



Vector Disease Control, Inc.

Mosquito Surveillance and Control Report

for the

**City of Jonesboro**

**August 2013**

2221 N. Church St. Jonesboro, AR 72401

T-870.933.6939 F- 870.933.0122

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





## **City of Jonesboro Activity Report**

**August** 2013

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 21.2 mosquitoes per trap night (1,058 total mosquitoes) during this time. There have been a total of 4 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, 78 site inspections found the presence of mosquito larvae. As a result of these inspections 53.0 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.

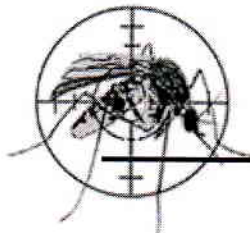


## ADULT MOSQUITO CONTROL ACTIVITY

In response to community events and mosquito surveillance data, VDCI applied Adulcicide (19) truck nights for this reporting period. All adulcicide ULV applications Were made with truck-mounted ULV units equipped with GPS-enabled monitors. During this report period, a total of 1,457.3 spray miles (52,861.0 acres) was treated With a total of 428.4 gallons of adulcicide in residential and recreational areas. In Addition to routine truck spraying, VDCI has responded to 111 service request and Adulcided 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 adulciding 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: 8/1/2013

End Date: 8/31/2013

**Jonesboro**

Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
<b>Treatment Area 1 Collections</b>				
Shady Lane	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	20
			<i>Psorophora columbiae</i>	12
Shady Lane	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	12
Shady Lane	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	11
			<i>Psorophora columbiae</i>	16
Shady Lane	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	60
			<i>Psorophora columbiae</i>	8
<b>Trap Total</b>				139 (Avg. 34.8)
Sugar Ridge	8/7/2013	NJ Light Trap	<i>Aedes vexans</i>	2
			<i>Anopheles quadrimaculatus</i>	1
			<i>Psorophora cyanescens</i>	1
Sugar Ridge	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	6
			<i>Psorophora columbiae</i>	1
Sugar Ridge	8/23/2013	NJ Light Trap	<i>Anopheles punctipennis</i>	15
			<i>Psorophora columbiae</i>	2
Sugar Ridge	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	7
			<b>Trap Total</b>	
<b>Treatment Area 2 Collections</b>				
Straw Floor	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	9
Straw Floor	8/28/2013	NJ Light Trap	No Mosquitoes	0
<b>Trap Total</b>				9 (Avg. 4.5)
Strawfloor	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	6
Strawfloor	8/23/2013	NJ Light Trap	<i>Aedes vexans</i>	1
			<i>Psorophora columbiae</i>	1
<b>Trap Total</b>				8 (Avg. 4)
<b>Treatment Area 3 Collections</b>				
Ridge Pointe	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	43
			<i>Psorophora columbiae</i>	4

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

Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Ridge Pointe	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	3
Ridge Pointe	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	6
Ridge Pointe	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	6
<b>Trap Total</b>				<b>62 (Avg. 15.5)</b>

Treatment Area 4 Collections				
Part Ridge	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
Part Ridge	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	44
Part Ridge	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	48
<b>Trap Total</b>				<b>110 (Avg. 36.7)</b>

Treatment Area 5 Collections				
Derby Dr,	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
<b>Trap Total</b>				<b>18 (Avg. 18)</b>
Derby Dr.	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	4
			<i>Psorophora columbiae</i>	1
Derby Dr.	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	4
<b>Trap Total</b>				<b>9 (Avg. 4.5)</b>
Derby Drive	8/23/2013	NJ Light Trap	<i>Anopheles punctipennis</i>	11
<b>Trap Total</b>				<b>11 (Avg. 11)</b>
Frog Pond	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	14
			<i>Psorophora columbiae</i>	7
Frog Pond	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
			<i>Psorophora columbiae</i>	3
Frog Pond	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	17
			<i>Psorophora columbiae</i>	20
Frog Pond	8/28/2013	NJ Light Trap	<i>Aedes vexans</i>	6
			<i>Anopheles crucians</i>	1
			<i>Anopheles quadrimaculatus</i>	46
			<i>Culex restuans</i>	1
<b>Trap Total</b>				<b>133 (Avg. 33.2)</b>

Treatment Area 6 Collections				
Oakhill	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	14
			<i>Psorophora columbiae</i>	3



Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Oakhill	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	22
			<i>Psorophora columbiae</i>	5
Oakhill	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	16
			<i>Psorophora columbiae</i>	36
Oakhill	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	80
<b>Trap Total</b>				176 (Avg. 44)
Pleasant View	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	25
			<i>Psorophora columbiae</i>	2
Pleasant View	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	10
Pleasant View	8/23/2013	NJ Light Trap	<i>Anopheles punctipennis</i>	18
Pleasant View	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	17
<b>Trap Total</b>				72 (Avg. 18)

#### Treatment Area 8 Collections

Briarcrest	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	10
Briarcrest	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	18
Briarcrest	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	25
Briarcrest	8/28/2013	NJ Light Trap	<i>Aedes vexans</i>	1
			<i>Anopheles quadrimaculatus</i>	17
<b>Trap Total</b>				71 (Avg. 17.8)
Matthews	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	22
Matthews	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	11
Matthews	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	16
Matthews	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	20
<b>Trap Total</b>				69 (Avg. 17.2)

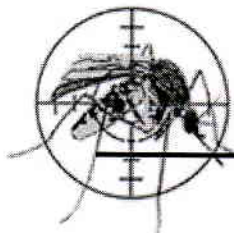
#### Treatment Area 9 Collections

\Cottage Home Rd.	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	8
<b>Trap Total</b>				8 (Avg. 8)
Cottage Home	8/7/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	3
			<i>Psorophora columbiae</i>	3
<b>Trap Total</b>				6 (Avg. 6)
Cottage Home Rd.	8/16/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	5
			<i>Psorophora columbiae</i>	1
Cottage Home Rd.	8/23/2013	NJ Light Trap	<i>Aedes vexans</i>	1

Trap Location	Date Trap Set	Trap Type	Mosquito Species	No. Collected
Cottage Home Rd.	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	9
			<i>Psorophora columbiae</i>	4
<b>Trap Total</b>				20 (Avg. 10)

Treatment Area 10 Collections				
Quail Ridge	8/7/2013	NJ Light Trap	<i>Aedes vexans</i>	3
			<i>Anopheles quadrimaculatus</i>	25
Quail Ridge	8/23/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	34
Quail Ridge	8/28/2013	NJ Light Trap	<i>Anopheles quadrimaculatus</i>	40
<b>Trap Total</b>				102 (Avg. 34)

**Overall Trap Total** 1,058  
**Overall Trap Average** 21.2



# Larval Surveillance Data

Start Date: 8/1/2013

End Date: 8/31/2013

## Jonesboro

Date	Location	Habitat	No. Dipped	Larvicided	Mosquito Species	No. ID'd
<b>Treatment Area 1 Sites Inspected</b>						
8/1/2013	3206 Industrial Dr.	Tire Pile	3	Yes		
	321 Parker Rd.	Tire Pile	0	No		
	3701 E. Parker Rd.	Tire Pile	6	Yes		
	404 Gee St.	Tire Pile	0	No		
	5709 Commerace Dr.	Tire Pile	0	No		
	5800 E. Highland	Tire Pile	0	No		
8/12/2013	1001 Mays Rd.	Ditch	0	No		
	101 Mavrita	Ditch	0	No		
	1301 Charles Dr.	Ditch	0	No		
	1305 Maybrey	Ditch	0	No		
	1603 Daybreak	Ditch	0	No		
	1703 Mitzi Lane	Ditch	0	No		
	206 Patrick	Ditch	0	No		
	219 Lamesa	Ditch	0	No		
	2480 Duncan	Covert	0	No		
	2805 Thomas Green	Ditch	0	No		
	406 Scott St.	Ditch	0	No		
	409 Sate St.	Colvert	0	No		
	510 Magnolia	Colvert	0	No		
	803 Willet	Ditch	0	No		
	905 Johnathan	Ditch	0	No		
8/13/2013	1501 Brazos	Ditch	0	No		
	2210 Clover	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>
8/13/2013	2510 MaryJane	Ditch	0	No		
	3500 Fairview	Ditch	0	No		
	3603 Parkwood	Ditch	0	No		
	4920 Prosepect	Ditch	0	No		
8/19/2013	1008 Floyd	Ditch	0	No		
	1100 Blankenship	Ditch	0	No		
	1321 Hathcoat	Ditch	25	Yes		
	1702 Duncan Rd.	Ditch	0	No		
	204 Best Industrial Dr.	Ditch	0	No		
	205 Bearden Dr.	Ditch	0	No		
	207 Harry St.	Ditch	0	No		
	2101 Arrowhead Rd.	Ditch	0	No		
	212 Maurith St.	Ditch	0	No		
	213 Woody St.	Ditch	0	No		
	215 Woody St.	Ditch	0	No		
	224 Harry St.	Ditch	0	No		
	515 N. Philedelphia	Ditch	0	No		
	Hatchcoat & Blankenship St.	Ditch	1	Yes		

**Total Sites Inspected in Zone 1: 41**

**Treatment Area 5 Sites Inspected**

8/15/2013	3216 Horseshoe	Ditch	20	Yes		
	3218 Industrial Dr.	Ditch	0	No		
	3509 Lancrest	Ditch	0	No		
	3709 Longcrest	Ditch	20	Yes		
	4104 Industrial Dr.	Ditch	0	No		
	4319 Richardson	Ditch	0	No		
	4518 Ongles	Ditch	0	No		
	5210 Trammel	Ditch	0	No		

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

<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>
8/15/2013	5220 Dale Dr.	Culvert	0	No		
	Viney Creek & Hasbrook	Ditch	0	No		
8/20/2013	1608 Troutman Circle	Ditch	0	No		
	2203 Spence	Ditch	0	No		
	2301 FoxMeadow Ln.	Ditch	0	No		
	2600 McCellen	Ditch	0	No		
	3228 S. Caraway	Ditch	0	No		
	3903 Kents Place	Ditch	0	No		
	3908 S. Caraway Rd.	Ditch	0	No		
	4402 Southbrook	Ditch	0	No		
	4404 Stonebrook	Ditch	0	No		
	5400 Crowley's Ridge Rd.	Ditch	0	No		
	5618 Summer PL	Ditch	0	No		
	5618 Summer PL.	Ditch	0	No		

**Total Sites Inspected in Zone 5: 22**

**Treatment Area 6 Sites Inspected**

8/19/2013	1312 Old Bridger	Ditch	0	No		
	1400 Crapemertile Dr.	Ditch	0	No		
	1905 Old Bridger Rd.	Ditch	0	No		
	2902 Schotchwood	Ditch	0	No		
	328 Sage Meadow DR.	Ditch	0	No		
	4102 Corner Stone Dr.	Ditch	0	No		
	4317 Peachtree	Ditch	0	No		
	4411 Mockennut Lane	Ditch	0	No		
	4729 Lochnooke dr.	Ditch	0	No		
	4827 Johnson Ave.	Ditch	0	No		
	5204 Prospec Rd.	Ditch	0	No		
	5406 Prospect Rd.	Ditch	0	No		

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

<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>
8/19/2013	5904 Johnson Ave. & Hwy 49	Ditch	0	No		

**Total Sites Inspected in Zone 6: 13**

**Treatment Area 10 Sites Inspected**

8/19/2013	3200 Browden Dr.	Ditch	0	No		
	5216 Friendly Hope Rd.	Ditch	2	Yes		

**Total Sites Inspected in Zone 10: 2**



# Ground Adulticide Applications

Start Date: 8/1/2013      End Date: 8/31/2013

## Jonesboro

Month	Date	Municipality	Chemical	Mix Ratio	Trip Miles	Spray Miles	Spray Acres	Gallons Sprayed
<b>Treatment Area 1 Applications</b>								
August 2013	8/7/2013		Scourge 18-54 (432-667)	1:5	0.0	0.0	0.0	0.0
					<i>Total Scourge 18-54 Applied: 0.0</i>			
<b>Treatment Area 2 Applications</b>								
August 2013	8/8/2013		Kontrol 31-67 (73748-6)	1:4	69.0	44.0	1596.0	8.4
	8/14/2013		Kontrol 31-67 (73748-6)	1:4	45.0	28.8	1044.0	6.8
	8/23/2013		Kontrol 31-67 (73748-6)	1:7	48.0	39.0	1414.0	11.1
					<i>Total Kontrol 31-67 Applied: 26.3</i>			
<b>Treatment Area 3 Applications</b>								
August 2013	8/9/2013		Kontrol 31-67 (73748-6)	1:4	77.0	47.2	1713.0	9.6
	8/13/2013		Kontrol 31-67 (73748-6)	1:4	58.0	37.5	1361.0	7.6
					<i>Total Kontrol 31-67 Applied: 26.3</i>			

**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 2013	8/16/2013		Kontrol 31-67 (73748-6)	1:4	45.0	22.9	831.0	7.0
	8/21/2013		Kontrol 31-67 (73748-6)	1:7	50.0	25.1	911.0	6.9
<i>Total Kontrol 31-67 Applied: 31.0</i>								
August 2013	8/1/2013		Perm-X UL 30-30 (655-811)	2.5 - 1	52.0	23.9	866.0	5.8
August 2013	8/7/2013		Scourge 18-54 (432-667)	1:5	47.0	20.1	729.0	5.1
<i>Total Perm-X UL 30-30 Applied: 5.8</i>								
<i>Total Scourge 18-54 Applied: 5.1</i>								
<b>Zone 3 Totals: 329.0 176.7 6,411.0 41.9</b>								
<b>Treatment Area 4 Applications</b>								
August 2013	8/9/2013		Kontrol 31-67 (73748-6)	1:4	55.0	41.4	1502.0	9.8
	8/9/2013		Kontrol 31-67 (73748-6)	1:4	44.0	36.8	1335.0	11.3
	8/23/2013		Kontrol 31-67 (73748-6)	1:7	68.0	31.5	1142.0	7.6
<i>Total Kontrol 31-67 Applied: 28.6</i>								
August 2013	8/2/2013		Perm-X UL 30-30 (655-811)	2.5-1	50.0	41.0	1485.0	8.1
	8/2/2013		Perm-X UL 30-30 (655-811)	2.5-1	38.0	20.8	755.0	6.4
	8/26/2013		Perm-X UL 30-30 (655-811)	1:5	51.0	19.6	710.0	4.7

**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 2013	8/27/2013		Perm-X UL 30-30 (655-811)	1:5	35.0	14.4	522.0	3.2
<i>Total Perm-X UL 30-30 Applied: 22.3</i>								
August 2013	8/7/2013		Scourge 18-54 (432-667)	1:5	58.0	46.0	1669.0	10.0
August 2013	8/30/2013		Scourge 18-54 (432-667)	1:5	69.0	35.3	1281.0	8.8
<i>Total Scourge 18-54 Applied: 18.8</i>								
<b>Zone 4 Totals: 468.0 286.8 10,401.0 69.7</b>								
<b>Treatment Area 5 Applications</b>								
August 2013	8/19/2013		Kontrol 31-67 (73748-6)	1:6	54.0	31.0	1124.0	7.7
August 2013	8/5/2013		Perm-X UL 30-30 (655-811)	2.5-1	47.0	37.2	1348.0	8.5
August 2013	8/28/2013		Perm-X UL 30-30 (655-811)	1:5	67.0	23.3	845.0	6.0
<i>Total Kontrol 31-67 Applied: 7.7</i>								
<i>Total Perm-X UL 30-30 Applied: 14.5</i>								
<b>Zone 5 Totals: 168.0 91.5 3,317.0 22.3</b>								
<b>Treatment Area 6 Applications</b>								
August 2013	8/8/2013		Kontrol 31-67 (73748-6)	1:4	45.0	21.3	771.0	9.2
August 2013	8/9/2013		Kontrol 31-67 (73748-6)	1:4	46.0	29.6	1074.0	8.4

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 2013	8/14/2013		Kontrol 31-67 (73748-6)	1:4	40.0	23.0	834.0	7.7
	8/16/2013		Kontrol 31-67 (73748-6)	1:4	36.0	20.0	726.0	7.9
	8/17/2013		Kontrol 31-67 (73748-6)	1:4	24.0	1.8	65.0	1.1
	8/19/2013		Kontrol 31-67 (73748-6)	1:6	124.0	85.3	3095.0	17.9
<i>Total Kontrol 31-67 Applied: 52.1</i>								
August 2013	8/2/2013		Perm-X UL 30-30 (655-811)	2.5-1	51.0	26.1	946.0	7.0
	8/28/2013		Perm-X UL 30-30 (655-811)	1:5	49.0	35.3	1281.0	7.3
<i>Total Perm-X UL 30-30 Applied: 14.3</i>								
August 2013	8/7/2013		Scourge 18-54 (432-667)	1:5	72.0	42.8	1553.0	9.2
	8/30/2013		Scourge 18-54 (432-667)	1:5	62.0	33.0	1197.0	8.5
<i>Total Scourge 18-54 Applied: 17.7</i>								
<b>Zone 6 Totals: 549.0 318.2 11,542.0 84.1</b>								
<b>Treatment Area 7 Applications</b>								
August 2013	8/23/2013		Kontrol 31-67 (73748-6)	1:7	62.0	52.9	1920.0	10.7
	8/26/2013		Perm-X UL 30-30 (655-811)	1:5	28.0	25.4	922.0	6.9
<i>Total Kontrol 31-67 Applied: 10.7</i>								

**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
<i>Total Perm-X UL 30-30 Applied: 6.9</i>								
<b>Zone 7 Totals: 90.0 78.3 2,842.0 17.6</b>								
<b>Treatment Area 8 Applications</b>								
August 2013	8/8/2013		Kontrol 31-67 (73748-6)	1:4	36.0	20.0	726.0	8.3
	8/14/2013		Kontrol 31-67 (73748-6)	1:4	38.0	26.5	961.0	70.7
	8/21/2013		Kontrol 31-67 (73748-6)	1:7	58.0	39.9	1447.0	7.8
<i>Total Kontrol 31-67 Applied: 86.7</i>								
August 2013	8/1/2013		Perm-X UL 30-30 (655-811)	2.5 - 1	45.0	33.6	1219.0	9.7
	8/26/2013		Perm-X UL 30-30 (655-811)	1:5	48.0	36.8	1335.0	7.9
<i>Total Perm-X UL 30-30 Applied: 17.6</i>								
August 2013	8/31/2013		Scourge 18-54 (432-667)	1:5	71.0	52.1	1890.0	8.8
<i>Total Scourge 18-54 Applied: 8.8</i>								
<b>Zone 8 Totals: 296.0 208.9 7,578.0 113.2</b>								
<b>Treatment Area 9 Applications</b>								
August 2013	8/1/2013		Perm-X UL 30-30 (655-811)	2.5 - 1	49.0	16.8	609.0	4.7
<i>Total Perm-X UL 30-30 Applied: 4.7</i>								
<b>Zone 9 Totals: 49.0 16.8 609.0 4.7</b>								

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
<b>Treatment Area 10 Applications</b>								
August 2013	8/8/2013		Kontrol 31-67 (73748-6)	1:4	55.0	29.0	1052.0	9.3
	8/19/2013		Kontrol 31-67 (73748-6)	1:6	52.0	15.9	577.0	6.5
	8/21/2013		Kontrol 31-67 (73748-6)	1:7	56.0	35.5	1288.0	6.0

*Total Kontrol 31-67 Applied: 21.8*

**Zone 10 Totals: 163.0 80.4 2,917.0 21.8**

<b>Treatment Area 11 Applications</b>								
August 2013	8/13/2013		Kontrol 31-67 (73748-6)	1:4	32.0	21.0	762.0	8.1
	8/14/2013		Kontrol 31-67 (73748-6)	1:4	48.0	26.7	969.0	5.0
	8/23/2013		Kontrol 31-67 (73748-6)	1:7	36.0	20.5	744.0	7.3

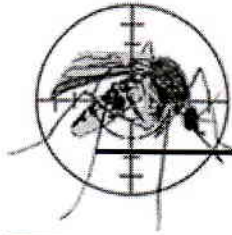
*Total Kontrol 31-67 Applied: 20.3*

August 2013	8/5/2013		Perm-X UL 30-30 (655-811)	2.5-1	33.0	19.7	715.0	6.6
-------------	----------	--	------------------------------	-------	------	------	-------	-----

*Total Perm-X UL 30-30 Applied: 6.6*

**Zone 11 Totals: 149.0 87.9 3,190.0 27.0**

**Grand Totals: 2,423.0 1,457.3 52,861.0 428.4**



# Larvicide Applications

Start Date: 8/1/2013

End Date: 8/31/2013

## Jonesboro

Date	Location	Habitat	No. of Larvae	Larvicide	Amount Applied (oz.)	Area Treated (sq ft)
<b>Treatment Area 1 Applications</b>						
8/1/2013	3206 Industrial Dr.	Tire Pile	3	Aquabac 200G (62637-3)	4.0	1,089.0
	3701 E. Parker Rd.	Tire Pile	6	Aquabac 200G (62637-3)	1.0	272.3
8/19/2013	1321 Hathcoat	Ditch	25	Aquabac 200G (62637-3)	8.0	2,178.0
	Hatchcoat & Blankenship St.	Ditch	1	Aquabac 200G (62637-3)	8.0	2,178.0
<b>Total Ounces Applied:</b>					21.0	5,717.3 0.1 acres
<b>Total Larvicide Applied in Zone 1:</b>					21.0	5,717.3 0.1 acres
<b>Treatment Area 5 Applications</b>						
8/15/2013	3216 Horseshoe	Ditch	20	Aquabac 200G (62637-3)	8.0	2,178.0
	3709 Longcrest	Ditch	20	Aquabac 200G (62637-3)	16.0	4,356.0
<b>Total Ounces Applied:</b>					24.0	6,534.0 0.2 acres
<b>Total Larvicide Applied in Zone 5:</b>					24.0	6,534.0 0.2 acres
<b>Treatment Area 10 Applications</b>						
8/19/2013	5216 Friendly Hope Rd.	Ditch	2	Aquabac 200G (62637-3)	8.0	2,178.0
<b>Total Ounces Applied:</b>					8.0	2,178.0 0.1 acres
<b>Total Larvicide Applied in Zone 10:</b>					8.0	2,178.0 0.1 acres
<b>Overall Total Ounces Applied</b>					53.0	14,429.3 0.3 acres





# Service Request Larvicide Applications

Start Date: 8/1/2013

End Date: 8/31/2013

## Jonesboro

Date	Location	Habitat	Larvicide	Amount Applied (ounces)	Area Treated (sq ft)
<b>Treatment Area 0 Applications</b>					
8/2/2013	5214 Peach Tree Ave.			0.00	0.0
8/9/2013				0.00	0.0
8/14/2013	603 E. Nettleton			0.00	0.0
8/15/2013				0.00	0.0
8/16/2013	1206 South Main			0.00	0.0
8/19/2013				0.00	0.0
8/23/2013	1506 S. Church			0.00	0.0
8/29/2013	2906 Bermuda Dr.			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>					
8/1/2013	1315 East Nettleton			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>					
8/1/2013	1815 Broadmoore Rd.			0.00	0.0
8/14/2013	1214 Nettleton Circle			0.00	0.0
	1301 West Huntington			0.00	0.0
8/16/2013	2011 S. Culberhouse			0.00	0.0

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

<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>Larvicide</b>	<b>Amount Applied (ounces)</b>	<b>Area Treated (sq ft)</b>
8/16/2013	1608 Leaf Cove			0.00	0.0
8/21/2013	1916 Eldrode Cove			0.00	0.0
8/23/2013	21 Plantation Oaks			0.00	0.0
	2200 Twin Oaks			0.00	0.0
	1506 Lamar			0.00	0.0
	2 Plantation			0.00	0.0
8/28/2013	1815 Broadmoore			0.00	0.0
	1816 Broadmoore			0.00	0.0
8/29/2013	1232 South Madison			0.00	0.0
8/30/2013	1327 Olive			0.00	0.0
	2002 Stonemill Dr.			0.00	0.0
<b>Total Applied:</b>				0.00	0.0 0.0 acres
<b>Total Larvicide Applied in Zone 2:</b>				0.00	0.0 0.0 acres
<b>Treatment Area 3 Applications</b>					
8/16/2013	3322 Woodsprings			0.00	0.0
	1314 Strawfloor			0.00	0.0
	3824 Casey Springs Rd.			0.00	0.0
8/19/2013	3322 Woodsprings Rd.			0.00	0.0
<b>Total Applied:</b>				0.00	0.0 0.0 acres
<b>Total Larvicide Applied in Zone 3:</b>				0.00	0.0 0.0 acres
<b>Treatment Area 4 Applications</b>					
8/9/2013	3409 Bonnie Circle			0.00	0.0
8/16/2013	5904 Southwick Dr.			0.00	0.0
8/28/2013	Parker Rd. Rv Park			0.00	0.0



Date	Location	Habitat	Larvicide	Amount Applied (ounces)	Area Treated (sq ft)
				<i>Total Applied:</i>	0.00 0.0 0.0 acres
				<i>Total Larvicide Applied in Zone 4:</i>	0.00 0.0 0.0 acres
<b>Treatment Area 5 Applications</b>					
8/6/2013	perkins RV Park			0.00	0.0
8/8/2013	RV Park Parker Rd.			0.00	0.0
8/9/2013	1805 Pinevalley Lane			0.00	0.0
8/16/2013				0.00	0.0
8/19/2013	6617 S. Caraway			0.00	0.0
	2206 Hurst Lane			0.00	0.0
8/29/2013	1112 Watkins			0.00	0.0
8/30/2013	2808 Sunny Brook Dr.			0.00	0.0
				<i>Total Applied:</i>	0.00 0.0 0.0 acres
8/29/2013	1112 Watkins Grove Lane	Ditches	Aquabac 200G (62637-3)	16.00	0.3
				<i>Total Aquabac 200G Applied:</i>	16.00 0.3 0.0 acres
				<i>Total Larvicide Applied in Zone 5:</i>	16.00 0.3 0.0 acres
<b>Treatment Area 6 Applications</b>					
8/2/2013	3700 Fielder Dr.			0.00	0.0
				0.00	0.0
8/9/2013				0.00	0.0
8/16/2013	3812 Pleasant View			0.00	0.0
	2600 Alumni Center			0.00	0.0
	Ark. State University			0.00	0.0
				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>
8/16/2013	2600 Alumni BLVD			0.00	0.0
8/17/2013	2506 Honors Ave.			0.00	0.0
	2600 Alumni Blvd.			0.00	0.0
8/19/2013	2506 Honors Ave.			0.00	0.0
8/21/2013	2506 Honors Ave,			0.00	0.0
8/23/2013	312 Marzee Ann			0.00	0.0
8/30/2013	4137 Cypress Knoll			0.00	0.0
<b>Total Applied:</b>				0.00	0.0 0.0 acres
<b>Total Larvicide Applied in Zone 6:</b>				0.00	0.0 0.0 acres
<b>Treatment Area 7 Applications</b>					
8/14/2013	908 N. Caraway			0.00	0.0
8/19/2013	1304 WindyPine Dr.			0.00	0.0
8/23/2013	901 French			0.00	0.0
	n. Church / T. Green			0.00	0.0
<b>Total Applied:</b>				0.00	0.0 0.0 acres
<b>Total Larvicide Applied in Zone 7:</b>				0.00	0.0 0.0 acres
<b>Treatment Area 8 Applications</b>					
8/1/2013	Country Club Terrace			0.00	0.0
8/5/2013	601 W. Elm			0.00	0.0
8/9/2013	1410 Woodbury Lane			0.00	0.0
8/13/2013	1201 Fleming			0.00	0.0
8/17/2013	1104 Margorie Dr.			0.00	0.0
8/19/2013	1699 Stadiim Blvd.			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>
8/19/2013	305 Concord			0.00	0.0
	2906 Bermuda Dr.			0.00	0.0
8/21/2013	1409 Kitchen Court			0.00	0.0
	2201 Rains			0.00	0.0
8/23/2013	1203 W. Country Club Terrace			0.00	0.0
8/27/2013				0.00	0.0
8/27/2013	300 block N. liberty			0.00	0.0
				0.00	0.0
8/29/2013	1103 Wilkins Ave.			0.00	0.0
8/30/2013	2908 Bermuda			0.00	0.0
	2727 Condo B Greenbrier Dr.			0.00	0.0
	1709 E. Highland			0.00	0.0
<b>Total Applied:</b>				0.00	0.0 0.0 acres
8/30/2013	Ditch Behind Glenwood	Ditch	No Application (N/A)	0.00	0.0
<b>Total No Application Applied:</b>				0.00	0.0 0.0 acres
<b>Total Larvicide Applied in Zone 8:</b>				0.00	0.0 0.0 acres
<b>Treatment Area 9 Applications</b>					
8/1/2013	2208 Barnhill Rd.			0.00	0.0
	2204 Barnhill Rd.			0.00	0.0
8/14/2013				0.00	0.0
8/20/2013	4708 Samantha Ave.			0.00	0.0
8/28/2013	2208 Barnhill Rd.			0.00	0.0
<b>Total Applied:</b>				0.00	0.0 0.0 acres

<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>Larvicide</b>	<b>Amount Applied (ounces)</b>	<b>Area Treated (sq ft)</b>
<i>Total Larvicide Applied in Zone 9:</i>				0.00	0.0 0.0 acres
<b>Treatment Area 10 Applications</b>					
8/1/2013	3626 Flemon St.			0.00	0.0
8/6/2013	4308 Keller Chapel Rd.			0.00	0.0
8/19/2013	4705 Kellers Chapel			0.00	0.0
	5104 Johnwood Dr.			0.00	0.0
	3206 Ashwood Dr.			0.00	0.0
	1908 Cathrine Circle			0.00	0.0
8/21/2013	3602 Friendship Circle			0.00	0.0
8/21/2013	3206 Ashwood			0.00	0.0
8/23/2013	1908 Cathrine Circle			0.00	0.0
	2010 Keller Chapel Rd.			0.00	0.0
	3626 Flemon			0.00	0.0
8/26/2013	2103 W. Parker			0.00	0.0
	3107 Cherry Wood Dr.			0.00	0.0
	3509 Friendhope Rd.			0.00	0.0
8/30/2013	3116 Annadale Dr.			0.00	0.0
8/30/2013	4705 Kelleers Chapel Rd.			0.00	0.0
<i>Total Applied:</i>				0.00	0.0 0.0 acres
8/6/2013	3104 Aspen Dr.	Pool	Altosid XR Ingots (2724-421)	0.00	0.0
<i>Total Altosid XR Ingots Applied:</i>				0.00	0.0 0.0 acres
8/23/2013	Christian Valley Dr. & Hwy 49S.	Ditch	No Application (N/A)	0.00	0.0
<i>Total No Application Applied:</i>				0.00	0.0 0.0 acres

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

<b>Date</b>	<b>Location</b>	<b>Habitat</b>	<b>Larvicide</b>	<b>Amount Applied (ounces)</b>	<b>Area Treated (sq ft)</b>
<i>Total Larvicide Applied in Zone 10:</i>				0.00	0.0 0.0 acres
<b>Treatment Area 11 Applications</b>					
8/7/2013	3509 E. Highland Dr.			0.00	0.0
8/5/2013	3014B Pinefield Cove			0.00	0.0
8/13/2013	3509 E. Highland			0.00	0.0
8/14/2013	4904 E. Highland			0.00	0.0
8/20/2013	3509 E. Highland			0.00	0.0
8/23/2013	1804 Fair Lane			0.00	0.0
	1900 Kathleen			0.00	0.0
8/26/2013	3507 E. Highland			0.00	0.0
	3014 Pinefield Cove			0.00	0.0
8/30/2013	3507 E. Highland			0.00	0.0
	3509 E. Highland			0.00	0.0
<i>Total Applied:</i>				0.00	0.0 0.0 acres
<i>Total Larvicide Applied in Zone 11:</i>				0.00	0.0 0.0 acres
<i>Overall Total Ounces Applied</i>				16.00	0.3 0.0 acres



# Service Request Adulticide Applications

Start Date: 8/1/2013

End Date: 8/31/2013

## Jonesboro

Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
<b>Treatment Area 0 Applications</b>					
8/15/2013				0.0	0.00 acres
				<i>Total Applied:</i>	0.0
				(0.0 gals)	0.00 acres
8/9/2013		Kontrol 31-67 (73748-6)	1:4	28.0	2.00 acres
8/14/2013	603 E. Nettleton	Kontrol 31-67 (73748-6)	1:4	12.0	3.00 acres
8/16/2013	1206 South Main	Kontrol 31-67 (73748-6)	1:4	80.0	1.50 acres
8/19/2013		Kontrol 31-67 (73748-6)	1:4	6.0	4.00 acres
8/23/2013	1506 S. Church	Kontrol 31-67 (73748-6)	1:7	90.0	1.50 acres
				<i>Total Kontrol 31-67 Applied:</i>	216.0
				(1.7 gals)	12.00 acres
8/7/2013	5214 Peach Tree Ave.	Perm-X UL 30-30 (655-811)	2.5 -1	12.5	114.00 acres
8/29/2013	2906 Bermuda Dr.	Perm-X UL 30-30 (655-811)		25.0	0.50 acres
				<i>Total Perm-X UL 30-30 Applied:</i>	37.5
				(0.3 gals)	114.50 acres
<b>Treatment Area 1 Applications</b>					
8/1/2013	1315 East Nettleton	Permanone 10EC (432-1132)	1:2	60.0	0.75 acres
				<i>Total Permanone 10EC Applied:</i>	60.0
				(0.5 gals)	0.75 acres
<b>Treatment Area 2 Applications</b>					
8/28/2013	1815 Broadmoore	Kontrol 30-30 (73748-5)	1:5	25.0	1.00 acres
				<i>Total Kontrol 30-30 Applied:</i>	25.0
				(0.2 gals)	1.00 acres
8/14/2013	1301 West Huntington	Kontrol 31-67 (73748-6)	1:4	8.0	1.50 acres
8/14/2013	1214 Nettleton Circle	Kontrol 31-67 (73748-6)	1:4	8.0	1.00 acres

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



<b>Date</b>	<b>Location</b>	<b>Chemical</b>	<b>Mix Ratio</b>	<b>Amount Applied</b>	<b>Area Treated</b>
8/16/2013	1608 Leaf Cove	Kontrol 31-67 (73748-6)	1:4	12.0	1.50 acres
8/16/2013	2011 S. Culberhouse	Kontrol 31-67 (73748-6)	1:4	12.0	2.50 acres
8/20/2013	1916 Eldrode Cove	Kontrol 31-67 (73748-6)	1:7	28.0	1.00 acres
8/23/2013	21 Plantation Oaks	Kontrol 31-67 (73748-6)		54.0	1.00 acres
8/23/2013	2 Plantation	Kontrol 31-67 (73748-6)	1:7	154.0	3.00 acres
8/23/2013	1506 Lamar	Kontrol 31-67 (73748-6)	1:5	20.0	30.00 acres
8/23/2013	2200 Twin Oaks	Kontrol 31-67 (73748-6)	1:5	10.0	2.00 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>306.0</b> (2.4 gals)	<b>43.50 acres</b>
8/1/2013	1815 Broadmoore Rd.	Perm-X UL 30-30 (655-811)	2.5 -1	7.5	2.00 acres
8/28/2013	1816 Broadmoore	Perm-X UL 30-30 (655-811)	1:5	15.0	1.00 acres
8/29/2013	1232 South Madison	Perm-X UL 30-30 (655-811)		36.0	0.25 acres
8/30/2013	1327 Olive	Perm-X UL 30-30 (655-811)	1:5	10.0	1.00 acres
8/30/2013	2002 Stonemill Dr.	Perm-X UL 30-30 (655-811)	1:5	5.0	1.00 acres
<b>Total Perm-X UL 30-30 Applied:</b>				<b>73.5</b> (0.6 gals)	<b>5.25 acres</b>
<b>Treatment Area 3 Applications</b>					
8/16/2013	3322 Woodsprings	Kontrol 31-67 (73748-6)	1:4	12.0	5.50 acres
8/16/2013	1314 Strawfloor	Kontrol 31-67 (73748-6)	1:4	8.0	4.00 acres
8/16/2013	3824 Casey Springs Rd.	Kontrol 31-67 (73748-6)	1:4	16.0	25.00 acres
8/19/2013	3322 Woodsprings Rd.	Kontrol 31-67 (73748-6)	1:7	56.0	3.00 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>92.0</b> (0.7 gals)	<b>37.50 acres</b>
<b>Treatment Area 4 Applications</b>					
8/9/2013	3409 Bonnie Circle	Kontrol 31-67 (73748-6)	1:4	10.0	2.00 acres
8/16/2013	5904 Southwick Dr.	Kontrol 31-67 (73748-6)	1:4	20.0	1.50 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>30.0</b> (0.2 gals)	<b>3.50 acres</b>

Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
8/28/2013	Parker Rd. Rv Park	Perm-X UL 30-30 (655-811)	1:5	21.0	6.00 acres
<b>Total Perm-X UL 30-30 Applied:</b>				21.0 (0.2 gals)	6.00 acres
<b>Treatment Area 5 Applications</b>					
8/29/2013	1112 Watkins Grove Lane			0.0	0.00 acres
<b>Total Applied:</b>				0.0 (0.0 gals)	0.00 acres
8/8/2013	RV Park Parker Rd.	Kontrol 31-67 (73748-6)	1:4	92.0	10.00 acres
8/16/2013		Kontrol 31-67 (73748-6)	1:4	36.0	2.00 acres
8/19/2013	6617 S. Caraway	Kontrol 31-67 (73748-6)	1:7	42.0	3.00 acres
8/19/2013	2206 Hurst Lane	Kontrol 31-67 (73748-6)	1:7	42.0	2.00 acres
<b>Total Kontrol 31-67 Applied:</b>				212.0 (1.7 gals)	17.00 acres
8/9/2013	1805 Pinevalley Lane	Permanone 10EC (432-1132)	1:5	108.0	1.00 acres
<b>Total Permanone 10EC Applied:</b>				108.0 (0.8 gals)	1.00 acres
8/5/2013	perkins RV Park	Perm-X UL 30-30 (655-811)	2.5 -1	15.0	10.00 acres
8/29/2013	1112 Watkins	Perm-X UL 30-30 (655-811)	1:5	50.0	0.50 acres
8/29/2013	2808 Sunny Brook Dr.	Perm-X UL 30-30 (655-811)	1:6	10.0	8.00 acres
<b>Total Perm-X UL 30-30 Applied:</b>				75.0 (0.6 gals)	18.50 acres
<b>Treatment Area 6 Applications</b>					
8/16/2013	2600 Aluimni BLVD	Kontrol 31-67 (73748-6)	1:4	79.2	1.00 acres
8/16/2013	2600 Aluimni Center	Kontrol 31-67 (73748-6)	1:4	28.0	2.00 acres
8/16/2013	Ark. State University	Kontrol 31-67 (73748-6)	1:4	40.0	50.00 acres
8/16/2013	3812 Pleasant View	Kontrol 31-67 (73748-6)	1:4	24.0	2.00 acres
8/16/2013		Kontrol 31-67 (73748-6)	1:4	24.0	30.00 acres
8/17/2013	2506 Honors Ave.	Kontrol 31-67 (73748-6)	1:4	68.0	50.00 acres
8/17/2013	2600 Alumni Blvd.	Kontrol 31-67 (73748-6)	1:4	20.0	1.50 acres

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

Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
8/19/2013	2506 Honors Ave.	Kontrol 31-67 (73748-6)	1:7	56.0	40.00 acres
8/21/2013	2506 Honors Ave,	Kontrol 31-67 (73748-6)	1:7	49.0	40.00 acres
8/23/2013	312 Marzee Ann	Kontrol 31-67 (73748-6)	1:7	21.0	1.00 acres
<i>Total Kontrol 31-67 Applied:</i>				409.2 (3.2 gals)	217.50 acres
8/2/2013		Permanone 30-30 (432-1235 )	2.5 - 1	0.0	50.00 acres
<i>Total Permanone 30-30 Applied:</i>				0.0 (0.0 gals)	50.00 acres
8/9/2013		Permanone 31-66 (432-1250)	1:3	170.0	15.00 acres
<i>Total Permanone 31-66 Applied:</i>				170.0 (1.3 gals)	15.00 acres
8/2/2013	3700 Fielder Dr.	Perm-X UL 30-30 (655-811)	2.5 - 1	10.0	0.25 acres
8/29/2013	4137 Cypress Knoll	Perm-X UL 30-30 (655-811)	1:5	25.0	1.00 acres
<i>Total Perm-X UL 30-30 Applied:</i>				35.0 (0.3 gals)	1.25 acres
<b>Treatment Area 7 Applications</b>					
8/14/2013	908 N. Caraway	Kontrol 31-67 (73748-6)	1:4	28.0	6.00 acres
8/19/2013	1304 WindyPine Dr.	Kontrol 31-67 (73748-6)	1:7	7.0	1.00 acres
8/23/2013	901 French	Kontrol 31-67 (73748-6)	1:7	14.0	1.00 acres
8/23/2013	n. Church / T. Green	Kontrol 31-67 (73748-6)	1:7	84.0	40.00 acres
<i>Total Kontrol 31-67 Applied:</i>				133.0 (1.0 gals)	48.00 acres
<b>Treatment Area 8 Applications</b>					
8/30/2013	Ditch Behind Glenwood			0.0	0.00 acres
<i>Total Applied:</i>				0.0 (0.0 gals)	0.00 acres
8/29/2013	1103 Wilkins Ave.	Kontrol 30-30 (73748-5)		54.0	1.00 acres
<i>Total Kontrol 30-30 Applied:</i>				54.0 (0.4 gals)	1.00 acres
8/9/2013	1410 Woodbury Lane	Kontrol 31-67 (73748-6)	1:6	25.0	1.00 acres

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

<b>Date</b>	<b>Location</b>	<b>Chemical</b>	<b>Mix Ratio</b>	<b>Amount Applied</b>	<b>Area Treated</b>
8/13/2013	1201 Fleming	Kontrol 31-67 (73748-6)	1:4	128.0	4.00 acres
8/19/2013	2906 Bermuda Dr.	Kontrol 31-67 (73748-6)	1:7	57.0	0.50 acres
8/19/2013	1699 Stadiuim Blvd.	Kontrol 31-67 (73748-6)	1:7	14.0	1.00 acres
8/19/2013	305 Concord	Kontrol 31-67 (73748-6)	1:7	7.0	1.00 acres
8/21/2013	2201 Rains	Kontrol 31-67 (73748-6)	1:7	14.0	2.00 acres
8/21/2013	1409 Kitchen Court	Kontrol 31-67 (73748-6)	1:7	14.0	2.00 acres
8/23/2013	1203 W. Country Club Terrace	Kontrol 31-67 (73748-6)	1:7	36.0	1.50 acres
8/27/2013		Kontrol 31-67 (73748-6)		72.0	1.50 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>367.0</b> <i>(2.9 gals)</i>	<b>14.50 acres</b>
8/17/2013	1104 Margorie Dr.	Martin's 31-67 (53883-151)	1:4	32.0	2.00 acres
<b>Total Martin's 31-67 Applied:</b>				<b>32.0</b> <i>(0.3 gals)</i>	<b>2.00 acres</b>
8/1/2013	Country Club Terrace	Perm-X UL 30-30 (655-811)	2.5 -1	27.5	2.00 acres
8/5/2013	601 W. Elm	Perm-X UL 30-30 (655-811)	2.5 -1	17.5	1.00 acres
8/26/2013		Perm-X UL 30-30 (655-811)	1:5	40.0	40.00 acres
8/27/2013	300 block N. liberty	Perm-X UL 30-30 (655-811)	1:5	5.0	1.00 acres
8/30/2013	2908 Bermuda	Perm-X UL 30-30 (655-811)	1:5	10.0	0.50 acres
8/30/2013	2727 Condo B Greenbrier Dr.	Perm-X UL 30-30 (655-811)	1:5	15.0	0.50 acres
8/30/2013	1709 E. Highland	Perm-X UL 30-30 (655-811)	1:5	5.0	1.00 acres
<b>Total Perm-X UL 30-30 Applied:</b>				<b>120.0</b> <i>(0.9 gals)</i>	<b>46.00 acres</b>
<b>Treatment Area 9 Applications</b>					
8/28/2013	2208 Barnhill Rd.	Kontrol 30-30 (73748-5)	1:5	20.0	1.00 acres
<b>Total Kontrol 30-30 Applied:</b>				<b>20.0</b> <i>(0.2 gals)</i>	<b>1.00 acres</b>
8/14/2013		Kontrol 31-67 (73748-6)	1:4	44.0	45.00 acres

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

Date	Location	Chemical	Mix Ratio	Amount Applied	Area Treated
8/20/2013	4708 Samantha Ave.	Kontrol 31-67 (73748-6)	1:5	15.0	0.25 acres
				<b>Total Kontrol 31-67 Applied:</b> 59.0 (0.5 gals)	45.25 acres
8/1/2013	2204 Barnhill Rd.	Perm-X UL 30-30 (655-811)	2.5 -1	30.0	4.00 acres
8/1/2013	2208 Barnhill Rd.	Perm-X UL 30-30 (655-811)	2.5 - 1	7.5	2.00 acres
				<b>Total Perm-X UL 30-30 Applied:</b> 37.5 (0.3 gals)	6.00 acres
<b>Treatment Area 10 Applications</b>					
8/6/2013	3104 Aspen Dr.			0.0	0.00 acres
8/23/2013	Christian Valley Dr. & Hwy 49S.			0.0	0.00 acres
				<b>Total Applied:</b> 0.0 (0.0 gals)	0.00 acres
8/19/2013	3206 Ashwood Dr.	Kontrol 31-67 (73748-6)	1:7	28.0	1.00 acres
8/19/2013	1908 Cathrine Circle	Kontrol 31-67 (73748-6)	1:7	49.0	4.00 acres
8/19/2013	4705 Kellers Chapel	Kontrol 31-67 (73748-6)	1:7	56.0	1.00 acres
8/19/2013	5104 Johnwood Dr.	Kontrol 31-67 (73748-6)	1:7	42.0	1.00 acres
8/20/2013	3602 Friendship Circle	Kontrol 31-67 (73748-6)	1:7	27.0	10.00 acres
8/21/2013	3206 Ashwood	Kontrol 31-67 (73748-6)	1:7	7.0	4.00 acres
8/23/2013	3626 Flemon	Kontrol 31-67 (73748-6)	1:7	42.0	2.00 acres
8/23/2013	1908 Cathrine Circle	Kontrol 31-67 (73748-6)	1:7	46.0	0.50 acres
				<b>Total Kontrol 31-67 Applied:</b> 297.0 (2.3 gals)	23.50 acres
8/23/2013	2010 Keller Chapel Rd.	Kontrol 4-4 (73748-4)	1:7	28.0	1.00 acres
				<b>Total Kontrol 4-4 Applied:</b> 28.0 (0.2 gals)	1.00 acres
8/1/2013	3626 Flemon St.	Perm-X UL 30-30 (655-811)	2.5 - 1	12.5	0.50 acres
8/26/2013	3509 Friendhope Rd.	Perm-X UL 30-30 (655-811)	1:5	90.0	6.00 acres
8/26/2013	3107 Cherry Wood Dr.	Perm-X UL 30-30 (655-811)	1:5	10.0	4.00 acres



<b>Date</b>	<b>Location</b>	<b>Chemical</b>	<b>Mix Ratio</b>	<b>Amount Applied</b>	<b>Area Treated</b>
8/26/2013	2103 W. Parker	Perm-X UL 30-30 (655-811)	1:5	25.0	6.00 acres
8/29/2013	3116 Annadale Dr.	Perm-X UL 30-30 (655-811)	1:5	15.0	1.00 acres
8/30/2013	4705 Kelleers Chapel Rd.	Perm-X UL 30-30 (655-811)	1:5	10.0	1.00 acres
<b>Total Perm-X UL 30-30 Applied:</b>				<b>162.5</b> <i>(1.3 gals)</i>	<b>18.50 acres</b>
8/6/2013	4308 Keller Chapel Rd.	Scourge 18-54 (432-667)	1:5	20.0	2.00 acres
<b>Total Scourge 18-54 Applied:</b>				<b>20.0</b> <i>(0.2 gals)</i>	<b>2.00 acres</b>
<b>Treatment Area 11 Applications</b>					
8/13/2013	3509 E. Highland	Kontrol 31-67 (73748-6)	1:5	12.0	1.00 acres
8/14/2013	4904 E. Highland	Kontrol 31-67 (73748-6)	1:4	4.0	5.00 acres
8/20/2013	3509 E. Highland	Kontrol 31-67 (73748-6)	1:5	20.0	1.00 acres
8/23/2013	1804 Fair Lane	Kontrol 31-67 (73748-6)	1:7	7.0	1.00 acres
8/23/2013	1900 Kathleen	Kontrol 31-67 (73748-6)	1:7	28.0	1.00 acres
<b>Total Kontrol 31-67 Applied:</b>				<b>71.0</b> <i>(0.6 gals)</i>	<b>9.00 acres</b>
8/5/2013	3014B Pinefield Cove	Perm-X UL 30-30 (655-811)	2.5-1	12.5	1.00 acres
8/26/2013	3507 E. Highland	Perm-X UL 30-30 (655-811)	1:5	15.0	2.00 acres
8/26/2013	3014 Pinefield Cove	Perm-X UL 30-30 (655-811)	1:5	10.0	1.00 acres
8/30/2013	3507 E. Highland	Perm-X UL 30-30 (655-811)	1:5	25.0	0.25 acres
8/30/2013	3509 E. Highland	Perm-X UL 30-30 (655-811)	1:5	25.0	0.25 acres
<b>Total Perm-X UL 30-30 Applied:</b>				<b>87.5</b> <i>(0.7 gals)</i>	<b>4.50 acres</b>
8/5/2013	3509 E. Highland Dr.	Scourge 18-54 (432-667)	1:5	110.0	40.00 acres
<b>Total Scourge 18-54 Applied:</b>				<b>110.0</b> <i>(0.9 gals)</i>	<b>40.00 acres</b>
<b>Grand Totals</b>				<b>3,468.7</b> <i>(27.1 gals)</i>	<b>806.50 acres</b>



## Summary of Service Requests

**Start Date:** 8/1/2013

**End Date:** 8/31/2013

**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 2013		0	8	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	253.5 oz
August 2013		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	60.0 oz
August 2013		2	15	15	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 15 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	404.5 oz

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

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 2013		3	4	4	No Action Required: 0	Eggs: 0	0.00 oz	92.0 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 0	Adults: 0		
					Adulticided: 4			
					Needed to Return: 0			
August 2013		4	3	3	No Action Required: 0	Eggs: 0	0.00 oz	51.0 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 0	Adults: 0		
					Adulticided: 3			
					Needed to Return: 0			
August 2013		5	9	9	No Action Required: 0	Eggs: 0	16.00 oz	395.0 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 1	Adults: 0		
					Adulticided: 8			
					Needed to Return: 0			
August 2013		6	14	14	No Action Required: 0	Eggs: 0	0.00 oz	614.2 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 0	Adults: 0		
					Adulticided: 14			
					Needed to Return: 0			

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

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 2013		7	4	4	No Action Required: 0	Eggs: 0	0.00 oz	133.0 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 0	Adults: 0		
					Adulticided: 3			
					Needed to Return: 0			
August 2013		8	19	19	No Action Required: 0	Eggs: 0	0.00 oz	573.0 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 1	Adults: 0		
					Adulticided: 18			
					Needed to Return: 0			
August 2013		9	5	5	No Action Required: 0	Eggs: 0	0.00 oz	116.5 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 0	Adults: 0		
					Adulticided: 5			
					Needed to Return: 0			
August 2013		10	18	18	No Action Required: 0	Eggs: 0	0.00 oz	507.5 oz
					Emptied Containers: 0	Larvae: 0		
					Biological Control: 0	Pupae: 0		
					Larvicided: 0	Adults: 0		
					Adulticided: 15			
					Needed to Return: 1			

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

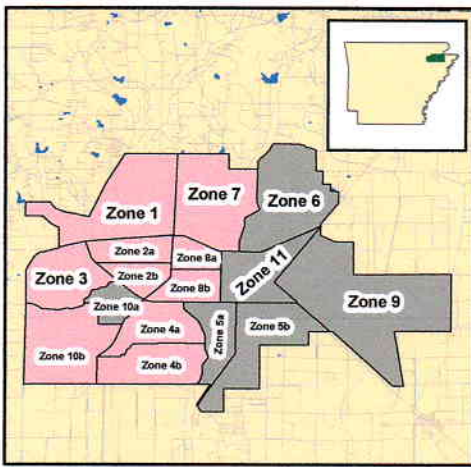
Month	Municipality	Treatment Area	Total Calls	Total Inspected	Disposition Totals	Total Sites with Mosquitoes	Total Amount of Larvicide Applied	Total Amount of Adulticide Applied
August 2013		11	11	11	No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 11 Needed to Return: 0	Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0	0.00 oz	268.5 oz

**Overall Totals:** 111 109 NA: 0 LV: 2 EC: 0 AT: 103 BC: 0 NR: 1 16.00 oz 3468.7 oz



# The City of Jonesboro, Arkansas

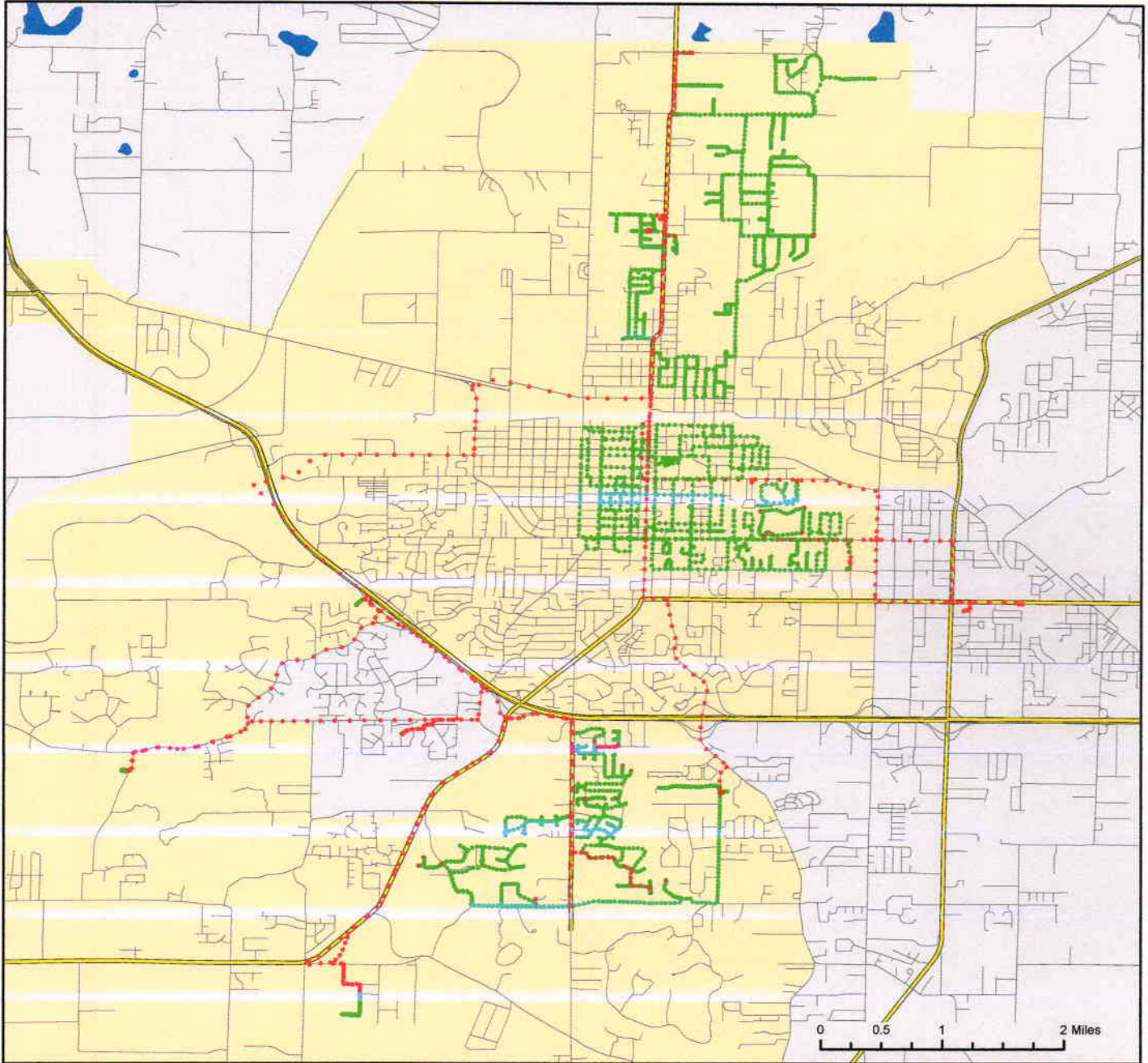
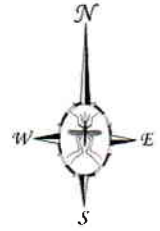
## Ground Adulticide Application Date: August 26, 2013



### Sprayer Status

- Spray Off
- Spray On

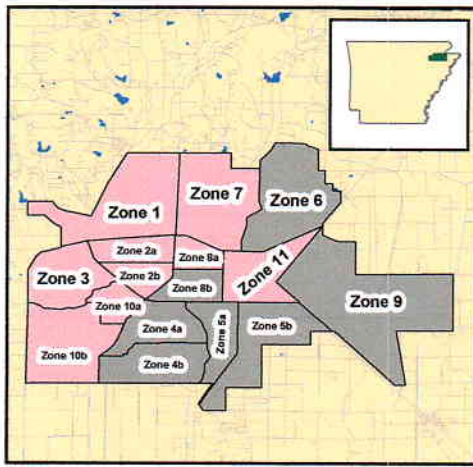
Chemical: Perm X 30-30  
Quantity Used: 19.5 gal  
Miles Treated: 81.8  
Acres Treated: 2,967.0





# The City of Jonesboro, Arkansas

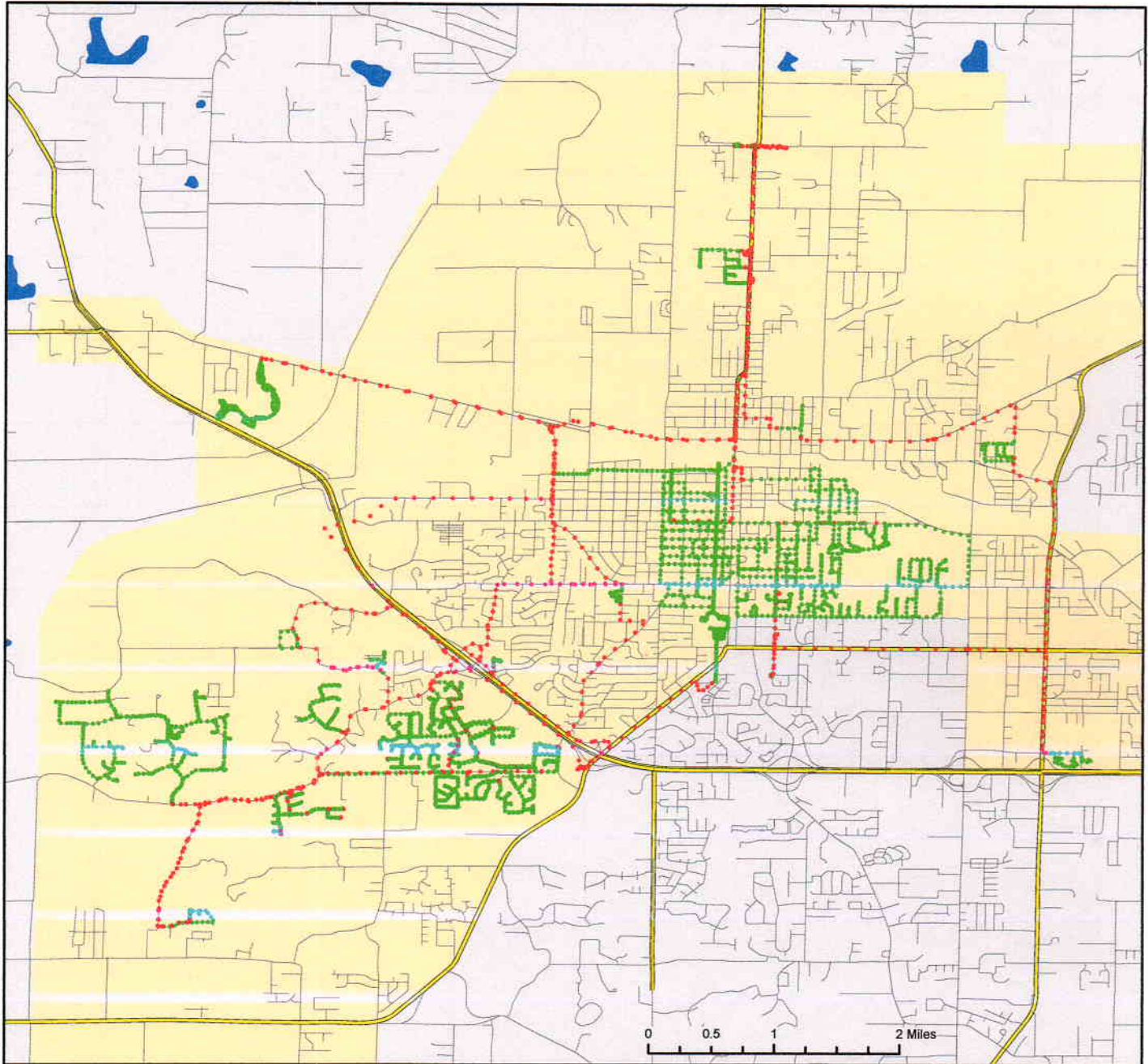
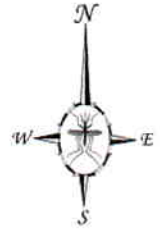
Ground Adulticide Application Date:  
August 21, 2013



## Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 30-30  
Quantity Used: 20.8 gal  
Miles Treated: 100.5  
Acres Treated: 3,646.0



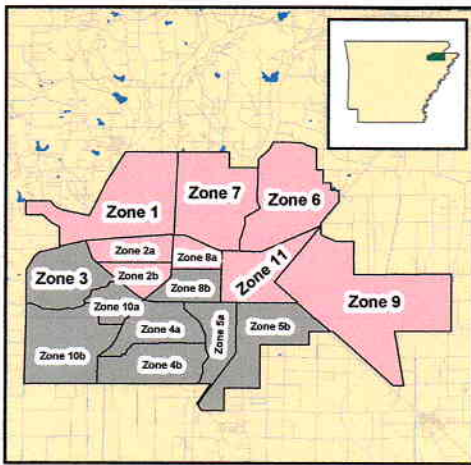
Vector Disease Control  
1320 Brookland Dr., Suite H  
Little Rock, AR 72202

These map products were developed for use by VDCI for its internal purposes only and were not designed or intended for general use by members of the public. VDCI makes no representation or warranty as to its accuracy, timeliness, or completeness, and in particular, its accuracy in labeling or displaying dimensions, contours, property boundaries, or placement or location of any map features thereon. ©2013 VDCI. All rights reserved.



# The City of Jonesboro, Arkansas

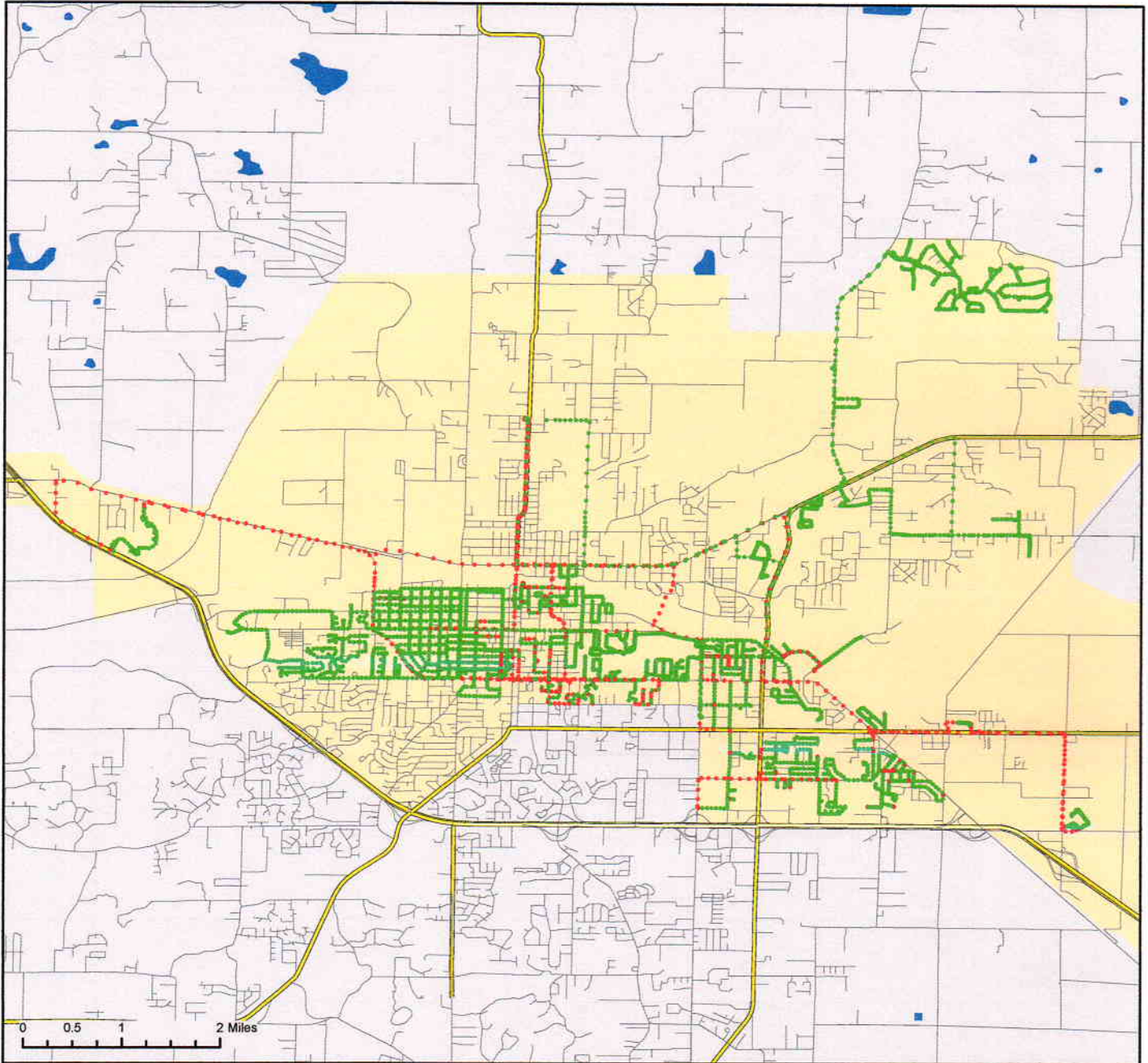
## Ground Adulticide Application Date: August 14, 2013



### Sprayer Status

- Spray Off
- Spray On

Chemical: Perm X 30-30  
Quantity Used: 26.5 gal  
Miles Treated: 105.0  
Acres Treated: 3,808.0



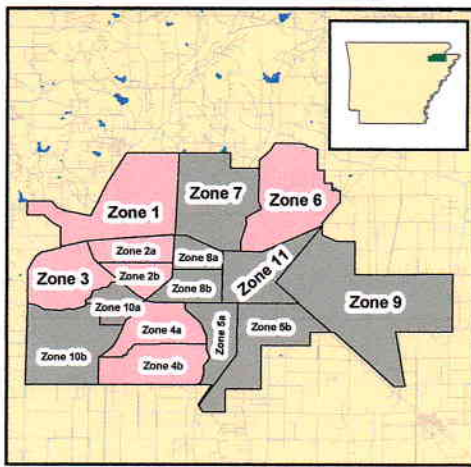
Vector Disease Control  
1320 Brookland Dr., Suite H  
Little Rock, AR 72202

These map products were developed for use by VDCI for its internal purposes only and were not designed or intended for general use by members of the public. VDCI makes no representation or warranty as to its accuracy, timeliness, or completeness, and in particular, its accuracy in labeling or displaying dimensions, contours, property boundaries, or placement or location of any map features thereon. © 2013 VDCI. All rights reserved.



# The City of Jonesboro, Arkansas

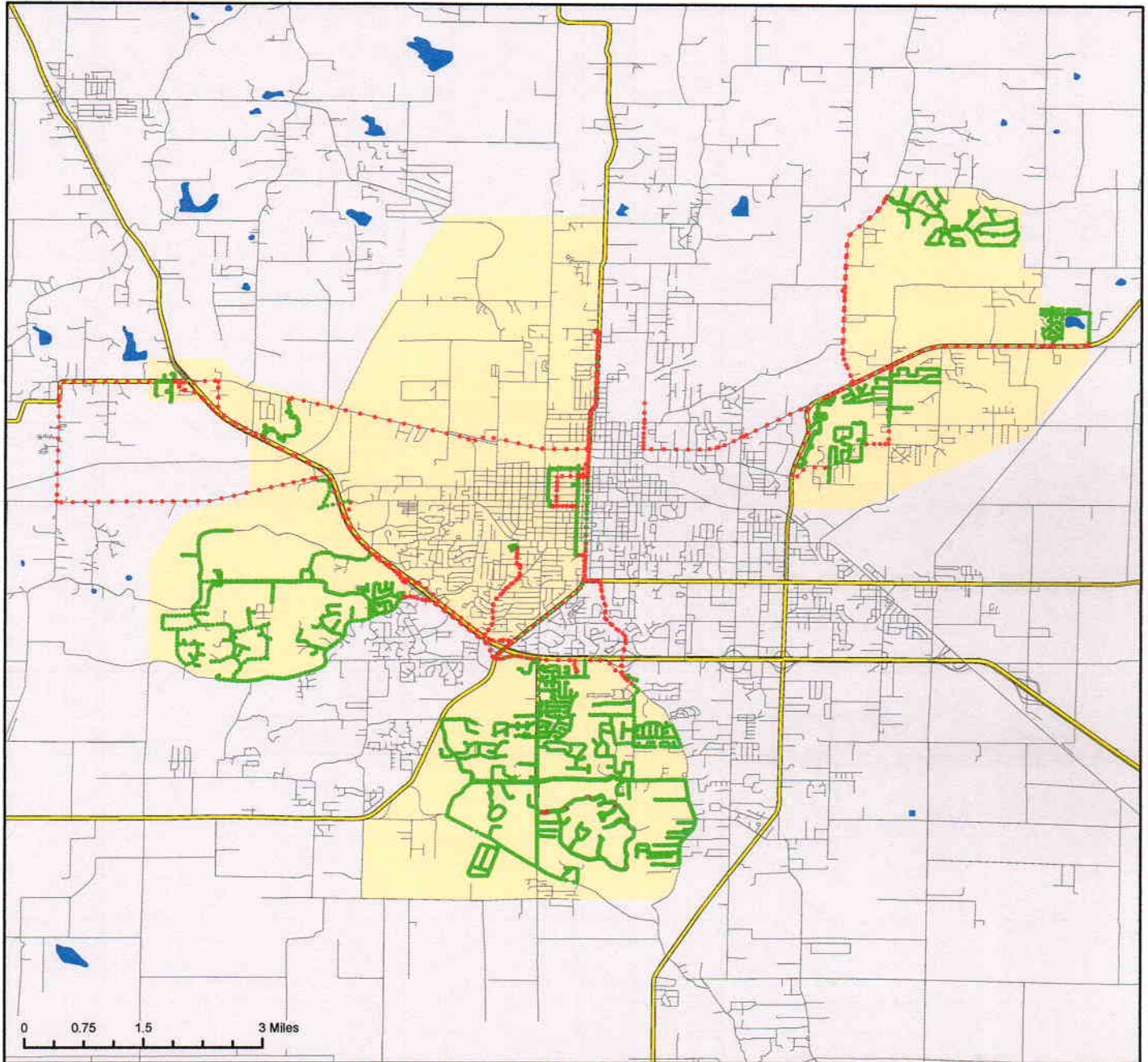
Ground Adulticide Application Date:  
August 9, 2013



### Sprayer Status

- Spray Off
- Spray On

Chemical: Perm X 30-30  
Quantity Used: 39.0 gal  
Miles Treated: 155.0  
Acres Treated: 5,624.0



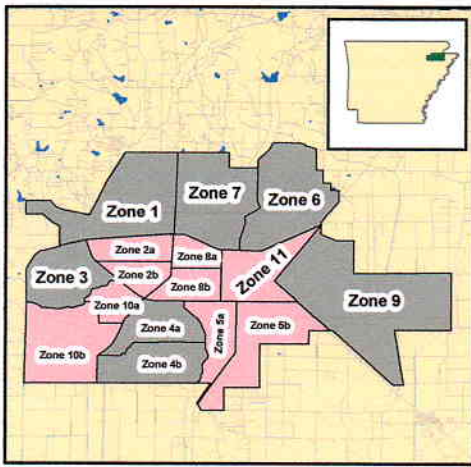
Vector Disease Control  
1320 Brookland Dr., Suite H  
Little Rock, AR 72202

These map products were developed for use by VDCI for its internal purposes only and were not designed or intended for general use by members of the public. VDCI makes no representation or warranty as to its accuracy, timeliness, or completeness, and in particular, its accuracy in labeling or displaying dimensions, contours, property boundaries, or placement or location of any map features thereon. © 2013 VDCI. All rights reserved.



# The City of Jonesboro, Arkansas

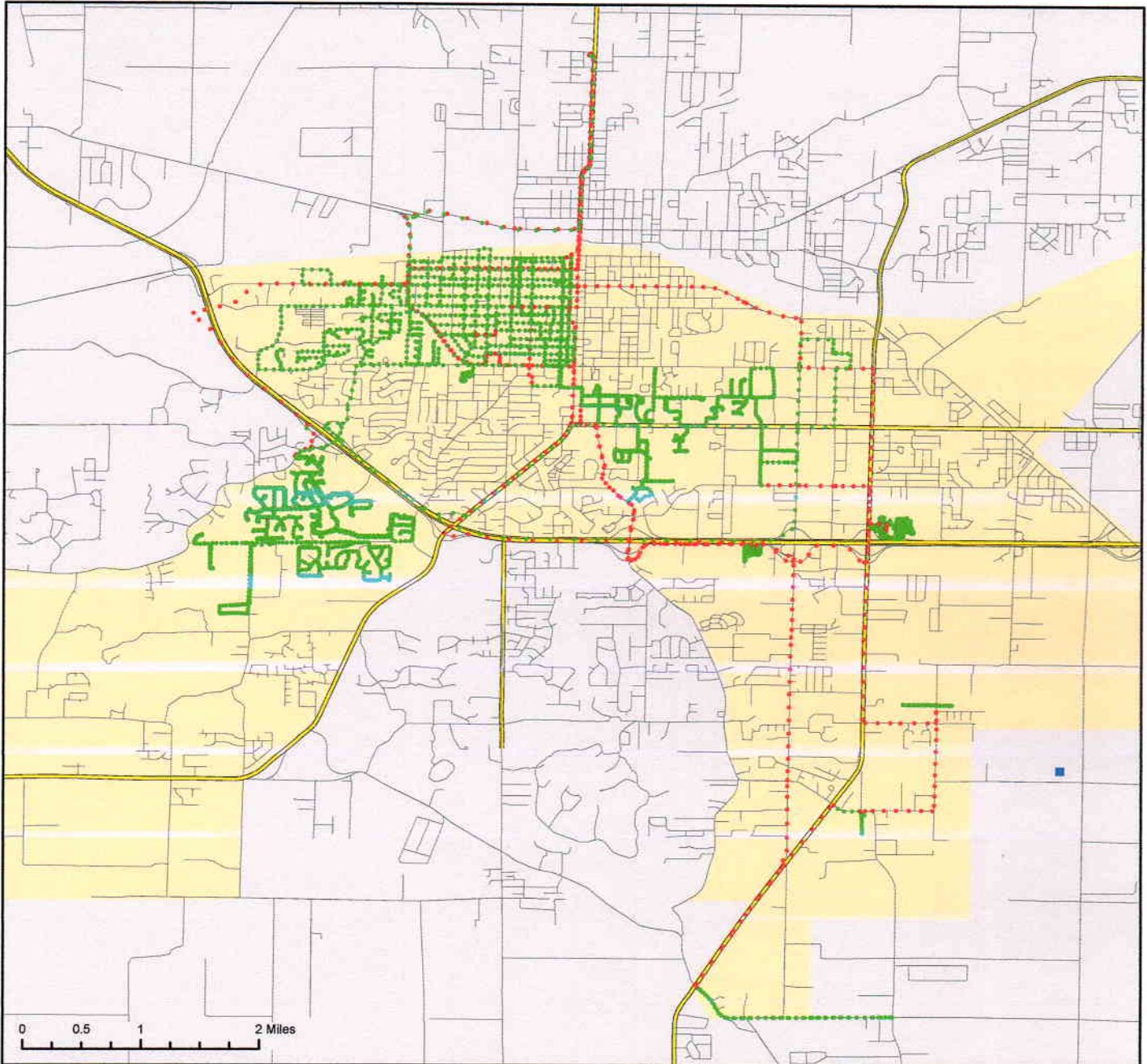
Ground Adulticide Application Date:  
August 8, 2013



## Sprayer Status

- Spray Off
- Spray On

Chemical: Perm X 30-30  
Quantity Used: 17.5 gal  
Miles Treated: 49.0  
Acres Treated: 1,778.0



Vector Disease Control  
1320 Brookland Dr., Suite H  
Little Rock, AR 72202

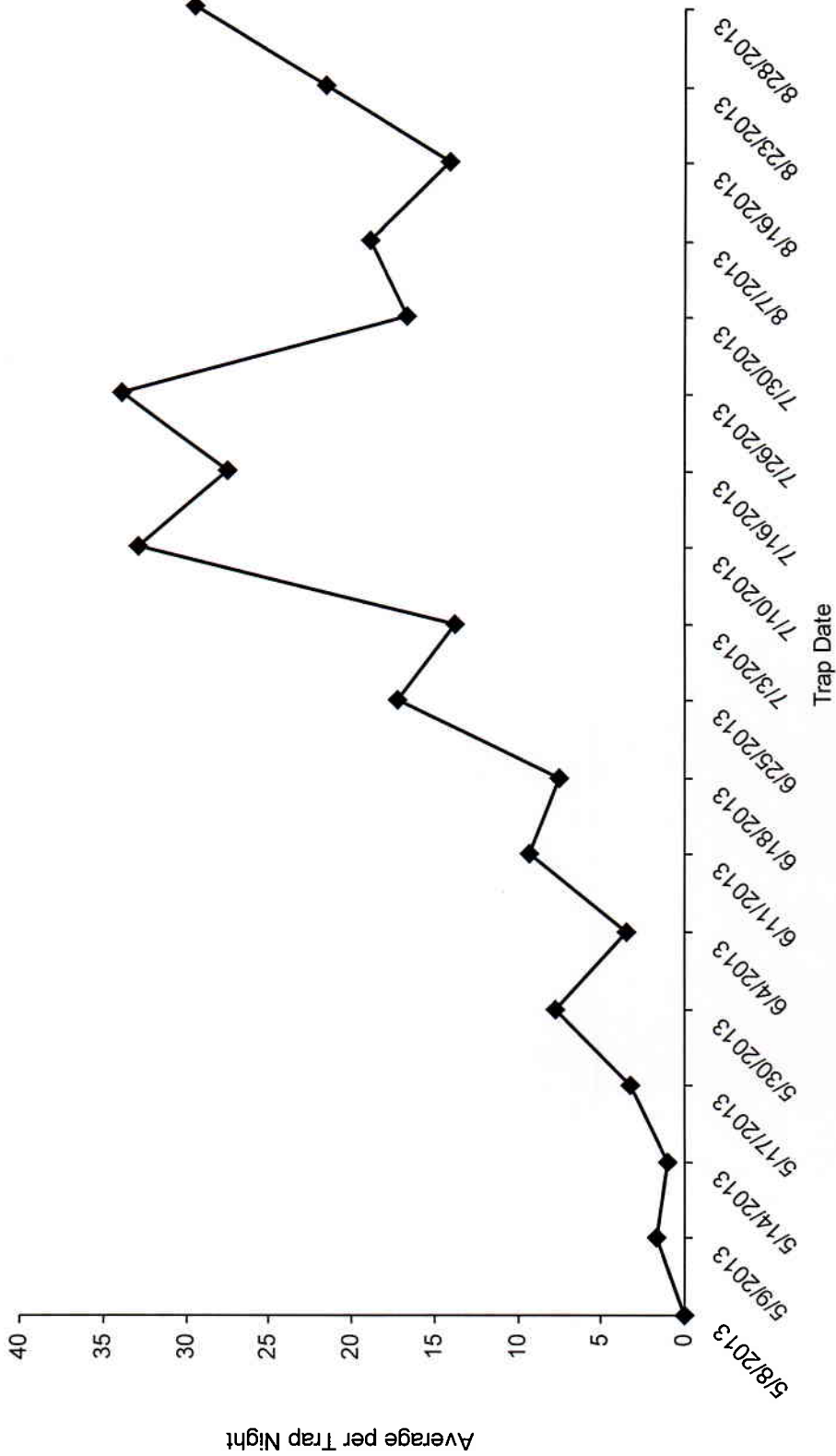
These map products were developed for use by VDCI for its internal purposes only and were not designed or intended for general use by members of the public. VDCI makes no representation or warranty as to its accuracy, timeliness, or completeness, and in particular, its accuracy in labeling or displaying dimensions, contours, property boundaries, or placement or location of any map features thereon. ©2013 VDCI. All rights reserved.





# Adult Mosquito Surveillance Summary

Jonesboro



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