



Vector Disease Control, Inc.

Mosquito Surveillance and Control Report

for the

City of Jonesboro

August 2014

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City of Jonesboro Activity Report

August 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 (14) New Jersey light traps placed in residential and recreational areas throughout Jonesboro during this reporting period. These traps collected an average of 55.8 mosquitoes per trap night (2,850 total mosquitoes) during this time. There have been a total of 3 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, 52 sites were inspected, five sites had the presence of mosquito larvae. As a result of these inspections 2.9 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 (24) 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 3,705.5 spray miles (50,461.3 acres) were treated with a total of 396.9 gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to 50 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: 8/1/2014

End Date: 8/31/2014

Jonesboro

Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Treatment Area 1 Collections				
Shady Lane	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	24
			<i>Anopheles quadrimaculatus</i>	264
			<i>Psorophora columbiae</i>	24
Shady Lane	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	160
Shady Lane	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	312
			<i>Psorophora columbiae</i>	20
Trap Total				804 (Avg. 268)
Straw floor	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	6
			<i>Anopheles quadrimaculatus</i>	26
			<i>Psorophora columbiae</i>	1
Trap Total				33 (Avg. 33)
Treatment Area 2 Collections				
Straw Floor	8/5/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	40
Straw Floor	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	46
Trap Total				86 (Avg. 43)
Strawfloor	8/27/2014	NJ Light Trap	<i>Aedes vexans</i>	2
			<i>Anopheles quadrimaculatus</i>	98
Trap Total				100 (Avg. 100)
Treatment Area 3 Collections				
Ridge Pointe	8/5/2014	NJ Light Trap	<i>Aedes vexans</i>	4
			<i>Anopheles quadrimaculatus</i>	88
			<i>Psorophora columbiae</i>	4
Ridge Pointe	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	6
			<i>Anopheles quadrimaculatus</i>	20
			<i>Psorophora columbiae</i>	2
Ridge Pointe	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	56
Ridge Pointe	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	80
Trap Total				260 (Avg. 65)

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Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Treatment Area 4 Collections				
Part ridge	8/5/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	80
Part ridge	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	16
			<i>Anopheles quadrimaculatus</i>	120
Part ridge	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	30
Part ridge	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	156
Trap Total				402 (Avg. 100.5)
Treatment Area 5 Collections				
Cottage Home Rd.	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	20
Trap Total				20 (Avg. 20)
Derby Dr.	8/5/2014	NJ Light Trap	<i>Psorophora columbiae</i>	1
Derby Dr.	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	4
			<i>Anopheles quadrimaculatus</i>	19
Derby Dr.	8/21/2014	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	44
Trap Total				80 (Avg. 26.7)
Frog Pond	8/5/2014	NJ Light Trap	<i>Aedes vexans</i>	1
			<i>Psorophora columbiae</i>	1
Frog Pond	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	5
			<i>Anopheles quadrimaculatus</i>	7
			<i>Psorophora columbiae</i>	7
Frog Pond	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	38
			<i>Psorophora columbiae</i>	6
Frog Pond	8/27/2014	NJ Light Trap	<i>Aedes vexans</i>	4
			<i>Anopheles quadrimaculatus</i>	50
			<i>Psorophora columbiae</i>	15
Trap Total				134 (Avg. 33.5)
Treatment Area 6 Collections				
Oak Hill	8/5/2014	NJ Light Trap	<i>Anopheles crucians</i>	1
			<i>Anopheles quadrimaculatus</i>	11
Trap Total				12 (Avg. 12)
Oakhill	8/13/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	12
Oakhill	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	36

Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Oakhill	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	15
			<i>Psorophora columbiae</i>	1
				Trap Total 64 (Avg. 21.3)
Pleasant View	8/5/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	7
Pleasant View	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	10
			<i>Anopheles quadrimaculatus</i>	30
Pleasant View	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	52
Pleasant View	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	50
			<i>Psorophora columbiae</i>	6
				Trap Total 155 (Avg. 38.8)
Treatment Area 8 Collections				
Briarcrest	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	2
			<i>Anopheles quadrimaculatus</i>	30
				Trap Total 32 (Avg. 32)
Briarcrest	8/5/2014	NJ Light Trap	<i>Aedes vexans</i>	3
			<i>Anopheles quadrimaculatus</i>	12
				Trap Total 15 (Avg. 15)
Matthews	8/5/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	27
Matthews	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	116
Matthews	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	120
Matthews	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	36
				Trap Total 311 (Avg. 77.8)
Treatment Area 9 Collections				
Cottage Home Rd.	8/5/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	11
			<i>Psorophora columbiae</i>	7
Cottage Home Rd.	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	4
			<i>Anopheles quadrimaculatus</i>	3
			<i>Psorophora columbiae</i>	3
				Trap Total 28 (Avg. 14)
Cottage Home Rdd.	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	36
			<i>Psorophora columbiae</i>	4
				Trap Total 40 (Avg. 40)
Derby Dr.	8/13/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	19

Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Derby Dr.	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	32
Trap Total				51 (Avg. 25.5)

Treatment Area 10 Collections				
Quail Ridge	8/5/2014	NJ Light Trap	<i>Aedes vexans</i>	3
			<i>Anopheles quadrimaculatus</i>	36
Quail Ridge	8/13/2014	NJ Light Trap	<i>Aedes vexans</i>	12
			<i>Anopheles quadrimaculatus</i>	80
Quail Ridge	8/21/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	24
Quail Ridge	8/27/2014	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	68
Trap Total				223 (Avg. 55.8)

Overall Trap Total 2,850
Overall Trap Average 62.0



Larval Surveillance Data

Start Date: 8/1/2014

End Date: 8/31/2014

Jonesboro

Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
Treatment Area 1 Sites Inspected						
8/6/2014	1100 Watkin grove lane	Ditch	0	No		
	1608 Troutman Lane	Ditch	0	No		
	2031 Fox Meadow Lane	Ditch	0	No		
	3309 Rook Rd.	Ditch	0	No		
	3900 South Caraway Rd.	Ditch	0	No		
	4403 South Brook Dr.	Ditch	0	No		
	4404 SouthBrook Dr.	Ditch	0	No		
	4500 Finn Rd.	Ditch	0	No		
	5020 Harrisburg Rd.	Ditch	0	No		
8/11/2014	Purcell Tire 3218 E. Parker Rd.	Tires	0	No		
	Summers Trk Sur. Best Way Rd.	Tires	1-10	Yes		
	Summers Trk Sur. Best Way Rd.	Tires	3	Yes		
8/15/2014	1413 Kellerschapel	tires	0	No		
	1530 Browns Lane	Ditch	0	No		
	300 Mc Daniel St. & 1000 Creath Ave.	culvert	11-50	Yes		
	3206 Industrial Dr.	tires	0	No		
	3218 Parker	tires	0	No		
	400 Houghton	Ditch	0	No		
	5709 Commerce	tires	0	No		
	802 Windover Circle	Ditch	0	No		
	804 Arrohead Dr.	Ditch	0	No		

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Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
8/28/2014	1404 Caraway	tire piles	0	No		
	3157 Parker	tire piles	0	No		
	401 Church	tire piles	0	No		
	4704 Access Rd.	tire piles	0	No		
	5709 Commerce	tire piles	0	No		

Total Sites Inspected in Zone 1: 26

Treatment Area 9 Sites Inspected

8/11/2014	Citgo Trk Wash and Lube 5709 Commerce Sq.	Tires	6	Yes		
	Raider Tire 3286 Industrial Dr.	Tires	1-10	No		
	Raider Tire 3286 Industrial Dr.	Tires	1-10	Yes		
8/20/2014	2004 Kathleen St.	Ditch	0	No		
	2415 Industrial Dr.	Ditch	0	No		
	5100 Krueger Dr.	Ditch	0	No		

Total Sites Inspected in Zone 9: 6

Treatment Area 11 Sites Inspected

8/19/2014	1407 Brittle	Ditch	0	No		
	1603 Matthews	Ditch	0	No		
	2310 Sutton	Ditch	0	No		
	2801 Air Park	Ditch	0	No		
	3018 Parkwood	Ditch	0	No		
	3904 Race	Ditch	0	No		
	Earhart	Ditch	0	No		
8/26/2014	1210 Neil Dr.	Ditch	0	No		
	1410 Nelms St.	Ditch	0	No		
	1704 Copeland St.	Ditch	0	No		
8/27/2014	2000 Watt St.	Ditch	0	No		

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Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
8/27/2014	2125 Fairpark Blvd	Ditch	0	No		
	2600 Richardson Dr.	Ditch	0	No		
	2800 Fairpark Blvd	Ditch	0	No		
	2803 Willow Rd.	Ditch	0	No		
	2933 Industrial Dr.	Ditch	0	No		
	3011 Dayton Ave.	Ditch	0	No		
	3812 Griffin St.	Catch Pond	0	No		
	3900 Race St.	Ditch	0	No		
	Bittle St.	Ditch	0	No		

Total Sites Inspected in Zone 11: 20



Larvicide Applications

Start Date: 8/1/2014

End Date: 8/31/2014

Jonesboro

Date	Location	Habitat	No. of Larvae	Larvicide	Amount Applied (oz.)	Area Treated (sq ft)
Treatment Area 1 Applications						
8/11/2014	Summers Trk Sur. Best Way Rd.	Tires	1-10	Abate 5% (8329-15)	0.1	34.0
	Summers Trk Sur. Best Way Rd.	Tires	3	Abate 5% (8329-15)	0.5	544.5
Total Ounces Applied:					0.6	578.5
						0.0 acres
8/15/2014	300 Mc Daniel St. & 1000 Creath Ave.	culvert	11-50	Aquabac 200G (62637-3)	2.0	25.0
Total Ounces Applied:					2.0	25.0
						0.0 acres
Total Larvicide Applied in Zone 1:					2.6	603.5
						0.0 acres
Treatment Area 9 Applications						
8/11/2014	Citgo Trk Wash and Lube 5709 Commerce Sq.	Tires	6	Abate 5% (8329-15)	0.1	34.0
	Raider Tire 3286 Industrial Dr.	Tires	1-10	Abate 5% (8329-15)	0.1	34.0
Total Ounces Applied:					0.3	68.1
						0.0 acres
Total Larvicide Applied in Zone 9:					0.3	68.1
						0.0 acres
Overall Total Ounces Applied					2.9	671.6
						0.0 acres



Service Request Adulticide Applications

Start Date: 8/1/2014

End Date: 8/31/2014

Jonesboro

Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
Treatment Area 0 Applications					
8/26/2014				0.0	0.00 acres
				<i>Total Applied:</i>	0.0
				(0.0 gals)	0.00 acres
8/1/2014	816 Craighead Road	Kontrol 31-67 (73748-6)	1:5	15.0	0.25 acres
				<i>Total Kontrol 31-67 Applied:</i>	15.0
				(0.1 gals)	0.25 acres
8/20/2014	3705 Harrisburg Rd.	Permanone 31-66 (432-1250)	1:4	75.0	15.00 acres
8/21/2014	816 Craighead Rd.	Permanone 31-66 (432-1250)	1:4	20.0	0.25 acres
8/26/2014	Saduim	Permanone 31-66 (432-1250)	1:4	214.0	5.00 acres
8/28/2014		Permanone 31-66 (432-1250)	1:4	50.0	10.00 acres
				<i>Total Permanone 31-66 Applied:</i>	359.0
				(2.8 gals)	30.25 acres
Treatment Area 1 Applications					
8/14/2014	1400 Arrowhead Farm	Permanone 31-66 (432-1250)	1:4	50.0	20.00 acres
				<i>Total Permanone 31-66 Applied:</i>	50.0
				(0.4 gals)	20.00 acres
Treatment Area 2 Applications					
8/1/2014	1815 Broodmoore Rd.	Kontrol 31-67 (73748-6)	1:4	10.0	0.50 acres
				<i>Total Kontrol 31-67 Applied:</i>	10.0
				(0.1 gals)	0.50 acres
8/14/2014	2110 Trinity Oak Dr.	Permanone 31-66 (432-1250)	1:4	10.0	0.25 acres
8/19/2014	2200 Twin Oaks Ave	Permanone 31-66 (432-1250)	1:5	15.0	0.25 acres
8/22/2014	1815 Broadmoore	Permanone 31-66 (432-1250)	1:4	40.0	1.00 acres
8/26/2014	3106 Woodsprings Rd.	Permanone 31-66 (432-1250)	1:4	25.0	1.00 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated	
				Total Permanone 31-66 Applied:	90.0 (0.7 gals)	2.50 acres
8/14/2014	1406 Red Budd Circle	Wisdom (5481-520)	!oz. Per ga	128.0	0.50 acres	
8/22/2014	920 Pinecrest Dr.	Wisdom (5481-520)	oz. per ga	44.0	0.50 acres	
				Total Wisdom Applied:	172.0 (1.3 gals)	1.00 acres
Treatment Area 3 Applications						
7/29/2014	3824 Casey Springs	Kontrol 31-67 (73748-6)	4-1	45.0	5.00 acres	
8/1/2014	3824 Casey Springs Rd.	Kontrol 31-67 (73748-6)	1:4	20.0	2.00 acres	
8/5/2014	2510 Ridge Point Blvd.	Kontrol 31-67 (73748-6)	1:4	10.0	3.00 acres	
8/7/2014	2510 Ridge Pointe lvd.	Kontrol 31-67 (73748-6)	1:4	320.0	50.00 acres	
				Total Kontrol 31-67 Applied:	395.0 (3.1 gals)	60.00 acres
8/19/2014	2510 Ridge Pointe Blvd	Permanone 31-66 (432-1250)	1:4	25.0	30.00 acres	
8/21/2014	2510 Ridge Pointe Blvd	Permanone 31-66 (432-1250)	1:4	40.0	3.00 acres	
8/22/2014	2510 Ridge Pointe Blvd.	Permanone 31-66 (432-1250)	1:4	25.0	60.00 acres	
				Total Permanone 31-66 Applied:	90.0 (0.7 gals)	93.00 acres
Treatment Area 4 Applications						
8/13/2014	601 Shadow Ridge Dr.	Permanone 31-66 (432-1250)	1:4	75.0	0.50 acres	
8/25/2014	2100 Valley View Dr.	Permanone 31-66 (432-1250)	1:4	30.0	1.00 acres	
				Total Permanone 31-66 Applied:	105.0 (0.8 gals)	1.50 acres
Treatment Area 5 Applications						
7/29/2014	4715 Colony Park Dr.	Kontrol 31-67 (73748-6)	1:4	15.0	0.50 acres	
				Total Kontrol 31-67 Applied:	15.0 (0.1 gals)	0.50 acres
8/18/2014	3914 Willow Rd.	Permanone 31-66 (432-1250)	1:4	25.0	0.50 acres	
8/28/2014	3621 Lexee Dr.	Permanone 31-66 (432-1250)	1:4	75.0	2.00 acres	
				Total Permanone 31-66 Applied:	100.0 (0.8 gals)	2.50 acres

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
8/8/2014	1805 Pine Valley Lane	Suspend SC (432-763)	1oz. Per ga	128.0	1.50 acres
				Total Suspend SC Applied:	128.0 (1.0 gals)
Treatment Area 6 Applications					
8/7/2014	3907 Hill Dr.	Kontrol 31-67 (73748-6)	1:4	45.0	0.50 acres
				Total Kontrol 31-67 Applied:	45.0 (0.4 gals)
8/18/2014	Alabama Rd.	Permanone 31-66 (432-1250)	1:4	20.0	0.50 acres
8/20/2014	5023 Lynette St.	Permanone 31-66 (432-1250)	1:4	40.0	2.00 acres
				Total Permanone 31-66 Applied:	60.0 (0.5 gals)
Treatment Area 8 Applications					
8/12/2014		Permanone 31-66 (432-1250)	1:4	175.0	20.00 acres
8/19/2014		Permanone 31-66 (432-1250)	1:4	25.0	1.00 acres
8/20/2014		Permanone 31-66 (432-1250)	1:4	20.0	0.50 acres
8/20/2014	2305 Bernard St.	Permanone 31-66 (432-1250)	1:4	25.0	1.00 acres
8/21/2014	602 Wilkins	Permanone 31-66 (432-1250)	1:4	20.0	1.00 acres
8/21/2014		Permanone 31-66 (432-1250)	1:4	20.0	1.00 acres
8/22/2014		Permanone 31-66 (432-1250)	1:4	25.0	3.00 acres
8/25/2014	116 Briar Crest Court	Permanone 31-66 (432-1250)	1:4	10.0	0.50 acres
8/26/2014	951 N. Patrick	Permanone 31-66 (432-1250)	1:4	85.0	40.00 acres
				Total Permanone 31-66 Applied:	405.0 (3.2 gals)
8/6/2014	619 Shadow Lane	Suspend SC (432-763)	1:4	13.0	0.50 acres
				Total Suspend SC Applied:	13.0 (0.1 gals)
8/15/2014	1410 Woodbury Lane	Wisdom (5481-520)	1:4	128.0	1.00 acres
8/15/2014	1104 Marjorie Dr.	Wisdom (5481-520)	1oz. Per ga	64.0	1.00 acres
				Total Wisdom Applied:	192.0 (1.5 gals)

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Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
Treatment Area 10 Applications					
8/4/2014	3106 Woodsprings Rd.	Kontrol 31-67 (73748-6)	1:4	40.0	1.00 acres
				Total Kontrol 31-67 Applied:	40.0 (0.3 gals)
8/14/2014	3007 Carolina Dr.	Permanone 31-66 (432-1250)	1:4	15.0	0.75 acres
8/18/2014	2010 Kellers Chapel Rd.	Permanone 31-66 (432-1250)	1:4	25.0	1.00 acres
8/19/2014	3106 Wood Spring Rd.	Permanone 31-66 (432-1250)	1:4	20.0	1.00 acres
8/22/2014	3206 Ashwood Dr.	Permanone 31-66 (432-1250)	1:4	20.0	0.50 acres
8/25/2014	2011 Paula Dr.	Permanone 31-66 (432-1250)	1:4	25.0	0.50 acres
				Total Permanone 31-66 Applied:	105.0 (0.8 gals)
Treatment Area 11 Applications					
8/1/2014	4904 E. Highland	Kontrol 31-67 (73748-6)	1:4	15.0	0.50 acres
8/4/2014	3014B Pinefield Cove	Kontrol 31-67 (73748-6)	1:4	25.0	0.25 acres
				Total Kontrol 31-67 Applied:	40.0 (0.3 gals)
				Grand Totals	2,429.0 (19.0 gals)
					292.50 acres



Ground Adulticide Applications

Start Date: 8/1/2014 End Date: 8/31/2014

Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Treatment Area 1 Applications								
August 2014	8/4/2014		()	Neat	0.0	0.0	0.0	0.0
August 2014	8/6/2014		Kontrol 31-67 (73748-6)	1:4	37.0	26.7	968.0	5.3
August 2014	8/11/2014		Kontrol 31-67 (73748-6)	4-1	0.0	0.0	0.0	0.0
					<i>Total Applied:</i>			
					0.0 26.7 968.0 5.3			
August 2014	8/15/2014		Permanone 31-66 (432-1250)	1:4	56.0	32.2	1167.0	7.8
					<i>Total Kontrol 31-67 Applied:</i>			
					56.0 32.2 1167.0 7.8			
					<i>Total Permanone 31-66 Applied:</i>			
					56.0 32.2 1167.0 7.8			
Treatment Area 2 Applications								
August 2014	8/5/2014		Kontrol 31-67 (73748-6)	1:4	59.0	23.0	834.0	6.2
August 2014	8/11/2014		Kontrol 31-67 (73748-6)	4-1	44.0	37.1	1346.0	9.0
					<i>Total Kontrol 31-67 Applied:</i>			
					44.0 37.1 1346.0 9.0			
					<i>Total Permanone 31-66 Applied:</i>			
					44.0 37.1 1346.0 9.0			
					<i>Total Kontrol 31-67 Applied:</i>			
					44.0 37.1 1346.0 9.0			

Zone 1 Totals: 93.0 58.9 2,135.0 13.1

Vector Disease Control International
2221 N. Church Street
Jonesboro, AR 72402
800-413-4445

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
August 2014	8/19/2014		Permanone 31-66 (432-1250)	1:4	31.0	18.1	659.9	8.1
	8/26/2014		Permanone 31-66 (432-1250)	1:4	40.0	29.0	1055.0	12.7

Total Permanone 31-66 Applied: 20.8

Treatment Area 3 Applications									
					Zone 2 Totals:	174.0	107.2	3,894.9	36.0
August 2014	8/1/2014		Kontrol 31-67 (73748-6)	1:4	65.0	37.0	1342.0	7.1	
	8/8/2014		Kontrol 31-67 (73748-6)	1:4	56.0	32.4	1176.0	8.0	

Total Kontrol 31-67 Applied: 15.2

August 2014	8/18/2014		Permanone 31-66 (432-1250)	1:4	59.0	29.9	1084.0	6.0
	8/22/2014		Permanone 31-66 (432-1250)	1:4	50.0	32.5	1183.0	9.8

Total Permanone 31-66 Applied: 15.8

Treatment Area 4 Applications									
					Zone 3 Totals:	230.0	131.8	4,785.0	31.0
August 2014	8/1/2014		Kontrol 31-67 (73748-6)	1:4	55.0	39.5	1433.0	8.8	
	8/1/2014		Kontrol 31-67 (73748-6)	1:4	49.0	38.2	1390.7	8.9	
	8/8/2014		Kontrol 31-67 (73748-6)	1:4	42.0	30.9	1121.0	9.6	

Vector Disease Control International
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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
August 2014	8/13/2014		Permanone 31-66 (432-1250)	1:4	33.0	2283.0	830.3	27.3
	8/15/2014		Permanone 31-66 (432-1250)	1:4	45.0	32.8	1194.4	14.3
	8/19/2014		Permanone 31-66 (432-1250)	1:4	43.0	27.5	997.0	6.6
	8/22/2014		Permanone 31-66 (432-1250)	1:4	32.0	28.4	1034.0	12.4
	8/28/2014		Permanone 31-66 (432-1250)	1:4	33.0	23.9	871.1	10.5
<i>Total Kontrol 31-67 Applied:</i>								
<i>27.3</i>								

August 2014	8/29/2014		Perm-X UL 30-30 (655-811)	1:5	50.0	31.4	144.3	7.3
<i>Total Permanone 31-66 Applied:</i>								
<i>53.9</i>								

<i>Total Perm-X UL 30-30 Applied:</i>								
<i>7.3</i>								
Zone 4 Totals: 382.0 2,535.6 9,015.8 88.5								

Treatment Area 5 Applications								
August 2014	8/4/2014		Kontrol 31-67 (73748-6)	1:4	40.0	30.3	1103.1	7.0
	8/6/2014		Kontrol 31-67 (73748-6)	1:4	47.0	0.0	0.0	0.0
	8/11/2014		Kontrol 31-67 (73748-6)	4-1	47.0	32.2	1168.0	7.2
<i>Total Kontrol 31-67 Applied:</i>								
<i>14.2</i>								

August 2014	8/15/2014		Permanone 31-66 (432-1250)	1:4	59.0	40.5	1469.0	6.1
<i>Total Kontrol 31-67 Applied:</i>								
<i>14.2</i>								

Vector Disease Control International
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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
August 2014	8/18/2014		Permanone 31-66 (432-1250)	1:4	55.0	30.7	1114.0	5.8
	8/28/2014		Permanone 31-66 (432-1250)	1:4	56.0	38.0	1379.0	7.8
<i>Total Permanone 31-66 Applied: 19.7</i>								
Treatment Area 6 Applications								
<i>Zone 5 Totals: 304.0 171.7 6,233.1 34.0</i>								
August 2014	8/1/2014		Kontrol 31-67 (73748-6)	1:4	54.0	33.9	1230.0	9.6
	8/6/2014		Kontrol 31-67 (73748-6)	1:4	40.0	25.5	924.0	3.7
<i>Total Kontrol 31-67 Applied: 13.4</i>								
August 2014	8/19/2014		Permanone 31-66 (432-1250)	1:4	50.0	26.8	972.0	5.4
<i>Total Permanone 31-66 Applied: 5.4</i>								
August 2014	8/29/2014		Perm-X UL 30-30 (655-811)	1:5	54.0	31.8	1154.0	6.0
<i>Total Perm-X UL 30-30 Applied: 6.0</i>								
Treatment Area 7 Applications								
<i>Zone 6 Totals: 198.0 118.0 4,280.0 24.8</i>								
August 2014	8/18/2014		Permanone 31-66 (432-1250)	1:4	41.0	5.2	188.0	1.6
<i>Total Permanone 31-66 Applied: 1.6</i>								
<i>Zone 7 Totals: 41.0 5.2 188.0 1.6</i>								

Vector Disease Control International
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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
Treatment Area 8 Applications								
August 2014	8/1/2014		Kontrol 31-67 (73748-6)	1:4	47.0	9.0	326.0	2.3
	8/5/2014		Kontrol 31-67 (73748-6)	1:4	51.0	0.0	0.0	17.4
	8/5/2014		Kontrol 31-67 (73748-6)	1:4	44.0	36.3	1317.0	8.3
	8/8/2014		Kontrol 31-67 (73748-6)	1:4	21.0	19.3	701.4	8.5
	8/11/2014		Kontrol 31-67 (73748-6)	4-1	30.0	28.2	1024.6	12.4
<i>Total Kontrol 31-67 Applied: 48.9</i>								
August 2014	8/18/2014		Permanone 31-66 (432-1250)	1:4	33.0	25.2	916.3	11.0
	8/22/2014		Permanone 31-66 (432-1250)	1:4	42.0	33.0	1197.0	9.0
	8/26/2014		Permanone 31-66 (432-1250)	1:4	36.0	31.0	112.2	7.2
<i>Total Permanone 31-66 Applied: 27.1</i>								
August 2014	8/29/2014		Perm-X UL 30-30 (655-811)	1:5	40.0	37.3	1357.0	8.7
<i>Total Perm-X UL 30-30 Applied: 8.7</i>								
Zone 8 Totals: 344.0 219.3 6,951.5 84.7								
Treatment Area 9 Applications								

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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed	
August 2014	8/6/2014		Kontrol 31-67 (73748-6)	1:4	44.0	31.1	1128.0	7.7	
August 2014	8/26/2014		Permanone 31-66 (432-1250)	1:4	46.0	29.9	1084.0	5.6	
					<i>Total Kontrol 31-67 Applied: 7.7</i>				
					<i>Total Permanone 31-66 Applied: 5.6</i>				
Treatment Area 10 Applications					Zone 9 Totals:	90.0	61.0	2,212.0	13.2
August 2014	8/4/2014		Kontrol 31-67 (73748-6)	1:4	0.0	0.0	0.0	5.7	
August 2014	8/8/2014		Kontrol 31-67 (73748-6)	1:4	52.0	34.8	1262.0	5.9	
					<i>Total Kontrol 31-67 Applied: 11.6</i>				
August 2014	8/13/2014		Permanone 31-66 (432-1250)	1:4	38.0	29.9	1084.0	7.1	
August 2014	8/28/2014		Permanone 31-66 (432-1250)	1:4	46.0	32.5	1179.0	9.1	
					<i>Total Permanone 31-66 Applied: 16.2</i>				
August 2014	8/30/2014		Perm-X UL 30-30 (655-811)	1:5	109.0	90.0	3265.0	15.2	
					<i>Total Perm-X UL 30-30 Applied: 15.2</i>				
Treatment Area 11 Applications					Zone 10 Totals:	245.0	187.2	6,790.0	42.9
August 2014	8/5/2014		Kontrol 31-67 (73748-6)	1:4	48.0	32.3	1172.0	8.4	

Vector Disease Control International
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Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
August 2014	8/11/2014		Kontrol 31-67 (73748-6)	4-1	49.0	40.3	1461.0	8.3
<i>Total Kontrol 31-67 Applied: 16.7</i>								
August 2014	8/15/2014		Permanone 31-66 (432-1250)	1:4	49.0	37.0	1343.0	10.4
<i>Total Permanone 31-66 Applied: 10.4</i>								
					Zone 11 Totals: 146.0	109.6	3,976.0	27.1
					Grand Totals: 2,247.0	3,705.5	50,461.3	396.9



Summary of Service Requests

Start Date: 8/1/2014 End Date: 8/31/2014

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 2014		0	6	5	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 5 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	374.0 oz
August 2014		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	50.0 oz
August 2014		2	7	7	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 5 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	272.0 oz

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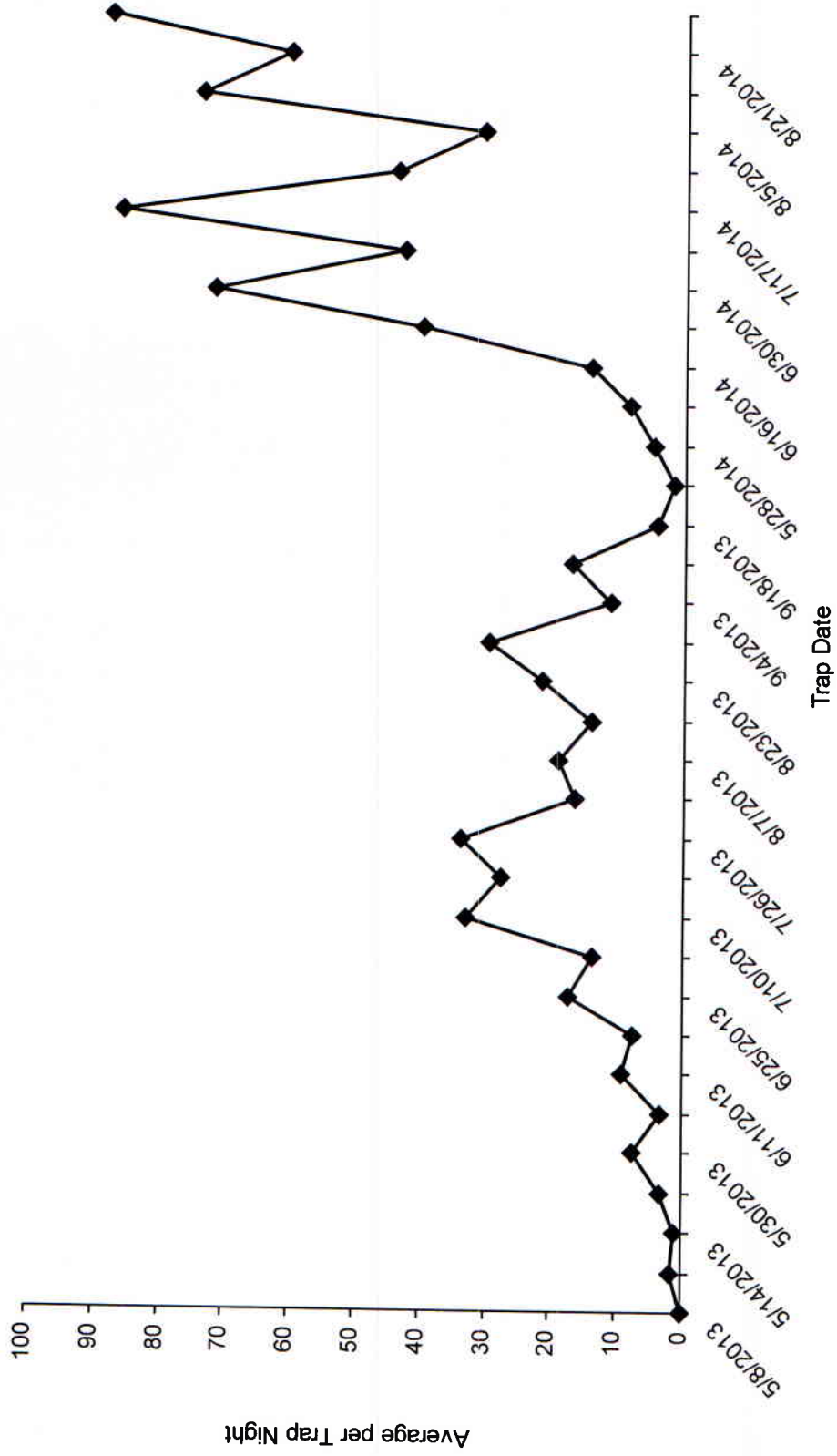
Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites with Mosquitoes	Total Amount of Larvicide Applied	Total Amount of Adulticide Applied
August 2014		3	6	6	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 6 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	440.0 oz
August 2014		4	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	105.0 oz
August 2014		5	3	3	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	228.0 oz
August 2014		6	3	3	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	105.0 oz

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 2014		8	12	12	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 12 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	610.0 oz
August 2014		10	6	6	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 6 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	145.0 oz
August 2014		11	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	40.0 oz
Overall Totals:		48	47	47	NA: 0 LV: 0 EC: 0 AT: 45 BC: 0 NR: 0		0.00 oz	2369.0 oz



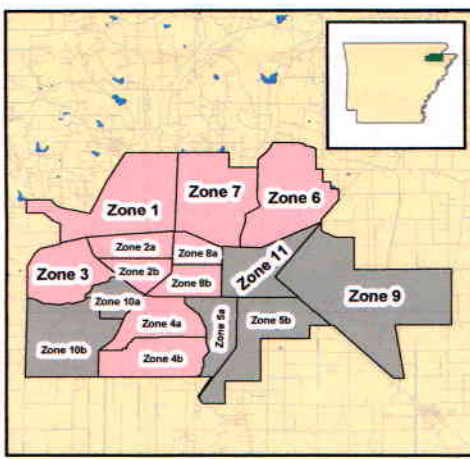
Adult Mosquito Surveillance Summary

Jonesboro



The City of Jonesboro, Arkansas

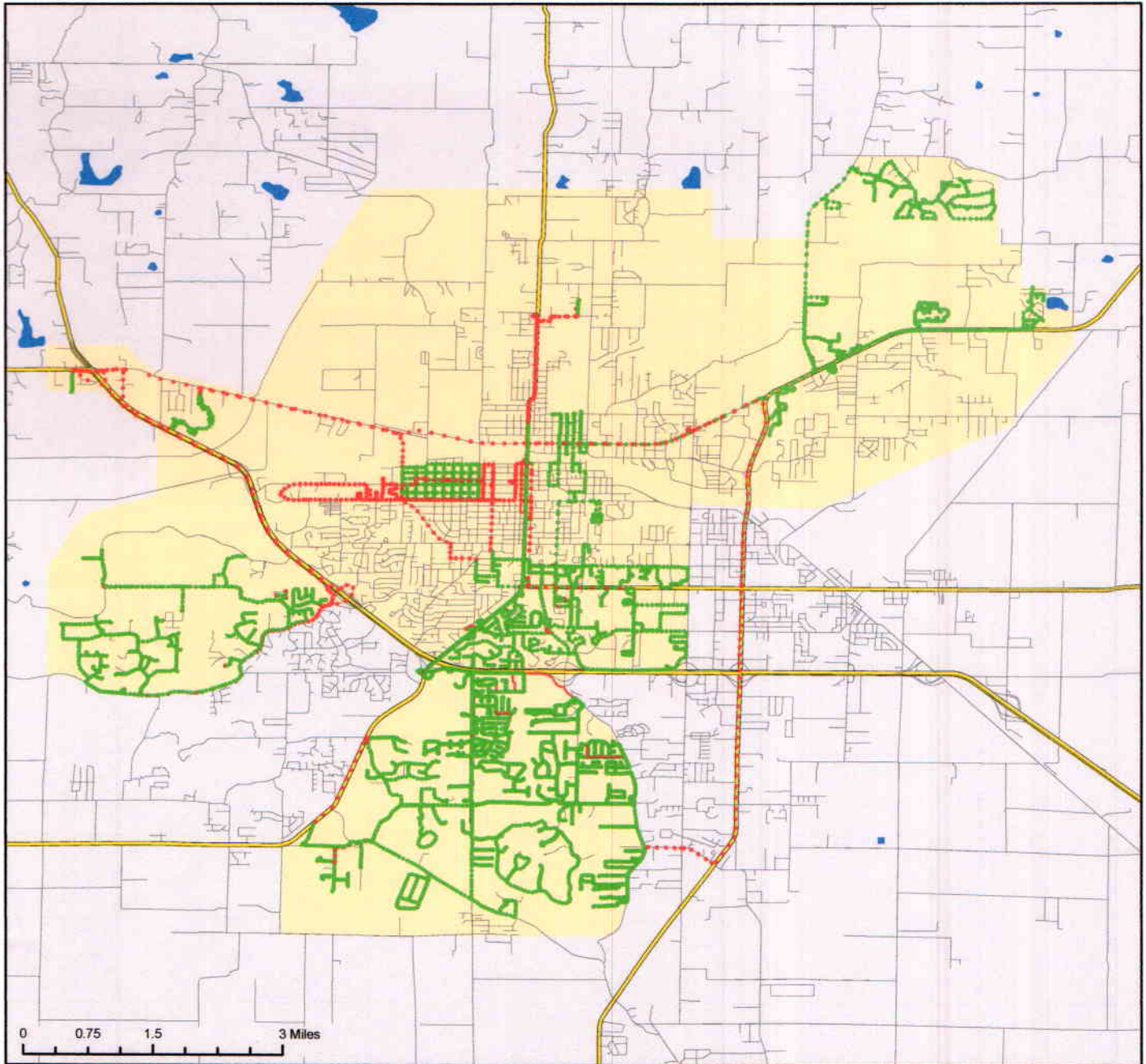
Ground Adulticide Application Date:
August 1, 2014



Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 31-67
Quantity Used: 36.8 gal
Miles Treated: 157.6
Acres Treated: 5,722.0

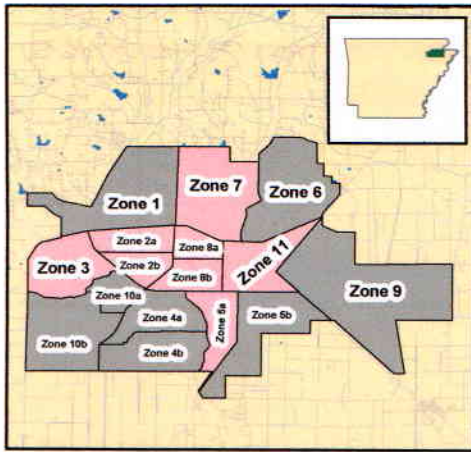


Vector Disease Control
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The City of Jonesboro, Arkansas

Ground Adulticide Application Date:
August 5, 2014



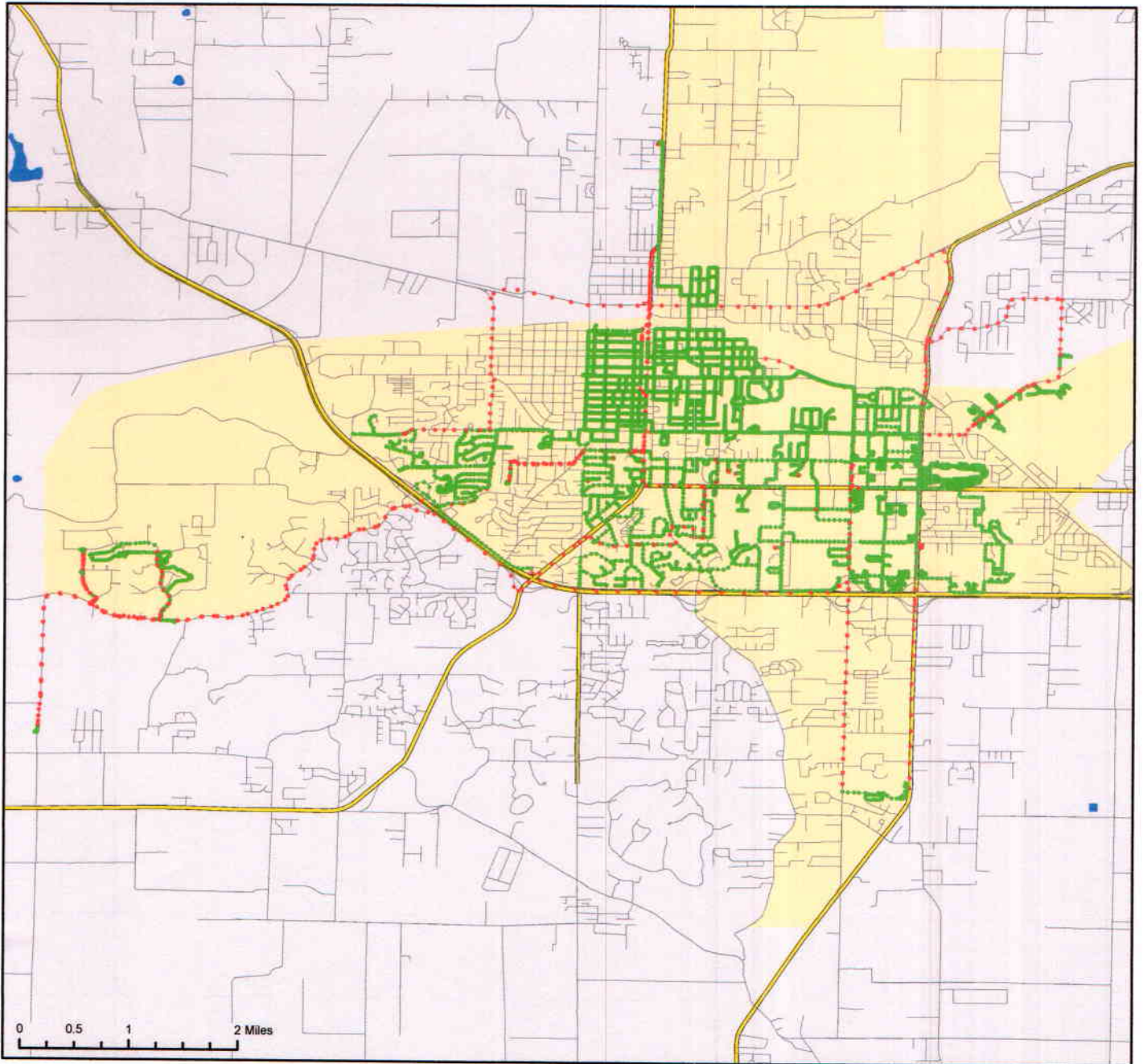
Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 31-67
Quantity Used: 40.3 gal
Miles Treated: 91.6
Acres Treated: 3,323.0



Incomplete Trip Summary

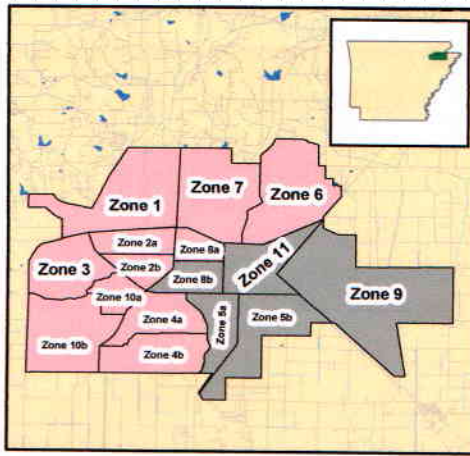


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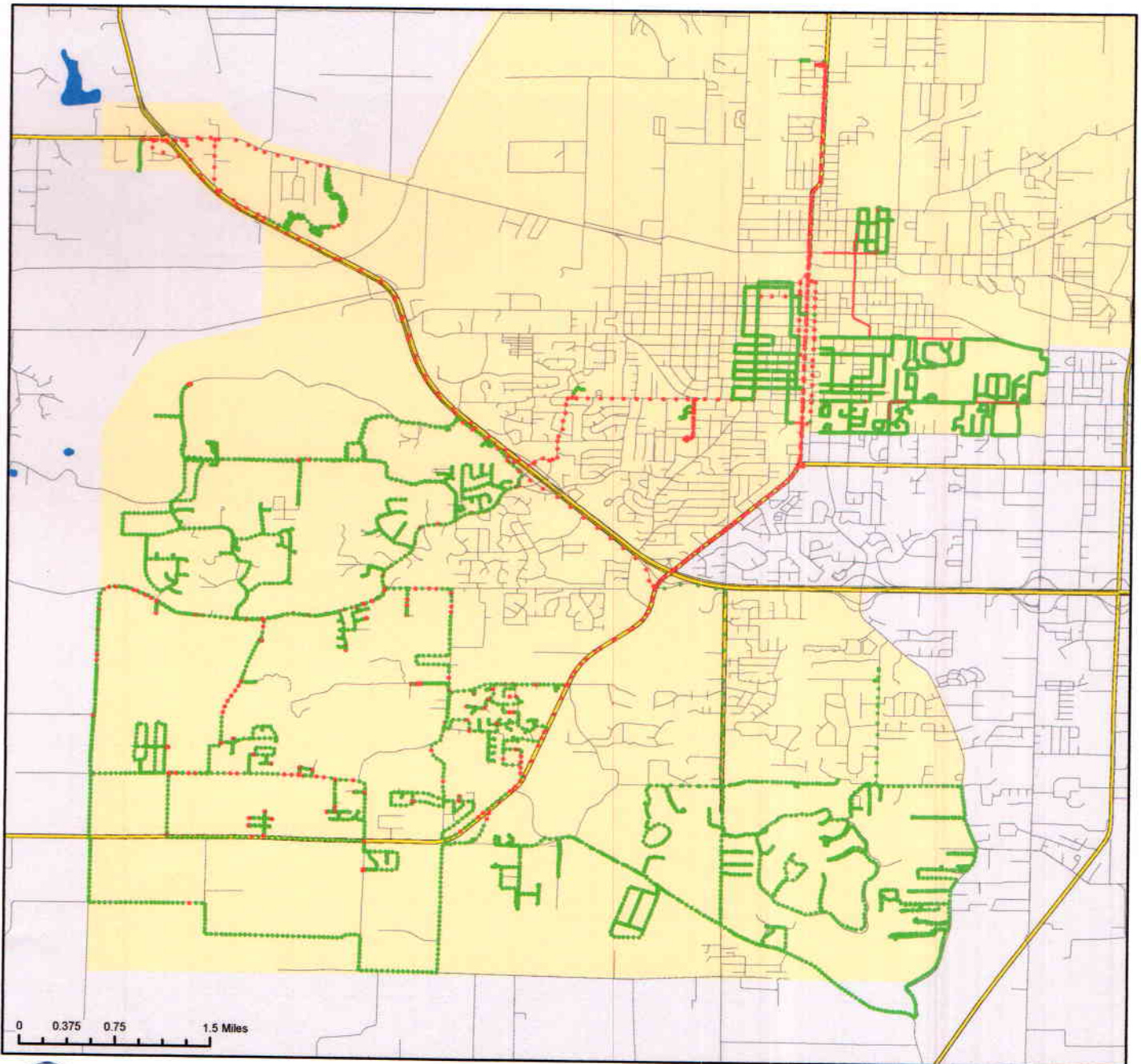
Ground Adulticide Application Date:
August 8, 2014



Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 31-67
Quantity Used: 34.8 gal
Miles Treated: 123.8
Acres Treated: 4,493.0

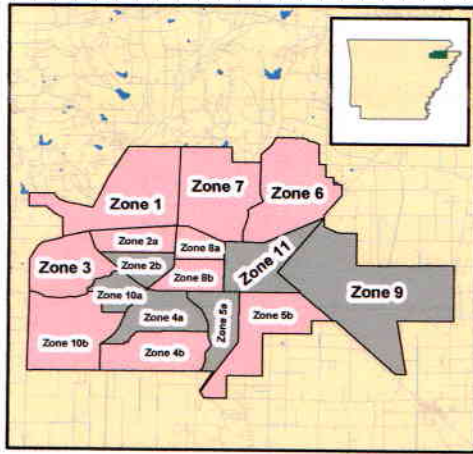


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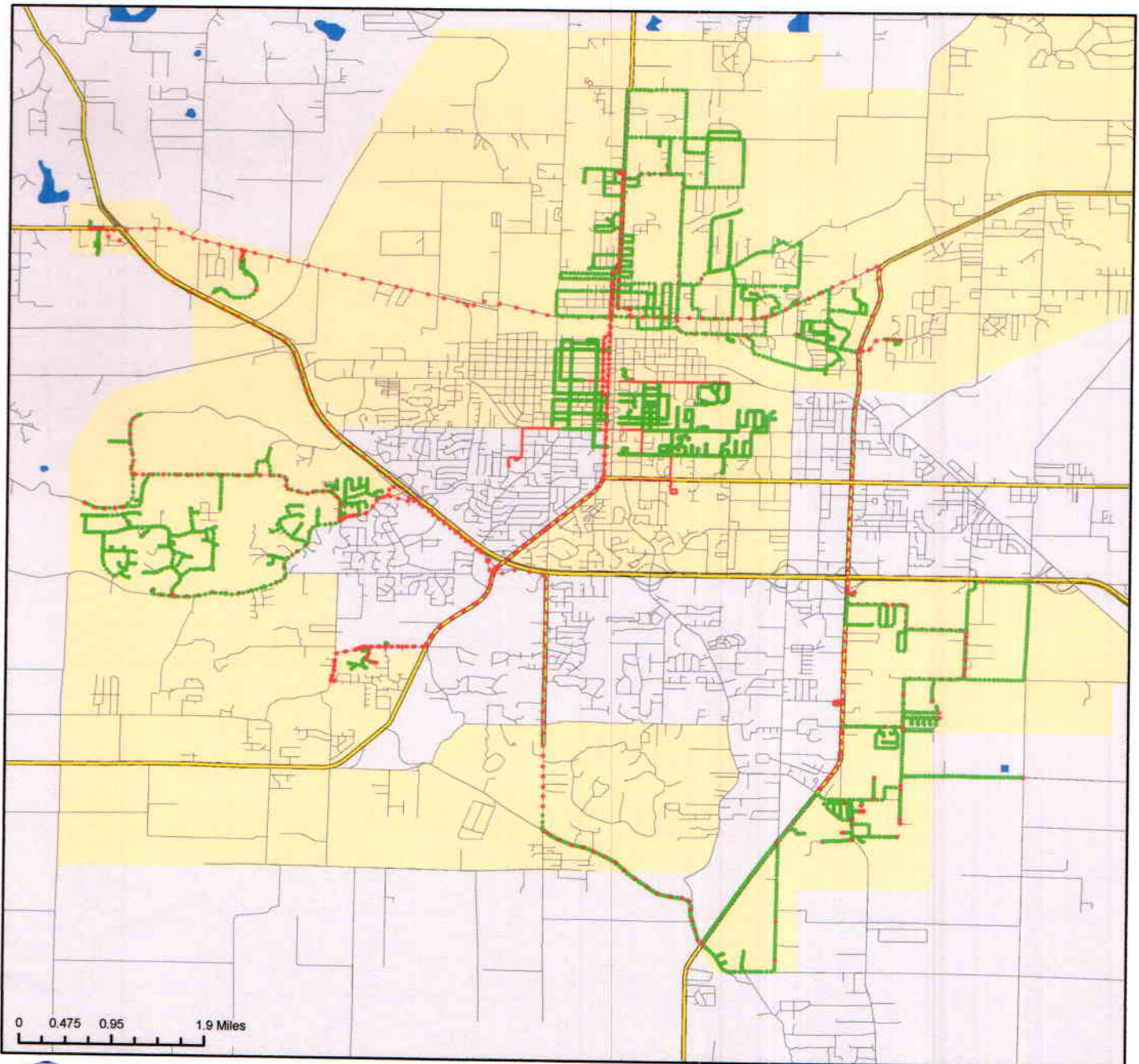
Ground Adulticide Application Date: August 18, 2014



Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 31-66
Quantity Used: 24.3 gal
Miles Treated: 91.0
Acres Treated: 3,302.0



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Craighead County

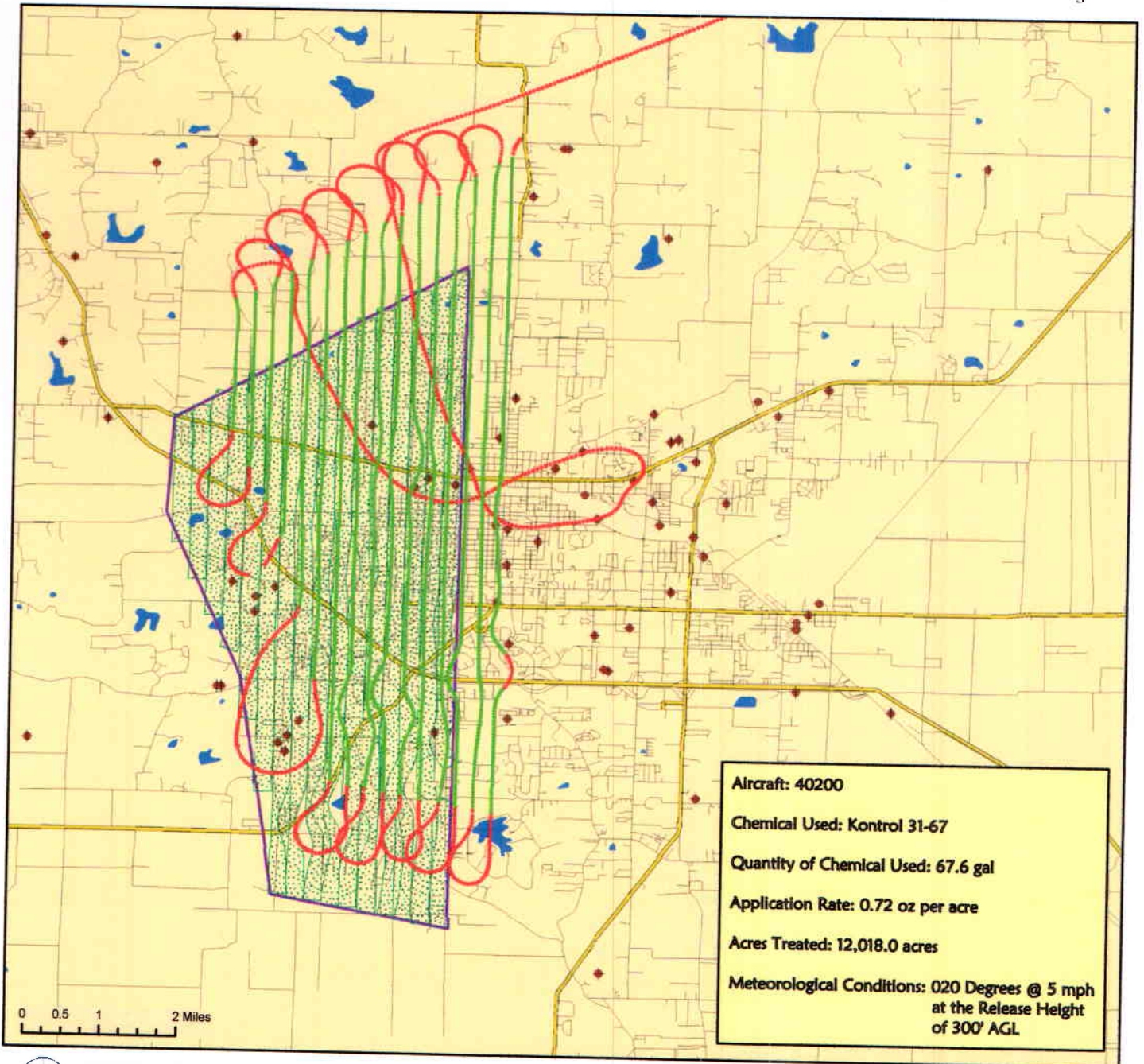


The City of Jonesboro, Arkansas

Aerial Adulticide Application Date:
August 3, 2014



- Flight Line** (Red line)
- Spray Off** (Red dot)
- Spray On** (Green dot)
- Towers** (Brown dot)
- Spray Deposition** (Dotted pattern)
- Treatment Areas** (Purple outline)



Vector Disease Control
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Craighead County



The City of Jonesboro, Arkansas

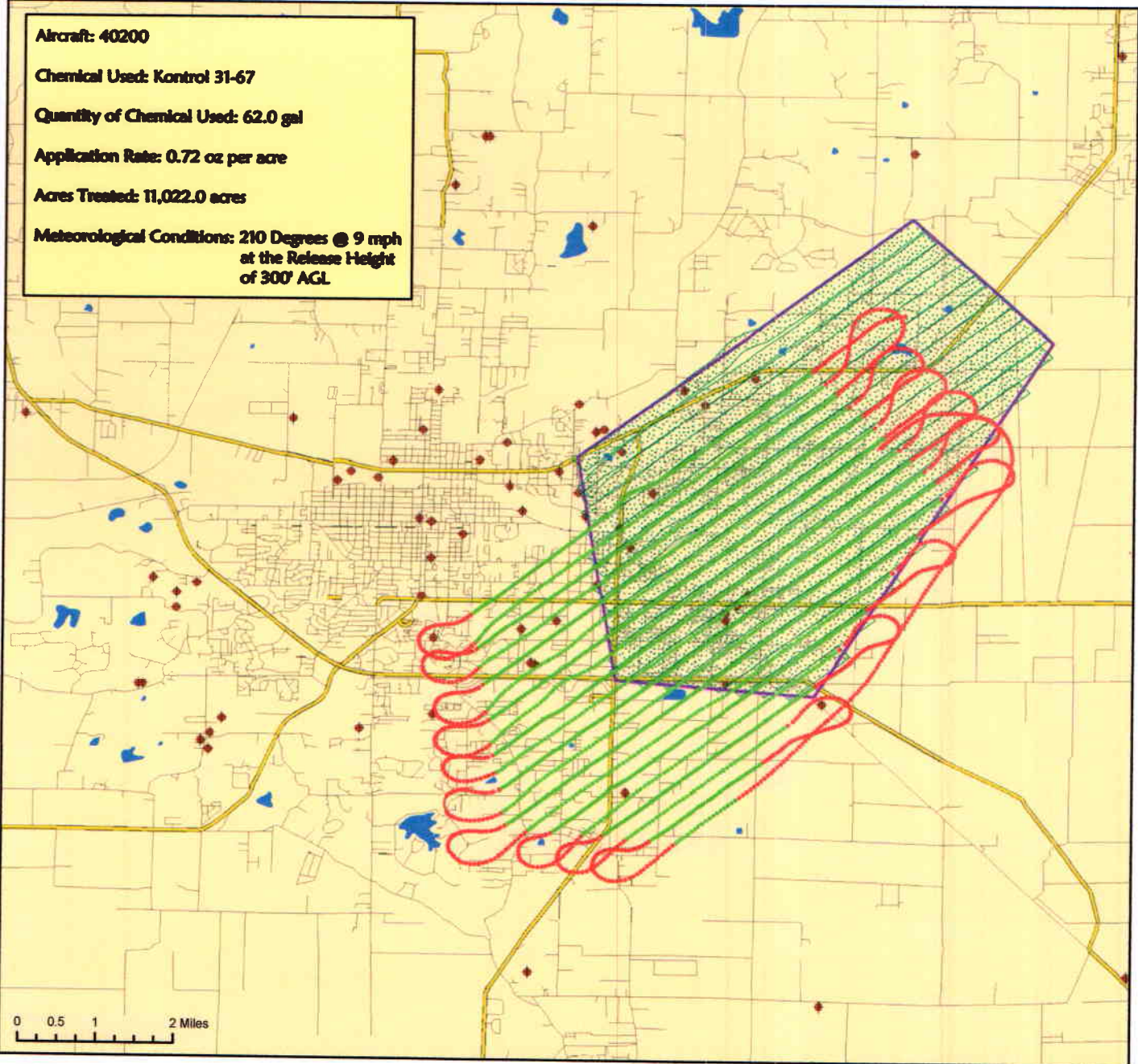
Aerial Adulticide Application Date:
August 19, 2014



- Flight Line** (represented by a red line)
- Spray Off** (represented by a red dot)
- Spray On** (represented by a green dot)
- Towers** (represented by a black crosshair)
- 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: 62.0 gal
Application Rate: 0.72 oz per acre
Acres Treated: 11,022.0 acres
Meteorological Conditions: 210 Degrees @ 9 mph
at the Release Height
of 300' AGL



0 0.5 1 2 Miles



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