6
			<i>Psorophora columbiae</i>	2
<b>Trap Total</b>				28 (Avg. 9.3)
<b>Treatment Area 6 Collections</b>				
Oakhill	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	19
Oakhill	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	8
			<i>Anopheles quadrimaculatus</i>	17
			<i>Psorophora columbiae</i>	1
Oakhill	7/29/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	10

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Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
				<b>Trap Total</b> 55 (Avg. 18.3)
Pleasant View	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	5
Pleasant View	7/17/2014	NJ Light Trap	No Mosquitoes	0
Pleasant View	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	2
			<i>Anopheles quadrimaculatus</i>	6
			<i>Psorophora columbiae</i>	2
				<b>Trap Total</b> 15 (Avg. 5)
<b>Treatment Area 8 Collections</b>				
Briarcrest	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
Briarcrest	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	5
			<i>Anopheles quadrimaculatus</i>	22
			<i>Psorophora columbiae</i>	1
Briarcrest	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	1
			<i>Anopheles quadrimaculatus</i>	10
				<b>Trap Total</b> 57 (Avg. 19)
Matthew	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	72
Matthew	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	72
			<i>Anopheles quadrimaculatus</i>	108
			<i>Psorophora columbiae</i>	1
Matthew	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	14
			<i>Anopheles quadrimaculatus</i>	72
				<b>Trap Total</b> 339 (Avg. 113)
<b>Treatment Area 9 Collections</b>				
Cottage Home Rd.	7/29/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	8
			<i>Psorophora columbiae</i>	1
				<b>Trap Total</b> 9 (Avg. 9)
Cottage Home Rd	7/17/2014	NJ Light Trap	<i>Aedes vexans</i>	2
			<i>Anopheles quadrimaculatus</i>	12
			<i>Psorophora columbiae</i>	14
				<b>Trap Total</b> 28 (Avg. 28)
Cottage Home Rd.	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	10
			<i>Psorophora columbiae</i>	10
				<b>Trap Total</b> 20 (Avg. 20)

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Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
<b>Treatment Area 10 Collections</b>				
Quail Ridge	7/14/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	40
Quail Ridge	7/17/2014	NJ Light Trap	wet	0
Quail Ridge	7/29/2014	NJ Light Trap	<i>Aedes vexans</i>	3
			<i>Anopheles quadrimaculatus</i>	37
<b>Trap Total</b>				80 (Avg. 26.7)

**Overall Trap Total** 2,199  
**Overall Trap Average** 57.9



# Larval Surveillance Data

**Start Date:** 7/1/2014

**End Date:** 7/31/2014

## Jonesboro

Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
<b>Treatment Area 1 Sites Inspected</b>						
7/25/2014	3218 Parker Rd. Purcell Tire	Tires	0	No		
	Commerce Dr. Citgo	Tires	0	No		
	Commerce St. Citgo Truck wash and lube	Tires	0	No		
	Raider Tire	Tires	4	Yes		
	Summers Truck Service	Tires	3	Yes		
<b>Total Sites Inspected in Zone 1: 5</b>						
<b>Treatment Area 2 Sites Inspected</b>						
7/9/2014	1190 Cotton Belt	Ditch	0	Yes		
	1401 Nettleton Ave.	Ditch	0	No		
	180 N. Culberhouse	Ditch	0	No		
	2100 Denver Dr.	Ditch	0	No		
	2200 Nettleton Ave.	Ditch	0	No		
	2408 Matthews	Ditch	0	No		
	2500 Alexander Dr.	Ditch	0	No		
	411 Calvery Cove	Ditch	3	Yes		
	615 Access Rd.	Tires	0	Yes		
	800 Hester St.	Ditch	0	No		
	812 Burke St.	Ditch	0	No		
	980 Cotton Belt Rd.	Ditch	0	No		
	CitgomLube & Wash, 5709 Comm. Sq.	Tires	0	Yes		
	Congress CR	Ditch	0	No		

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Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
7/9/2014	Raider Tire, 3206 Industrial	Tires	0	Yes		
	W. Washington	Ditch	4	Yes		
<b>Total Sites Inspected in Zone 2: 16</b>						
<b>Treatment Area 3 Sites Inspected</b>						
7/14/2014	2000 Brazo's	Ditch	1-10	Yes		
<b>Total Sites Inspected in Zone 3: 1</b>						
<b>Treatment Area 5 Sites Inspected</b>						
7/11/2014	1100 Watkins Grove Ln.	Ditch	0	No		
	1901 Fox Meadow Ln.	Ditch	0	No		
	3111 Colony Rd.	Ditch	0	No		
	3309 Rook Rd.	Ditch	0	No		
	3400 Colony Rd.	Ditch	0	No		
	3800 Caraway Rd.	Ditch	0	No		
	4303 South Brook Dr.	Ditch	0	No		
	4401 Country Brook Dr.	Ditch	0	No		
	4500 Finn Rd.	Ditch	0	No		
	5121 Harrisburg Rd.	Ditch	0	No		
	5400 Crowleys Ridge Rd.	Ditch	0	No		
	5618 Summer Pl.	Ditch	0	No		
	APT Dr.	Ditch	0	No		
	Stadium Blvd.	Ditch	0	No		
7/28/2014	1020 Freeman Dr.	Ditch	0	No		
	1100 Watkins Grove	Ditch	0	No		
	1418 Oakhurst St.	Ditch	0	No		
	1608 Troutman	Ditch	0	No		
	2200 Foxmeadow	Ditch	10	Yes		
	2300 Sunny Meadows Dr.	Ditch	0	No		
	2301 Foxmeadow Ln.	Ditch	0	No		

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Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
7/28/2014	305 Puryear St.	culvert	0	No		
	3300 Rook Rd.	Ditch	0	No		
	4015 Industrial Dr.	Ditch	0	No		
	4402 CountryBrook Dr.	Ditch	0	No		
	4403 SothBrook Dr.	Ditch	0	No		
	4622 Richardson	Ditch	0	No		
	5020 Harrisburg Rd.	Ditch	0	No		
	5600 Summer PL.	Ditch	0	No		
	5600 Viney Creek Ln.	Ditch	0	No		
	801 Osler	Ditch	0	No		
	812 Congress	Ditch	0	No		
	Caraway Rd.	Ditch	0	No		
	Crowley's Ridge	Ditch	0	No		
	E. Parker Rd.	Ditch	0	No		

**Total Sites Inspected in Zone 5: 35**

**Treatment Area 7 Sites Inspected**

7/9/2014	32118 Parker Rd.	Tires	0	No		
	Best Dr.	Tires	0	No		
7/25/2014	1225 Magnolia	Ditch	3	Yes		
	1903 Patrick St.	Ditch	0	No		
	303 Bradley	Ditch	0	No		
	303 Bradley St.	Ditch	0	No		
	815 N. Main	Ditch	1-10	Yes		
	901 N. Madison	Large puddle by church	0	No		
	901 N. Madison St.	Large Puddle by church	0	No		
	Magnolia	Ditch	1-10	Yes		
N. Patrick	Ditch	5	Yes			
Thomas Green 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>
7/25/2014	Thomas Greene Rd.	Ditch	0	No		
<b>Total Sites Inspected in Zone 7: 13</b>						
<b>Treatment Area 8 Sites Inspected</b>						
7/9/2014	1020 Aggie Rd.	Ditch	0	No		
	1310 Aggie Rd.	Ditch	0	No		
7/14/2014	3000 Dayton St.	Ditch	0	No		
7/16/2014	1000 Creath Ave.	Ditch	0	No		
	108 Patrick St.	Ditch	0	No		
	200 Burke St.	Ditch	3	Yes		
<b>Total Sites Inspected in Zone 8: 6</b>						



# Larvicide Applications

Start Date: 7/1/2014

End Date: 7/31/2014

## Jonesboro

Date	Location	Habitat	No. of Larvae	Larvicide	Amount Applied (oz.)	Area Treated (sq ft)
<b>Treatment Area 1 Applications</b>						
7/25/2014	Raider Tire	Tires	4	Aquabac 200G (62637-3)	2.0	0.0
	Summers Truck Service	Tires	3	Aquabac 200G (62637-3)	1.0	0.0
<b>Total Ounces Applied:</b>					3.0	0.0
						0.0 acres
<b>Total Larvicide Applied in Zone 1:</b>					3.0	0.0
						0.0 acres
<b>Treatment Area 2 Applications</b>						
7/9/2014	1190 Cotton Belt	Ditch	0	Aquabac 200G (62637-3)	4.0	37.0
	411 Calvery Cove	Ditch	3	Aquabac 200G (62637-3)	3.0	21.0
	615 Access Rd.	Tires	0	Aquabac 200G (62637-3)	10.0	0.0
	CitgomLube & Wash, 5709 Comm. Sq.	Tires	0	Aquabac 200G (62637-3)	1.0	0.0
	Raider Tire, 3206 Industrial	Tires	0	Aquabac 200G (62637-3)	2.0	0.0
	W. Washington	Ditch	4	Aquabac 200G (62637-3)	4.0	300.0
<b>Total Ounces Applied:</b>					24.0	358.0
						0.0 acres
<b>Total Larvicide Applied in Zone 2:</b>					24.0	358.0
						0.0 acres
<b>Treatment Area 3 Applications</b>						
7/14/2014	2000 Brazo's	Ditch	1-10	Aquabac 200G (62637-3)	4.0	24.0
<b>Total Ounces Applied:</b>					4.0	24.0
						0.0 acres
<b>Total Larvicide Applied in Zone 3:</b>					4.0	24.0
						0.0 acres

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<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>No. of Larvae</b>	<b>Larvicide</b>	<b>Amount Applied (oz.)</b>	<b>Area Treated (sq ft)</b>
<b>Treatment Area 5 Applications</b>						
7/28/2014	2200 Foxmeadow	Ditch	10	Aquabac 200G (62637-3)	3.0	10.0
<b>Total Ounces Applied:</b>					3.0	10.0 0.0 acres
<b>Total Larvicide Applied in Zone 5:</b>					3.0	10.0 0.0 acres
<b>Treatment Area 7 Applications</b>						
7/25/2014	1225 Magnolia	Ditch	3	Aquabac 200G (62637-3)	8.0	100.0
	815 N. Main	Ditch	1-10	Aquabac 200G (62637-3)	4.0	60.0
	Magnolia	Ditch	1-10	Aquabac 200G (62637-3)	4.0	60.0
	N. Patrick	Ditch	5	Aquabac 200G (62637-3)	16.0	200.0
<b>Total Ounces Applied:</b>					32.0	420.0 0.0 acres
<b>Total Larvicide Applied in Zone 7:</b>					32.0	420.0 0.0 acres
<b>Treatment Area 8 Applications</b>						
7/16/2014	200 Burke St.	Ditch	3	Aquabac 200G (62637-3)	8.0	300.0
<b>Total Ounces Applied:</b>					8.0	300.0 0.0 acres
<b>Total Larvicide Applied in Zone 8:</b>					8.0	300.0 0.0 acres
<b>Overall Total Ounces Applied</b>					74.0	1,112.0 0.0 acres



# Ground Adulticide Applications

Start Date: 7/1/2014      End Date: 7/31/2014

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
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Treatment Area Applications									
July 2014	7/4/2014		Kontrol 31-67 (73748-6)	1:4	26.0	59.0	214.0	2.2	
					<i>Total Kontrol 31-67 Applied:</i>				
					<b>Zone Totals:</b>	<b>26.0</b>	<b>59.0</b>	<b>214.0</b>	<b>2.2</b>

Treatment Area 1 Applications								
July 2014	7/2/2014		Kontrol 31-67 (73748-6)	1:4	66.0	25.2	914.0	6.7
	7/4/2014		Kontrol 31-67 (73748-6)	1:4	32.0	21.4	776.0	48.9
	7/4/2014		Kontrol 31-67 (73748-6)	1:4	48.0	30.6	1110.0	6.5
	7/7/2014		Kontrol 31-67 (73748-6)	1:4	0.0	0.0	0.0	0.0
	7/10/2014		Kontrol 31-67 (73748-6)	1:4	64.0	34.7	1259.0	8.0
	7/11/2014		Kontrol 31-67 (73748-6)	4-1	155.0	67.1	2434.0	16.3
	7/12/2014		Kontrol 31-67 (73748-6)	4-1	46.0	27.8	1008.0	8.4

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
July 2014	7/16/2014		Kontrol 31-67 (73748-6)	1:4	42.0	26.6	965.0	8.2
	7/28/2014		Kontrol 31-67 (73748-6)	1:4	44.0	39.4	1430.0	9.5
	<i>Total Kontrol 31-67 Applied: 112.4</i>							
<b>Treatment Area 2 Applications</b>								
July 2014	7/5/2014		Kontrol 31-67 (73748-6)	1:4	48.0	22.5	816.0	4.0
	7/9/2014		Kontrol 31-67 (73748-6)	1:4	49.0	30.1	1092.0	8.3
	7/13/2014		Kontrol 31-67 (73748-6)	4-1	25.0	12.6	457.0	3.7
	7/18/2014		Kontrol 31-67 (73748-6)	1:4	52.0	31.4	1139.0	8.6
	7/22/2014		Kontrol 31-67 (73748-6)	1:4	35.0	53.0	1927.3	5.9
7/23/2014		Kontrol 31-67 (73748-6)	1:4	47.0	32.6	1182.0	7.5	
7/30/2014		Kontrol 31-67 (73748-6)	1:4	46.0	31.8	1154.0	7.3	
<i>Total Kontrol 31-67 Applied: 45.4</i>								
<b>Zone 2 Totals:</b>				<b>302.0</b>	<b>214.0</b>	<b>7,767.3</b>	<b>45.4</b>	

**Treatment Area 3 Applications**

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
July 2014	7/3/2014		Kontrol 31-67 (73748-6)	1:4	54.0	32.3	1172.0	8.6
	7/7/2014		Kontrol 31-67 (73748-6)	1:4	58.0	23.3	844.0	4.5
	7/14/2014		Kontrol 31-67 (73748-6)	4-1	50.0	23.9	867.0	6.0
	7/17/2014		Kontrol 31-67 (73748-6)	1:4	58.0	23.9	867.0	6.9
	7/21/2014		Kontrol 31-67 (73748-6)	4-1	45.0	28.3	1027.0	8.0
	7/23/2014		Kontrol 31-67 (73748-6)	1:4	47.0	34.7	1259.0	8.4
	7/25/2014		Kontrol 31-67 (73748-6)	4-1	73.0	25.6	928.0	4.4
<i>Total Kontrol 31-67 Applied: 46.9</i>								
<b>Zone 3 Totals:</b>					<b>385.0</b>	<b>192.0</b>	<b>6,964.0</b>	<b>46.9</b>

**Treatment Area 4 Applications**

July 2014	7/2/2014		Kontrol 31-67 (73748-6)	1:4	64.0	29.9	1085.0	4.8
	7/2/2014		Kontrol 31-67 (73748-6)	1:4	60.0	41.7	1513.0	9.8
	7/8/2014		Kontrol 31-67 (73748-6)	1:4	58.0	38.8	1407.0	8.9
	7/11/2014		Kontrol 31-67 (73748-6)	4-1	0.0	0.0	0.0	8.0

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
July 2014	7/11/2014		Kontrol 31-67 (73748-6)	4-1	52.0	31.2	1132.0	7.8
	7/13/2014		Kontrol 31-67 (73748-6)	4-1	31.0	18.3	61.5	17.4
	7/14/2014		Kontrol 31-67 (73748-6)	4-1	49.0	25.0	907.0	6.3
	7/16/2014		Kontrol 31-67 (73748-6)	1-4	42.0	29.3	1063.0	0.1
	7/18/2014		Kontrol 31-67 (73748-6)	1-4	38.0	26.9	976.0	8.8
	7/19/2014		Kontrol 31-67 (73748-6)	1-4	55.0	54.6	1005.0	6.5
	7/22/2014		Kontrol 31-67 (73748-6)	1-4	55.0	30.9	1121.0	8.0
	7/23/2014		Kontrol 31-67 (73748-6)	1-4	53.0	3.1	111.0	0.6
	7/25/2014		Kontrol 31-67 (73748-6)	4-1	55.0	34.3	1245.0	9.2
	7/28/2014		Kontrol 31-67 (73748-6)	1-4	48.0	31.6	1147.0	8.6
	7/28/2014		Kontrol 31-67 (73748-6)	1-4	48.0	38.0	1379.0	8.9
<i>Total Kontrol 31-67 Applied:</i>								113.8
<b>Zone 4 Totals:</b>				<b>708.0</b>	<b>433.6</b>	<b>14,152.5</b>	<b>113.8</b>	

Treatment Area 5 Applications

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
July 2014	7/3/2014		Kontrol 31-67 (73748-6)	1:4	0.0	0.0	722.0	0.1
	7/8/2014		Kontrol 31-67 (73748-6)	1:4	80.0	31.1	1128.0	6.4
	7/9/2014		Kontrol 31-67 (73748-6)	1:4	49.0	33.2	1204.0	8.6
	7/13/2014		Kontrol 31-67 (73748-6)	4-1	31.0	15.9	576.0	3.8
	7/13/2014		Kontrol 31-67 (73748-6)	4-1	36.0	17.8	645.0	4.9
	7/16/2014		Kontrol 31-67 (73748-6)	1:4	48.0	29.4	1066.0	7.4
	7/17/2014		Kontrol 31-67 (73748-6)	1:4	0.0	0.0	0.0	4.3
	7/19/2014		Kontrol 31-67 (73748-6)	1:4	42.0	24.3	882.0	8.3
	7/21/2014		Kontrol 31-67 (73748-6)	4-1	59.0	11.4	413.0	2.8
	7/21/2014		Kontrol 31-67 (73748-6)	4-1	39.0	26.0	943.0	8.1
	7/25/2014		Kontrol 31-67 (73748-6)	4-1	48.0	30.2	1096.0	9.3
	7/25/2014		Kontrol 31-67 (73748-6)	4-1	60.0	40.3	1211.9	11.4
				<i>Total Kontrol 31-67 Applied:</i>				75.5
July 2014	7/1/2014		Permanone 31-66 (432-1250)	1:4	38.0	8.2	296.0	4.2

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
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Treatment Area 6 Applications

July 2014	7/5/2014		Kontrol 31-67 (73748-6)	1:4	72.0	31.5	114.1	7.4
	7/7/2014		Kontrol 31-67 (73748-6)	1:4	61.0	37.7	1368.0	8.8
	7/9/2014		Kontrol 31-67 (73748-6)	1:4	56.0	29.6	1074.0	7.1
	7/11/2014		Kontrol 31-67 (73748-6)	4-1	62.0	28.1	1020.0	8.1
	7/17/2014		Kontrol 31-67 (73748-6)	1:4	41.0	30.7	1114.0	10.0
	7/18/2014		Kontrol 31-67 (73748-6)	1:4	53.0	39.4	1430.0	8.8
	7/23/2014		Kontrol 31-67 (73748-6)	1:4	50.0	26.4	958.0	6.9
	7/25/2014		Kontrol 31-67 (73748-6)	4-1	60.0	38.6	1400.0	8.2
<i>Total Kontrol 31-67 Applied:</i>								
								65.3
July 2014	7/1/2014		Permanone 31-66 (432-1250)	1:4	45.0	22.9	831.0	5.6
<i>Total Permanone 31-66 Applied:</i>								
								5.6

Treatment Area 7 Applications

				<i>Total Permanone 31-66 Applied:</i>				
								4.2
				<i>Zone 5 Totals:</i>				
				530.0	267.8	10,182.9		79.6
				<i>Zone 6 Totals:</i>				
				500.0	284.9	9,309.1		70.9

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
July 2014	7/22/2014		Kontrol 31-67 (73748-6)	1:4	48.0	33.5	1215.0	8.1

*Total Kontrol 31-67 Applied: 8.1*

**Treatment Area 8 Applications**

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
July 2014	7/3/2014		Kontrol 31-67 (73748-6)	1:4	7.0	3.2	116.0	9.6
	7/8/2014		Kontrol 31-67 (73748-6)	1:4	56.0	30.1	1092.0	6.8
	7/10/2014		Kontrol 31-67 (73748-6)	1:4	60.0	22.8	827.0	6.1
	7/14/2014		Kontrol 31-67 (73748-6)	4-1	43.0	36.4	1320.0	8.5
	7/17/2014		Kontrol 31-67 (73748-6)	1:4	48.0	39.1	1418.0	9.2
	7/18/2014		Kontrol 31-67 (73748-6)	1:4	49.0	36.2	1314.0	9.2
	7/18/2014		Kontrol 31-67 (73748-6)	1:4	47.0	31.3	1136.0	5.4
	7/24/2014		Kontrol 31-67 (73748-6)	1:4	33.0	26.1	947.0	6.7
	7/30/2014		Kontrol 31-67 (73748-6)	1:4	34.0	33.2	1209.8	7.7

*Total Kontrol 31-67 Applied: 69.2*

**Zone 8 Totals: 377.0 258.4 9,379.8 69.2**

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed	
<b>Treatment Area 9 Applications</b>									
July 2014	7/1/2014		Permanone 31-66 (432-1250)	1:4	57.0	10.3	373.0	3.2	
					<i>Total Permanone 31-66 Applied:</i>				
					<b>Zone 9 Totals:</b>	<b>57.0</b>	<b>10.3</b>	<b>373.0</b>	<b>3.2</b>
<b>Treatment Area 10 Applications</b>									
July 2014	7/10/2014		Kontrol 31-67 (73748-6)	1:4	47.0	21.1	765.0	6.1	
	7/12/2014		Kontrol 31-67 (73748-6)	4-1	0.0	0.0	0.0	4.4	
	7/15/2014		Kontrol 31-67 (73748-6)	1:4	51.0	22.6	820.0	5.1	
	7/16/2014		Kontrol 31-67 (73748-6)	1:4	43.0	30.4	1103.0	8.8	
	7/18/2014		Kontrol 31-67 (73748-6)	1:4	37.0	30.8	1116.0	7.3	
	7/22/2014		Kontrol 31-67 (73748-6)	1:4	44.0	30.4	1103.0	5.2	
	7/24/2014		Kontrol 31-67 (73748-6)	1:4	0.0	0.0	0.0	4.4	
	7/30/2014		Kontrol 31-67 (73748-6)	1:4	52.0	25.8	936.0	3.8	
					<i>Total Kontrol 31-67 Applied:</i>				
July 2014	7/1/2014		Permanone 31-66 (432-1250)	1:4	33.0	15.9	577.0	5.2	

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## Summary of Service Requests

Start Date: 7/1/2014      End Date: 7/31/2014

**Jonesboro**

Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites with Mosquitoes		Total Amount of		
						Larvicide Applied	Adulticide Applied			
July 2014		0	4	4	No Action Required:	0	Eggs:	0	0.00 oz	155.0 oz
					Emptied Containers:	0	Larvae:	0		
					Biological Control:	0	Pupae:	0		
					Larvicided:	0	Adults:	0		
					Adulticided:	4				
					Needed to Return:	0				
					No Action Required:	0	Eggs:	0	0.00 oz	75.0 oz
					Emptied Containers:	0	Larvae:	0		
					Biological Control:	0	Pupae:	0		
					Larvicided:	0	Adults:	0		
Adulticided:	6									
Needed to Return:	0									
July 2014		2	26	26	No Action Required:	0	Eggs:	0	0.00 oz	853.0 oz
					Emptied Containers:	0	Larvae:	0		
					Biological Control:	0	Pupae:	0		
					Larvicided:	0	Adults:	0		
					Adulticided:	26				
					Needed to Return:	0				
					No Action Required:	0	Eggs:	0	0.00 oz	853.0 oz
					Emptied Containers:	0	Larvae:	0		
					Biological Control:	0	Pupae:	0		
					Larvicided:	0	Adults:	0		
Adulticided:	26									
Needed to Return:	0									

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Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites		Total Amount of Larvicide Applied	Total Amount of Adulticide Applied					
						with Mosquitoes	Larvicide Applied							
July 2014		3	13	13	No Action Required:	0	Eggs:	0.00 oz	683.0 oz					
					Emptied Containers:	0	Larvae:	0						
					Biological Control:	0	Pupae:	0						
					Larvicided:	0	Adults:	0						
					Adulticided:	13								
					Needed to Return:	0								
					July 2014		4	16	16	No Action Required:	0	Eggs:	0.00 oz	537.0 oz
										Emptied Containers:	0	Larvae:	0	
										Biological Control:	0	Pupae:	0	
										Larvicided:	0	Adults:	0	
Adulticided:	16													
Needed to Return:	0													
July 2014		5	19	19						No Action Required:	0	Eggs:	0.00 oz	710.0 oz
										Emptied Containers:	0	Larvae:	0	
										Biological Control:	0	Pupae:	0	
										Larvicided:	0	Adults:	0	
					Adulticided:	19								
					Needed to Return:	0								
					July 2014		6	20	20	No Action Required:	0	Eggs:	0.00 oz	674.0 oz
										Emptied Containers:	0	Larvae:	0	
										Biological Control:	0	Pupae:	0	
										Larvicided:	0	Adults:	0	
Adulticided:	20													
Needed to Return:	0													

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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
July 2014		7	13	13	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 13 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	305.0 oz
July 2014		8	32	32	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 32 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	1390.5 oz
July 2014		9	7	7	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 7 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	195.0 oz
July 2014		10	26	26	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 26 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	675.0 oz

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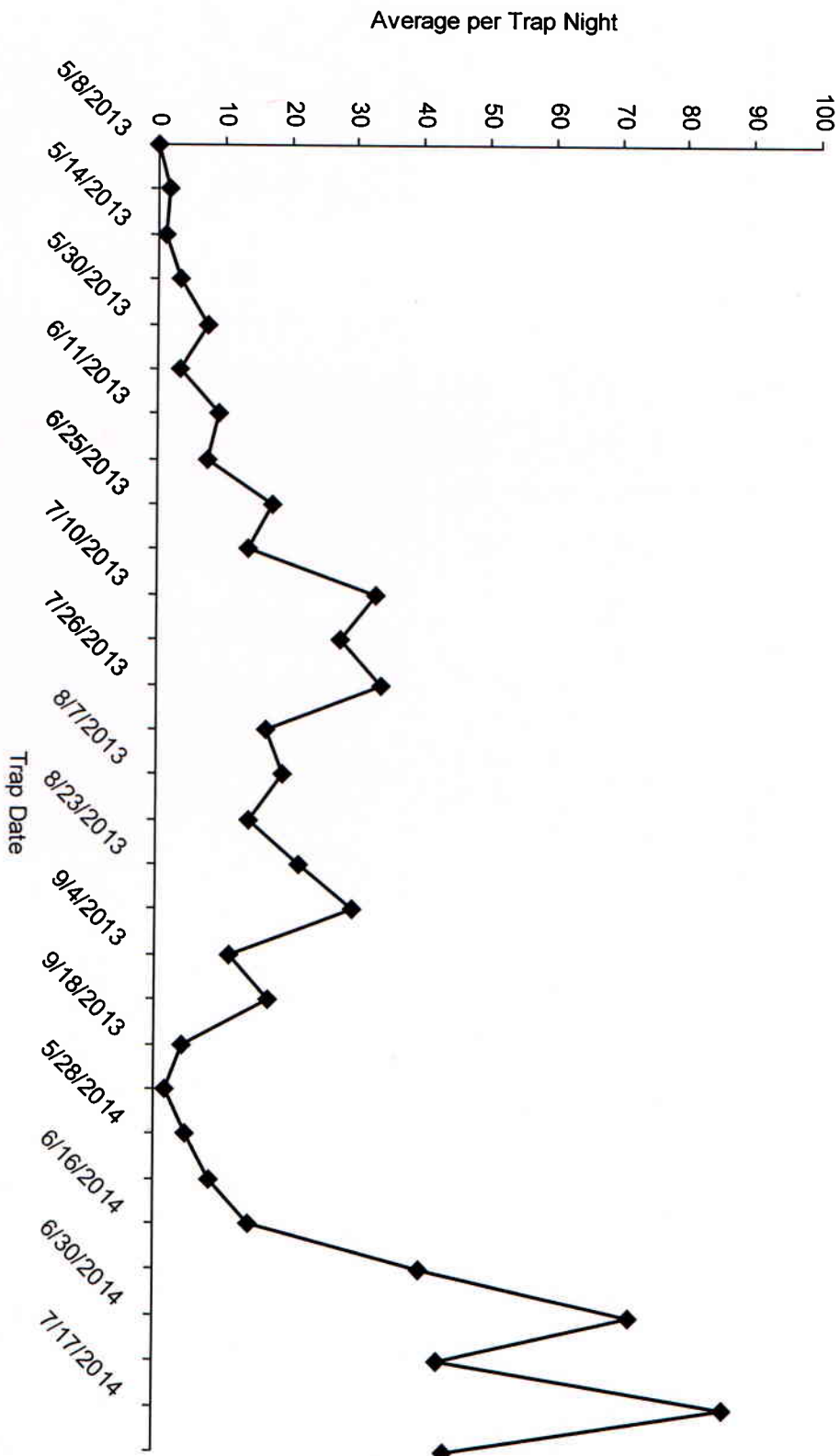
Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites		Total Amount of Larvicide Applied	Total Amount of Adulticide Applied
						with Mosquitoes	Larvicide Applied		
July 2014		11	18	18	No Action Required: 0 Emptied Containers: 0	Eggs: 0 Larvae: 0	0.00 oz	605.0 oz	
					Biological Control: 0 Larvicided: 0 Adulticided: 18 Needed to Return: 0	Pupae: 0 Adults: 0			
<b>Overall Totals:</b>			200	200	NA: 0 EC: 0 BC: 0	LV: 0 AT: 200 NR: 0	0.00 oz	6857.5 oz	





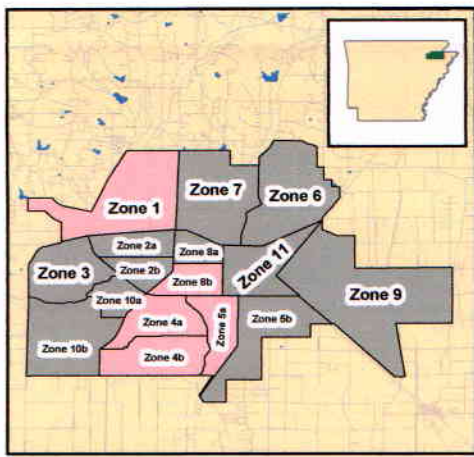
# Adult Mosquito Surveillance Summary

Jonesboro



# The City of Jonesboro, Arkansas

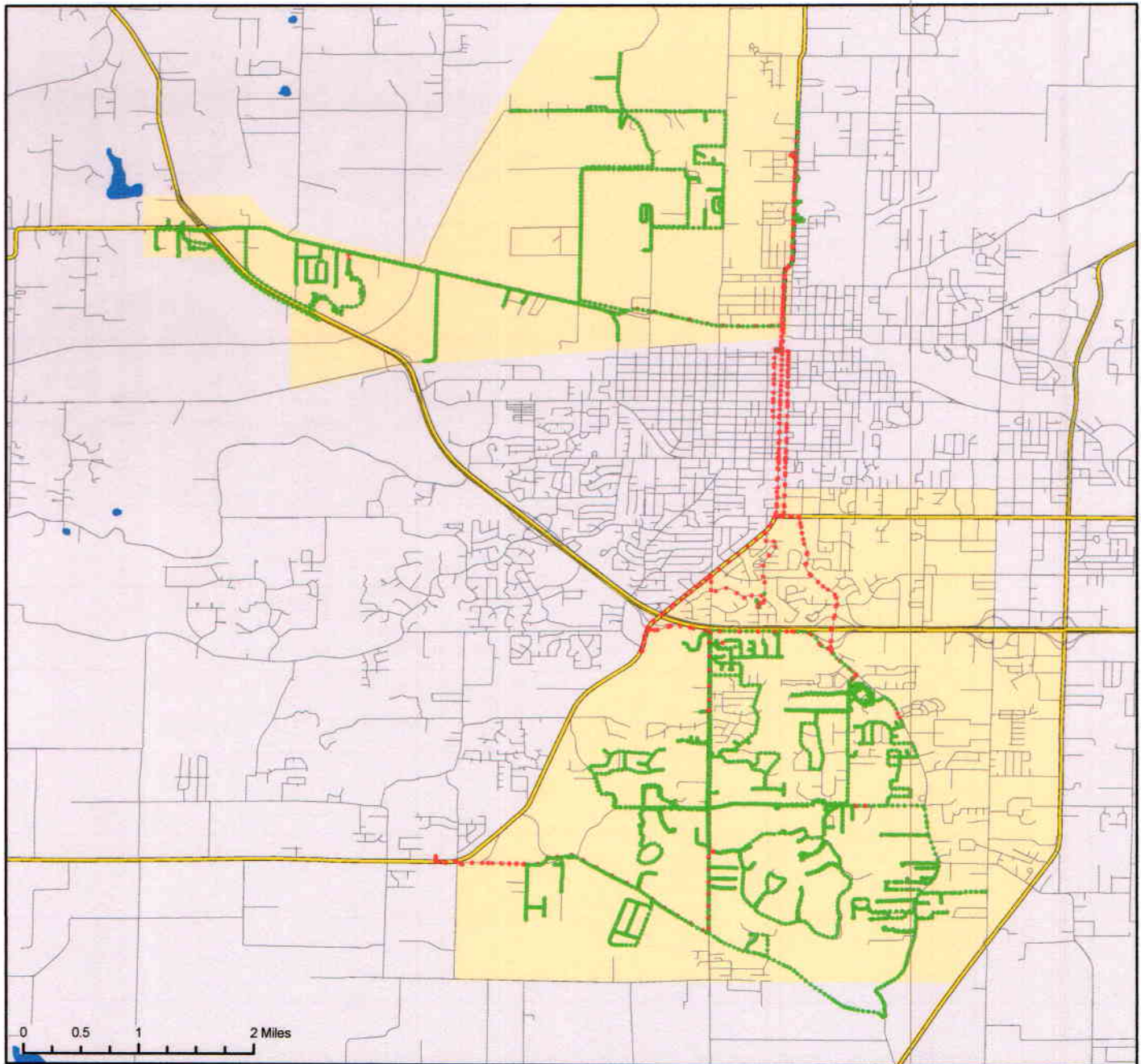
Ground Adulticide Application Date:  
July 28, 2014



### Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 31-67  
Quantity Used: 26.9 gal  
Miles Treated: 109.0  
Acres Treated: 3,956.0

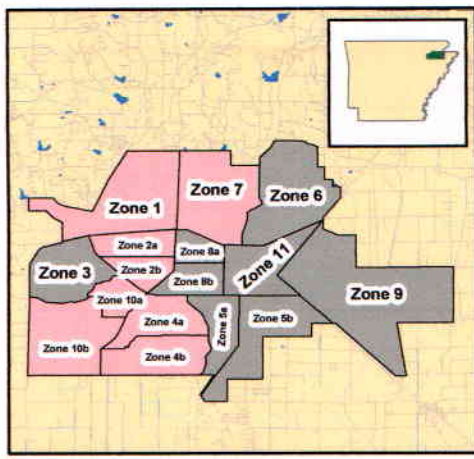


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# The City of Jonesboro, Arkansas

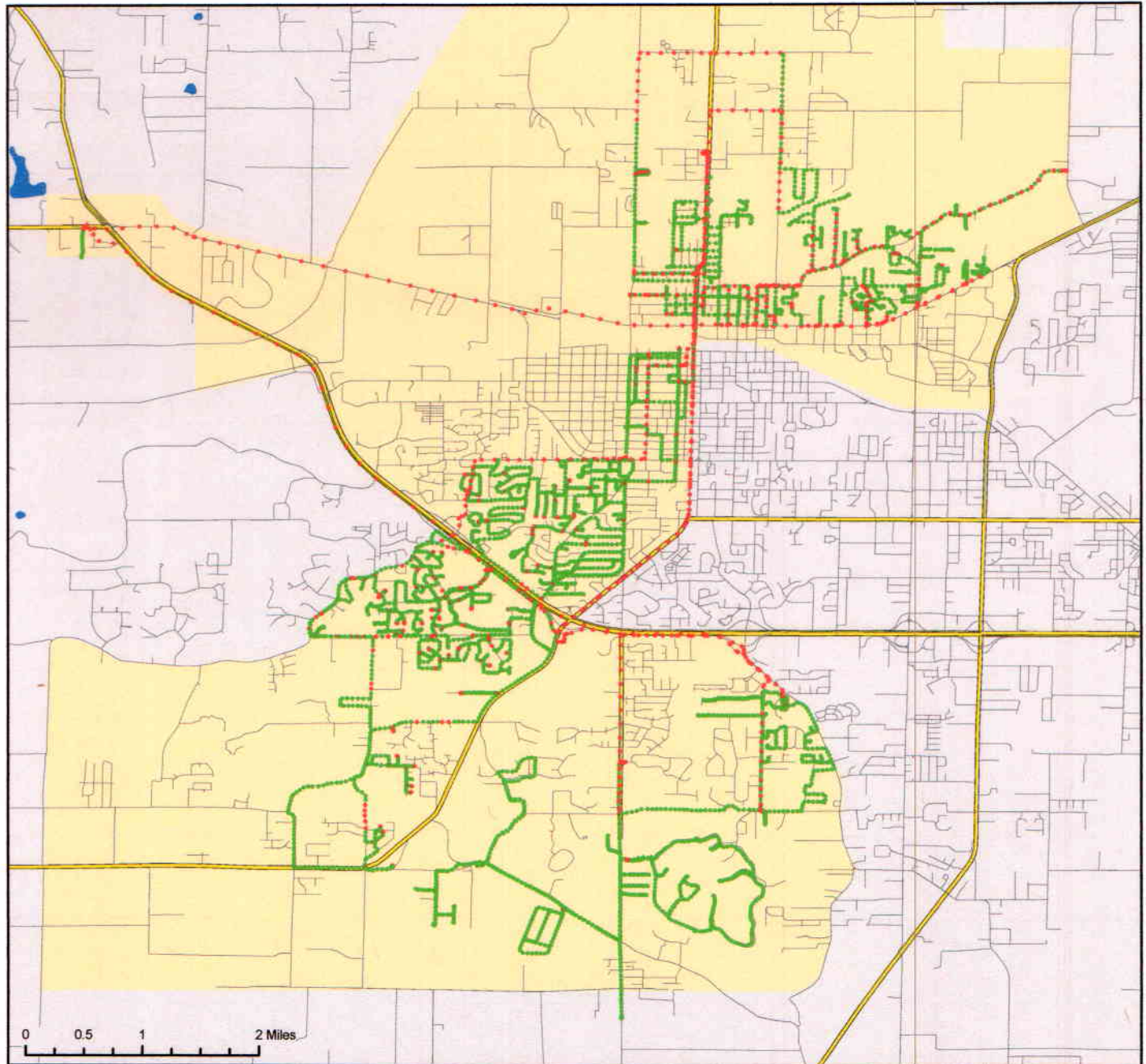
Ground Adulticide Application Date:  
July 22, 2014



## Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 31-67  
Quantity Used: 27.2 gal  
Miles Treated: 125.9  
Acres Treated: 4,567.0

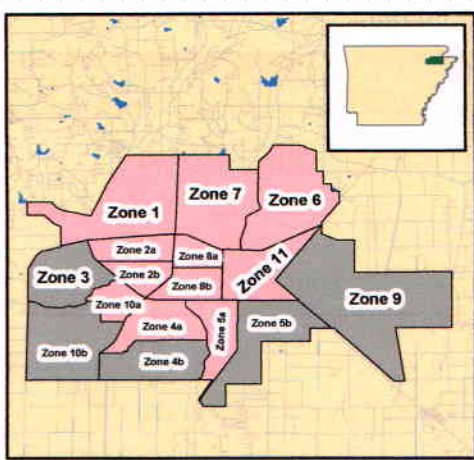


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# The City of Jonesboro, Arkansas

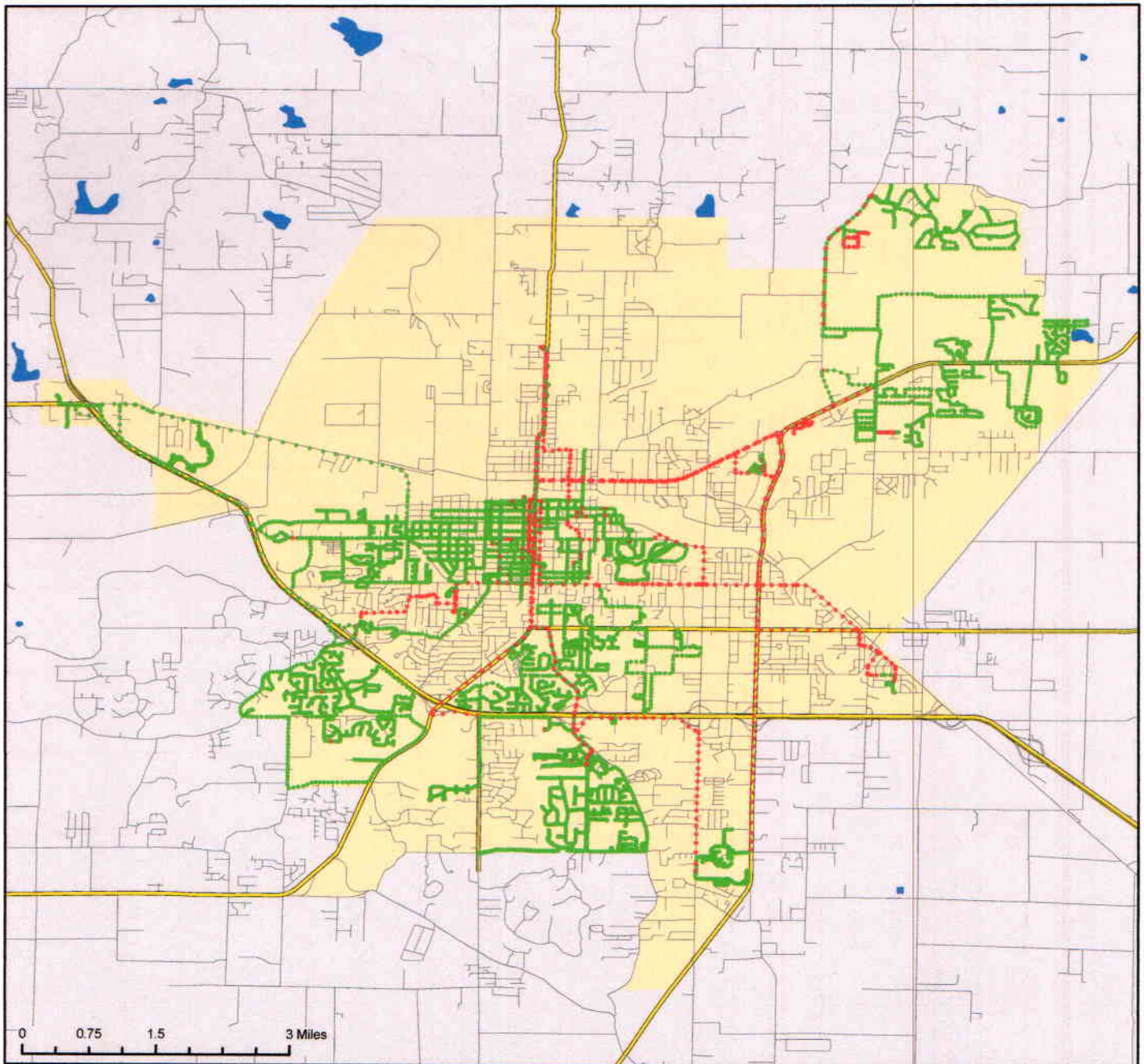
Ground Adulticide Application Date:  
July 18, 2014



## Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 31-67  
Quantity Used: 48.2 gal  
Miles Treated: 196.0  
Acres Treated: 7,111.0

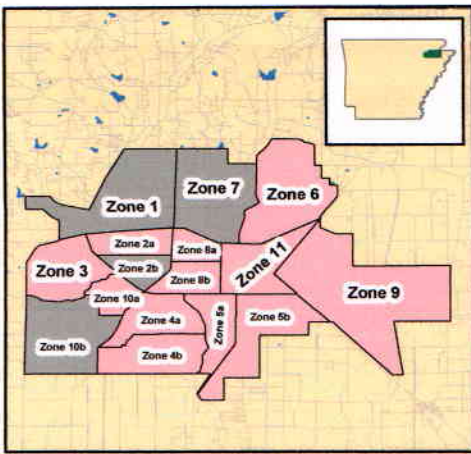


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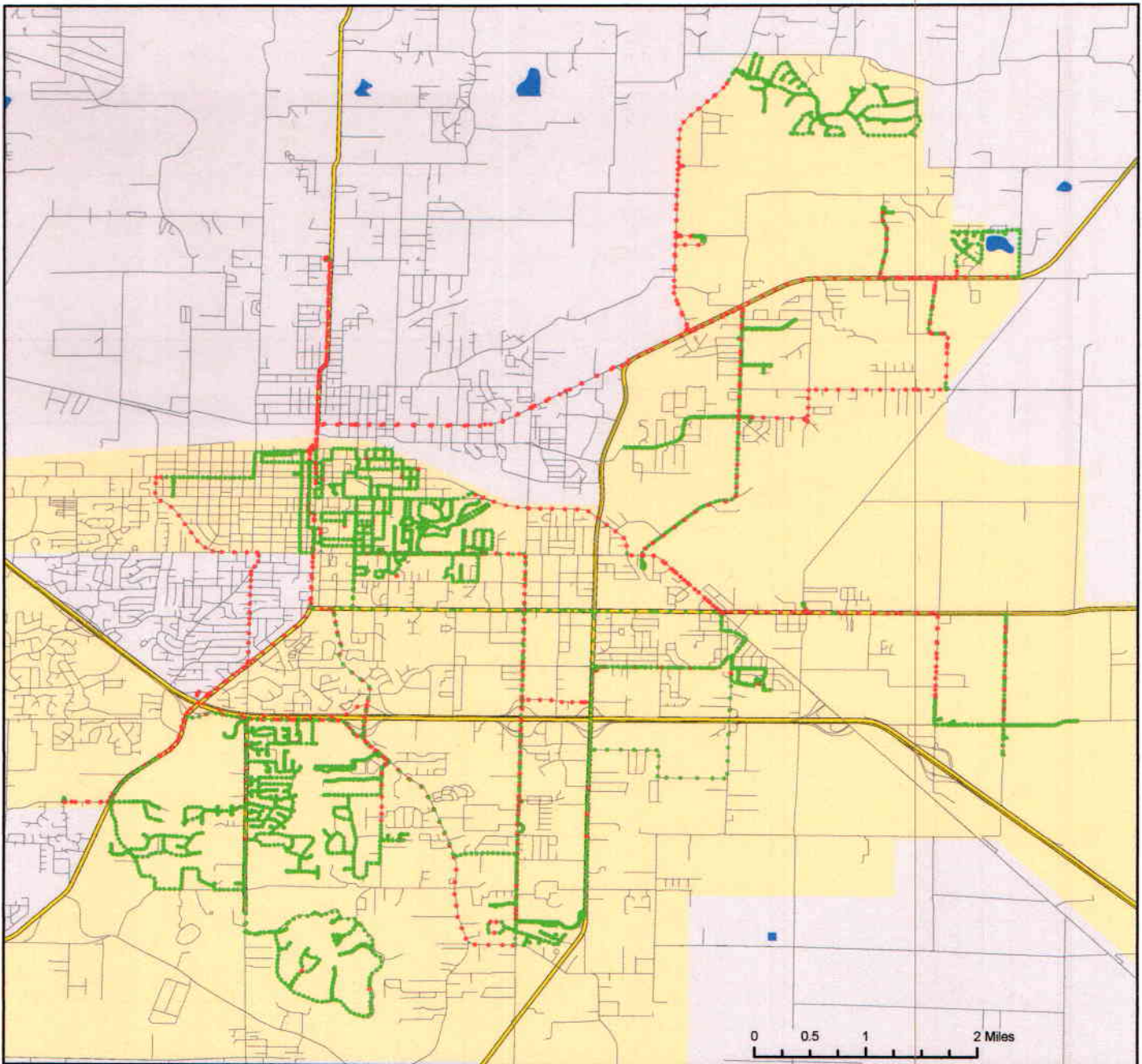
## Ground Adulticide Application Date: July 11, 2014



### Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 31-67  
Quantity Used: 25.7 gal  
Miles Treated: 91.2  
Acres Treated: 3,309.0



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# Craighead County

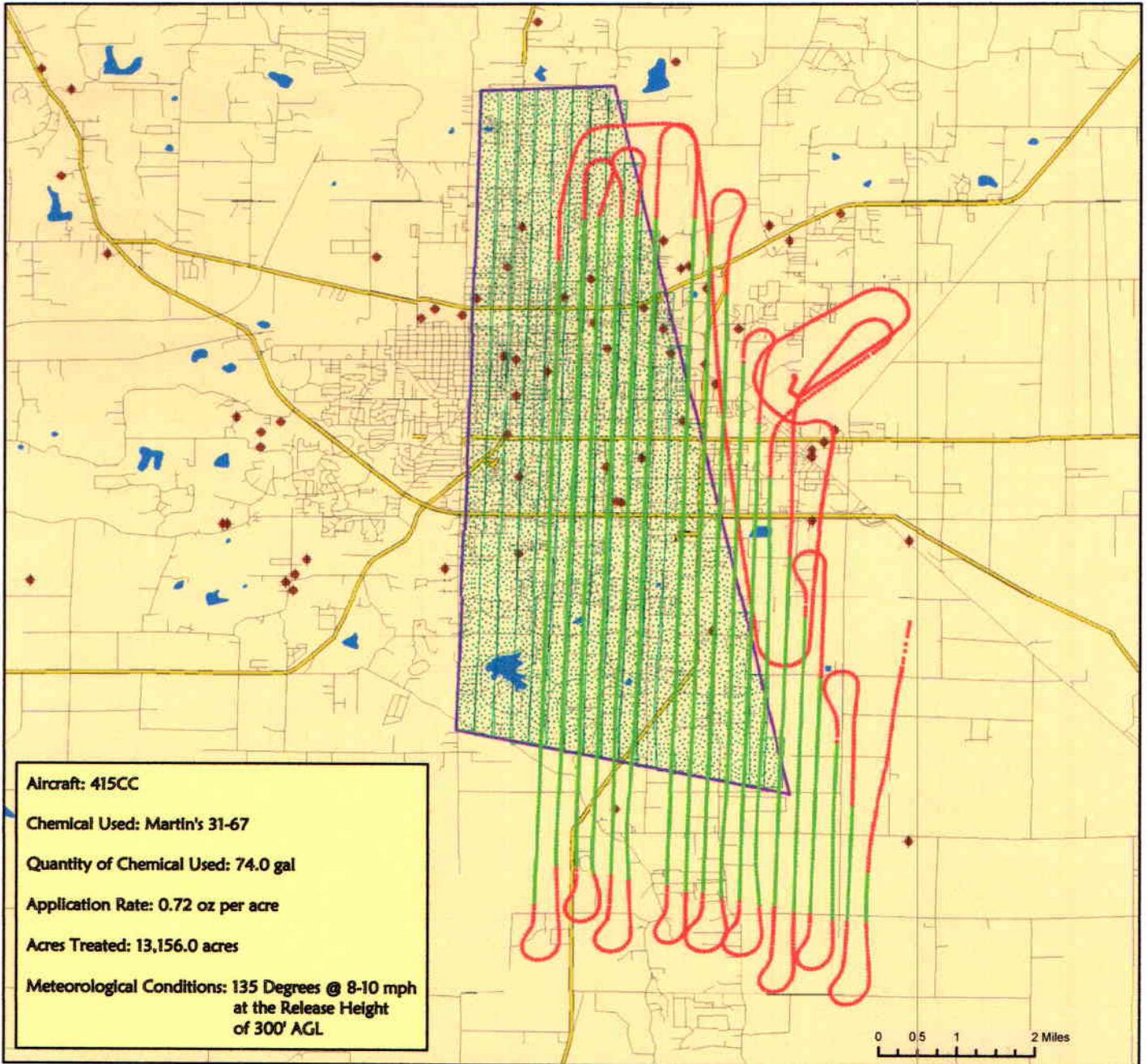


# The City of Jonesboro, Arkansas

Aerial Adulicide Application Date:  
July 25, 2014



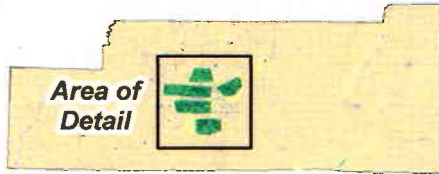
- Flight Line
- Spray Off
- Spray On
- Towers
- Spray Deposition
- Treatment Areas



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# Craighead County

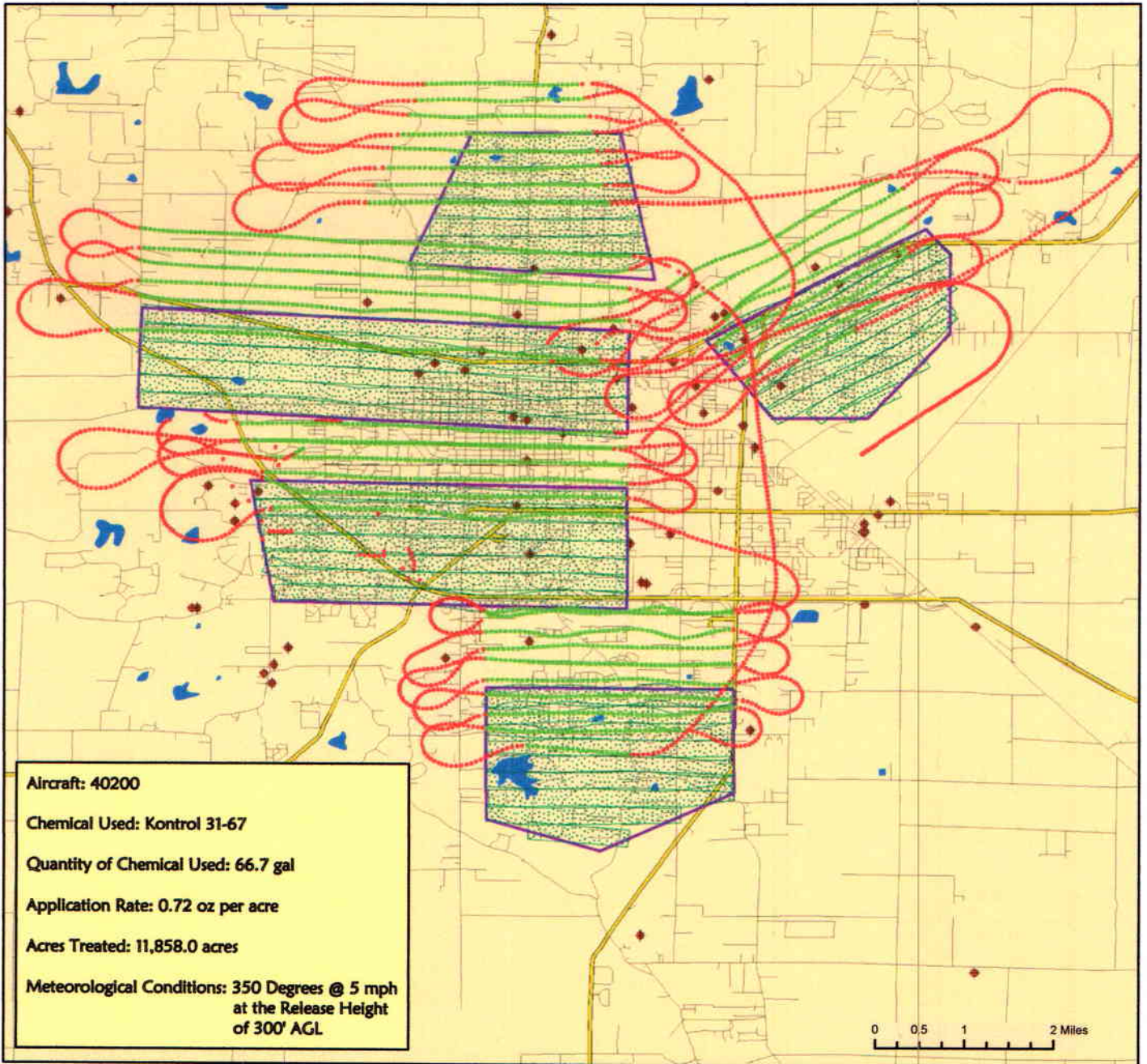


# The City of Jonesboro, Arkansas

Aerial Adulicide Application Date:  
July 15, 2014



- Flight Line
- Spray Off
- Spray On
- Towers
- Spray Deposition
- Treatment Areas



**Aircraft:** 40200  
**Chemical Used:** Kontrol 31-67  
**Quantity of Chemical Used:** 66.7 gal  
**Application Rate:** 0.72 oz per acre  
**Acres Treated:** 11,858.0 acres  
**Meteorological Conditions:** 350 Degrees @ 5 mph  
at the Release Height  
of 300' AGL



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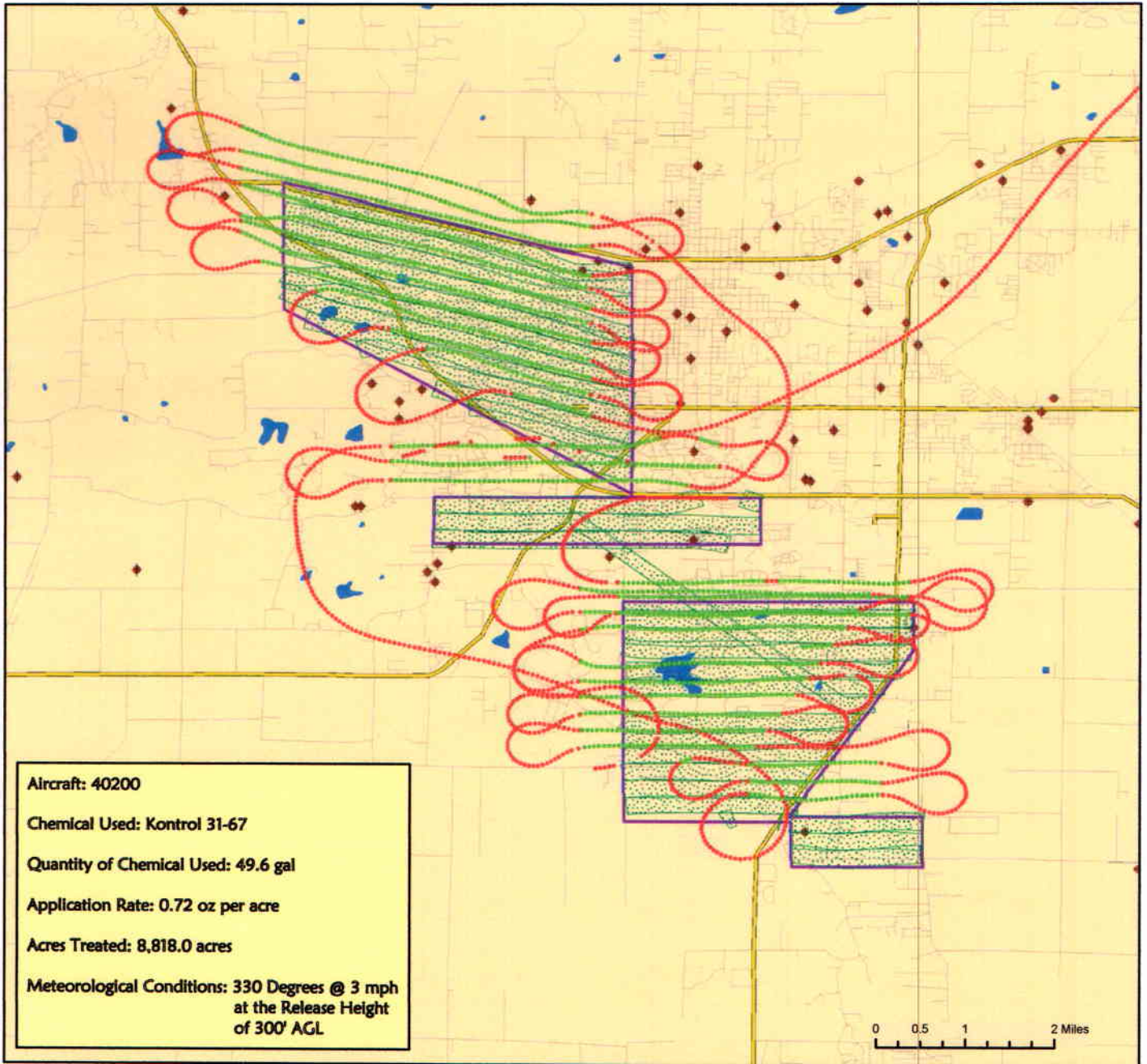


# The City of Jonesboro, Arkansas

Aerial Adulicide Application Date:  
July 2, 2014



- Flight Line** (represented by a red dashed line)
- Spray Off** (represented by a red dot)
- Spray On** (represented by a green dot)
- Towers** (represented by a brown diamond)
- Spray Deposition** (represented by a stippled pattern)
- Treatment Areas** (represented by a purple outline)



**Aircraft:** 40200  
**Chemical Used:** Kontrol 31-67  
**Quantity of Chemical Used:** 49.6 gal  
**Application Rate:** 0.72 oz per acre  
**Acres Treated:** 8,818.0 acres  
**Meteorological Conditions:** 330 Degrees @ 3 mph  
at the Release Height  
of 300' AGL



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