



Vector Disease Control, Inc.

Mosquito Surveillance and Control Report

for the

City of Jonesboro

May 2015

2221 N. Church St. Jonesboro, AR 72401

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www.vdci.net





City of Jonesboro Activity Report

May 2015

Vector Disease Control, Inc. (VDCI) provides a proven, scientific approach to mosquito control for the city of Jonesboro. VDCI's operations include larval and adult mosquito surveillance followed by the application of larvicides and adulticides. In addition, our office responds to service requests from the public.

Mosquito Surveillance

VDCI has utilized a total of thirteen (13) New Jersey light traps placed in residential and recreational areas throughout Jonesboro during this reporting period. These traps collected an average of 12.8 mosquitoes per trap night (333 total mosquitoes) during this time. There have been a total of 1 mosquito species collected, with *Aedes Vexans* 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, 119 site inspections found the presence of mosquito larvae. As a result of these inspections 48.8 ounces of the larvicide Aquabac 200G was applied to these mosquito breeding sites.

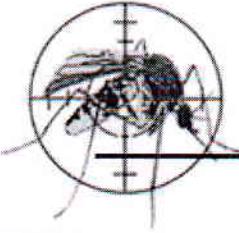
Additionally, VDCI is continuing to eliminate breeding habitats for artificial container mosquitoes by targeting bird baths, buckets, tires, etc.

*Report***ADULT MOSQUITO CONTROL ACTIVITY**

In response to community events and mosquito surveillance data, VDCI applied adulticide (15) 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 426.6 spray miles (12,786.2 acres) were treated with a total of 105.5 gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to 16 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: 5/1/2015

End Date: 5/31/2015

Jonesboro

| Trap Location | Date Trap Set | Trap Type | Mosquito Species | No. Collected |
|-------------------------------------|---------------|---------------|---------------------|----------------------------------|
| Treatment Area 1 Collections | | | | |
| Shady Lalne | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 9 |
| | | | | Trap Total 9 (Avg. 9) |
| Shady Lane | 5/14/2015 | NJ Light Trap | No Mosquitoes | 0 |
| | | | | Trap Total 0 (Avg. 0) |
| Sugar Ridge | 5/14/2015 | NJ Light Trap | No Mosquitoes | 0 |
| Sugar Ridge | 5/21/2015 | NJ Light Trap | No Mosquitoes | 0 |
| | | | | Trap Total 0 (Avg. 0) |
| Treatment Area 2 Collections | | | | |
| Strawfloor | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 40 |
| | | | | Trap Total 40 (Avg. 40) |
| Treatment Area 3 Collections | | | | |
| Ridge Pointe | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 2 |
| Ridge Pointe | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 52 |
| | | | | Trap Total 54 (Avg. 27) |
| Treatment Area 4 Collections | | | | |
| Part Ridge | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 11 |
| Part Ridge | 5/21/2015 | NJ Light Trap | TO Wet | 0 |
| | | | | Trap Total 11 (Avg. 5.5) |
| Treatment Area 5 Collections | | | | |
| Derby Dr. | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 1 |
| Derby Dr. | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 8 |
| | | | | Trap Total 9 (Avg. 4.5) |
| Frog Pond | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 3 |
| Frog Pond | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 20 |
| | | | | Trap Total 23 (Avg. 11.5) |

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| Trap Location | Date Trap Set | Trap Type | Mosquito Species | No. Collected |
|--------------------------------------|---------------|---------------|----------------------|----------------|
| Strawfloor | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 5 |
| Trap Total | | | | 5 (Avg. 5) |
| Treatment Area 6 Collections | | | | |
| Oakhill | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 3 |
| Oakhill | 5/21/2015 | NJ Light Trap | <i>To wet</i> | 0 |
| Trap Total | | | | 3 (Avg. 1.5) |
| Pleasant View | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 4 |
| Pleasant View | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 44 |
| Trap Total | | | | 48 (Avg. 24) |
| Treatment Area 8 Collections | | | | |
| Briarcrest | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 4 |
| Briarcrest | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 21 |
| Trap Total | | | | 25 (Avg. 12.5) |
| Matthew | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 8 |
| Matthew | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 62 |
| Trap Total | | | | 70 (Avg. 35) |
| Treatment Area 9 Collections | | | | |
| Cottage Home Rd. | 5/14/2015 | NJ Light Trap | <i>Aedes vexans</i> | 2 |
| Cottage Home Rd. | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 10 |
| Trap Total | | | | 12 (Avg. 6) |
| Treatment Area 10 Collections | | | | |
| Quail Ridge | 5/14/2015 | NJ Light Trap | <i>No Mosquitoes</i> | 0 |
| Quail Ridge | 5/21/2015 | NJ Light Trap | <i>Aedes vexans</i> | 24 |
| Trap Total | | | | 24 (Avg. 12) |

Overall Trap Total 333
Overall Trap Average 12.8



Larval Surveillance Data

Start Date: 5/1/2015

End Date: 5/31/2015

Jonesboro

| Date | Location | Habitat | No. Dipped | Larvicided | Mosquito Species | No. ID'd |
|---|--------------------|---------|------------|------------|------------------|----------|
| Treatment Area 1 Sites Inspected | | | | | | |
| 5/6/2015 | 1025 Freeman | Ditch | 0 | No | | |
| | 1100 Blankenship | Ditch | 0 | No | | |
| | 1100 Vine | Ditch | 0 | No | | |
| | 1505 Winchester | Ditch | 0 | No | | |
| | 1900 Oak | Ditch | 0 | No | | |
| | 200 Behrden Dr. | Ditch | 0 | No | | |
| | 200 Hickox Dr. | Ditch | 0 | No | | |
| | 224 Harry Dr. | Ditch | 0 | No | | |
| | 2400 Meadowbrook | Ditch | 0 | No | | |
| | 2401 Matthews | Ditch | 0 | No | | |
| | 2608 Culberhouse | Ditch | 0 | No | | |
| | 604 N. Floyd | Ditch | 0 | No | | |
| | 700 Blankenship | Ditch | 0 | No | | |
| | 915 Arrowhead rd. | Ditch | 0 | No | | |
| | Lacy Drive | Ditch | 0 | No | | |
| 5/7/2015 | 104 Hickox | Ditch | 0 | No | | |
| | 1812 Broadmore | Ditch | 0 | No | | |
| | 2008 Bobwhite Dr. | Ditch | 0 | No | | |
| | 207 Harry Dr. | Ditch | 0 | No | | |
| | 2111 Arrowhead Rd. | Ditch | 0 | No | | |
| | 212 Lamesa St. | Ditch | 0 | No | | |
| | 224 Harry Dr. | Ditch | 0 | No | | |
| | 2604 Nix Lane | Ditch | 0 | No | | |

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| Date | Location | Habitat | No. Dipped | Larvicided | Mosquito Species | No. ID'd |
|-------------|---|----------------|-------------------|-------------------|-------------------------|-----------------|
| 5/7/2015 | 2609 Minx Ln. | Ditch | 0 | No | | |
| | 3204 Boudian Dr. | Ditch | 0 | No | | |
| | 3211 Turtle Creek Rd. | Ditch | 0 | No | | |
| | 3421 Quail Ridge | Ditch | 0 | No | | |
| | 3512 Flemon Rd. | Ditch | 0 | No | | |
| | 904 Hatch Coat Lane | Ditch | 0 | No | | |
| | Cottenbelt St. | Ditch | 0 | No | | |
| | Dupre St. | Ditch | 0 | No | | |
| | Flemon Rd. | Ditch | 0 | No | | |
| | Harry & Doris Dr. | Ditch | 0 | No | | |
| 5/26/2015 | 104 Hickox | Ditch | 0 | No | | |
| | 1507 Dana Debbie | Ditch | 0 | No | | |
| | 1815 Arrowhead Rd. | Ditch | 0 | No | | |
| | 2002 Ponderosa | Ditch | 0 | No | | |
| | 2010 Ponderosa | Ditch | 0 | No | | |
| | 205 Bearden | Ditch | 0 | No | | |
| | 205 Harry | Ditch | 0 | No | | |
| | 207 Myette | Ditch | 0 | No | | |
| | 2111 Arrowhead Rd. | Ditch/ Culvert | 2 | Yes | | |
| | 2906 Scottwood | Ditch | 0 | No | | |
| | Asphalt Producers Inc., 721 Dan Ave. | Tires | 10 | Yes | | |
| | Judge Bearden Rd. | Ditch | 0 | No | | |
| | Lamsa / Grove | Ditch/ Culvert | 4 | Yes | | |
| 5/27/2015 | 1000 Falls St. | Ditch | 0 | No | | |
| | 1100 Neil Dr. | Ditch | 0 | No | | |
| | 2400 Fairfield Dr. | Ditch | 0 | No | | |
| | 2508 Mary Jane Dr. | Ditch | 0 | No | | |
| | 3400 Meador Rd. | Ditch | 0 | No | | |

| Date | Location | Habitat | No. Dipped | Larvicided | Mosquito Species | No. ID'd |
|--|--------------------------|----------------|-------------------|-------------------|-------------------------|-----------------|
| 5/27/2015 | 3500 Airport Rd. | Ditch | 0 | No | | |
| | 3600 Parkwood Rd. | Ditch | 0 | No | | |
| | 3704 Racwe St. | Ditch | 0 | No | | |
| | 3900 Lindberg Dr. | Ditch | 0 | No | | |
| | 3902 Griggs Ave. | Ditch | 0 | No | | |
| | 900 Glendale St. | Ditch | 0 | No | | |
| | Access Rd. | Ditch | 0 | No | | |
| Total Sites Inspected in Zone 1: 58 | | | | | | |
| Treatment Area 2 Sites Inspected | | | | | | |
| 5/7/2015 | 1703 Deprre | Ditch | 10 | Yes | | |
| | 2102 Cathrine Dr. | Ditch | 8 | Yes | | |
| Total Sites Inspected in Zone 2: 2 | | | | | | |
| Treatment Area 4 Sites Inspected | | | | | | |
| 5/4/2015 | 2301 Fox Meadow | Ditch | 0 | No | | |
| | 3600 Forest Hill | Ditch | 0 | No | | |
| | 3800 S. Caraway | Ditch | 0 | No | | |
| | 3909 Harrisburg Rd. | Ditch | 0 | No | | |
| | 402 Southbrook | Ditch | 0 | No | | |
| | 4712 Craighead Forrest | Ditch | 0 | No | | |
| | 611 Lawson | Ditch | 0 | No | | |
| | 711 Lawson | Ditch | 0 | No | | |
| | 713 W. Craighead Forrest | Ditch | 15 | Yes | | |
| 5/21/2015 | 1204 Hidden Tree | Ditch | 0 | No | | |
| | 1311 Hidden Valley Dr. | Ditch | 5 | Yes | | |
| | 5210 Koala Dr. | Ditch | 0 | No | | |
| | 5624 Valley Ridge Trail | Ditch | 0 | No | | |
| | 5627 Valley Ridge Trail | Ditch | 0 | No | | |
| | S. Caraway Rd. | Ditch | 0 | No | | |

| Date | Location | Habitat | No. Dipped | Larvicided | Mosquito Species | No. ID'd |
|--|--|----------------|------------|------------|------------------|----------|
| Total Sites Inspected in Zone 4: 15 | | | | | | |
| Treatment Area 5 Sites Inspected | | | | | | |
| 5/26/2015 | Lakeside Contractors, 3663 Parker Rd. | Tires | 8 | Yes | | |
| | Purcell Tire, 3218 S. Caraway Rd. | Tires | 6 | Yes | | |
| | Raider Tire, 3206 Industrial Dr. | Tires | 10 | Yes | | |
| Total Sites Inspected in Zone 5: 3 | | | | | | |
| Treatment Area 6 Sites Inspected | | | | | | |
| 5/14/2015 | | Ditch | 0 | No | | |
| | 2906 Schotchwood Dr. | Ditch | 9 | Yes | | |
| | 328 Sagewood | Ditch | 0 | No | | |
| | 3529 Barabara Ann | Ditch | 0 | No | | |
| | 4317 Peach Tree | Ditch | 0 | No | | |
| 5/26/2015 | 2129 Bridger Rd. | Ditch | 0 | No | | |
| | 4209 Sagemeadow Blvd. | Ditch | 0 | No | | |
| Total Sites Inspected in Zone 6: 7 | | | | | | |
| Treatment Area 7 Sites Inspected | | | | | | |
| 5/21/2015 | 1507 Dana Debbie | Ditch | 0 | No | | |
| | 1603 Daybreak | Ditch | 0 | No | | |
| | 2207 Ranchette | Culvert | 0 | No | | |
| | 2813 Dacu | Ditch | 0 | No | | |
| | 2908 N. Culberhouse | Ditch | 0 | No | | |
| | 305 Ranchette | Ditch/ Culvert | 0 | No | | |
| | 315 E. Philidelphia | Ditch | 0 | No | | |
| | 515 Philidelphia Rd. | Ditch | 0 | No | | |
| | Dacus and Philadelphia | Ditch | 0 | No | | |
| | Philidephia Rd. | Ditch | 0 | No | | |
| | Ponderosa & Magnolia | Ditch | 0 | No | | |

| Date | Location | Habitat | No. Dipped | Larvicided | Mosquito Species | No. ID'd |
|---|---------------------------------------|----------------|------------|------------|------------------|----------|
| 5/26/2015 | 220 Philadelphia | Ditch | 0 | No | | |
| | Don's Auto Sales, 1012 Johnon Ave. | Tires | 5 | Yes | | |
| Total Sites Inspected in Zone 7: 13 | | | | | | |
| Treatment Area 9 Sites Inspected | | | | | | |
| 5/26/2015 | 5709 Commerce Sq. | Ditch/ Culvert | 0 | No | | |
| Total Sites Inspected in Zone 9: 1 | | | | | | |
| Treatment Area 10 Sites Inspected | | | | | | |
| 5/19/2015 | 1817 Covey Rd. | Ditch | 0 | No | | |
| | 1900 Stillwater Dr. | Ditch | 0 | No | | |
| | 2601 Flemon Rd. | Ditch | 0 | No | | |
| | 2904 Covey Rd. | Ditch | 0 | No | | |
| | 3800 Neely Lane | Ditch | 0 | No | | |
| | 4309 Keller's Chapel | Ditch | 0 | No | | |
| | 4600 Oak Park Dr. | Ditch | 0 | No | | |
| | 5200 Woodsprings Rd. | Ditch | 0 | No | | |
| | 5216 Friendly Hope Rd. | Ditch | 0 | No | | |
| | 5400 Maple Valley Dr. | Ditch | 0 | No | | |
| | 6000 Beaver Run Ln. | Ditch | 0 | No | | |
| | 6000 Woodsprings Rd. | Ditch | 0 | No | | |
| Total Sites Inspected in Zone 10: 12 | | | | | | |
| Treatment Area 11 Sites Inspected | | | | | | |
| 5/14/2015 | 2325 Clark St. | Ditch | 0 | No | | |
| | 3100 Race St. | Ditch | 0 | No | | |
| | 3407 Race St. | Ditch | 0 | No | | |
| | 3505 Airport Rd. | Ditch | 0 | No | | |
| | 3516 Race St. | Ditch | 0 | No | | |
| | 3807 Race St. | Ditch | 15 | Yes | | |
| | 4201 Nettleton Ave. | Ditch | 0 | No | | |
| | Cain St. | Ditch | 4 | Yes | | |

| Date | Location | Habitat | No. Dipped | Larvicided | Mosquito Species | No. ID'd |
|-----------|------------|------------|------------|------------|------------------|----------|
| 5/14/2015 | Cain St. | Truck Ramp | 0 | No | | |
| | School St. | Tile | 10 | Yes | | |

Total Sites Inspected in Zone 11: 10



Larvicide Applications

Start Date: 5/1/2015

End Date: 5/31/2015

Jonesboro

| Date | Location | Habitat | No. of Larvae | Larvicide | Amount Applied (oz.) | Area Treated (sq ft) | |
|--------------------------------------|--------------------------------------|----------------|---------------|------------------------|---|----------------------|-------|
| Treatment Area 1 Applications | | | | | | | |
| 5/26/2015 | Asphalt Producers Inc., 721 Dan Ave. | Tires | 10 | Abate 5% (8329-15) | 1.0 | 0.0 | |
| | | | | | Total Ounces Applied: | 1.0 | 0.0 |
| | | | | | | 0.0 acres | |
| 5/26/2015 | 2111 Arrowhead Rd. | Ditch/ Culvert | 2 | Aquabac 200G (62637-3) | 4.0 | 20.0 | |
| | Lamsa / Grove | Ditch/ Culvert | 4 | Aquabac 200G (62637-3) | 2.0 | 10.0 | |
| | | | | | Total Ounces Applied: | 6.0 | 30.0 |
| | | | | | | 0.0 acres | |
| | | | | | Total Larvicide Applied in Zone 1: | 7.0 | 30.0 |
| | | | | | | 0.0 acres | |
| Treatment Area 2 Applications | | | | | | | |
| 5/7/2015 | 1703 Deprre | Ditch | 10 | Aquabac 200G (62637-3) | 4.0 | 15.0 | |
| | 2102 Cathrine Dr. | Ditch | 8 | Aquabac 200G (62637-3) | 5.0 | 30.0 | |
| | | | | | Total Ounces Applied: | 9.0 | 45.0 |
| | | | | | | 0.0 acres | |
| | | | | | Total Larvicide Applied in Zone 2: | 9.0 | 45.0 |
| | | | | | | 0.0 acres | |
| Treatment Area 4 Applications | | | | | | | |
| 5/4/2015 | 713 W. Craighead Forrest | Ditch | 15 | Aquabac 200G (62637-3) | 3.0 | 5.0 | |
| 5/21/2015 | 1311 Hidden Valley Dr. | Ditch | 5 | Aquabac 200G (62637-3) | 8.0 | 100.0 | |
| | | | | | Total Ounces Applied: | 11.0 | 105.0 |
| | | | | | | 0.0 acres | |
| | | | | | Total Larvicide Applied in Zone 4: | 11.0 | 105.0 |
| | | | | | | 0.0 acres | |

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| Date | Location | Habitat | No. of Larvae | Larvicide | Amount Applied (oz.) | Area Treated (sq ft) | |
|---------------------------------------|--|---------|---------------|---------------------------|--|----------------------|-------|
| Treatment Area 5 Applications | | | | | | | |
| 5/26/2015 | Lakeside Contractors, 3663 Parker Rd. | Tires | 8 | Abate 5% (8329-15) | 1.0 | | |
| | Purcell Tire, 3218 S. Caraway Rd. | Tires | 6 | Abate 5% (8329-15) | 0.3 | 0.0 | |
| | Raider Tire, 3206 Industrial Dr. | Tires | 10 | Abate 5% (8329-15) | 0.3 | 0.0 | |
| | | | | | Total Ounces Applied: | 1.5 | 0.0 |
| | | | | | | 0.0 acres | |
| | | | | | Total Larvicide Applied in Zone 5: | 1.5 | 0.0 |
| | | | | | | 0.0 acres | |
| Treatment Area 6 Applications | | | | | | | |
| 5/14/2015 | 2906 Schotchwood Dr. | Ditch | 9 | Aquabac 200G (62637-3) | 8.0 | 75.0 | |
| | | | | | Total Ounces Applied: | 8.0 | 75.0 |
| | | | | | | 0.0 acres | |
| | | | | | Total Larvicide Applied in Zone 6: | 8.0 | 75.0 |
| | | | | | | 0.0 acres | |
| Treatment Area 7 Applications | | | | | | | |
| 5/26/2015 | Don's Auto Sales, 1012 Johnon Ave. | Tires | 5 | Abate 5% (8329-15) | 0.3 | 0.0 | |
| | | | | | Total Ounces Applied: | 0.3 | 0.0 |
| | | | | | | 0.0 acres | |
| | | | | | Total Larvicide Applied in Zone 7: | 0.3 | 0.0 |
| | | | | | | 0.0 acres | |
| Treatment Area 11 Applications | | | | | | | |
| 5/14/2015 | 3807 Race St. | Ditch | 15 | Aquabac 200G (62637-3) | 8.0 | 200.0 | |
| | Cain St. | Ditch | 4 | Aquabac 200G (62637-3) | 2.0 | 15.0 | |
| | School St. | Tile | 10 | Aquabac 200G (62637-3) | 2.0 | 15.0 | |
| | | | | | Total Ounces Applied: | 12.0 | 230.0 |
| | | | | | | 0.0 acres | |
| | | | | | Total Larvicide Applied in Zone 11: | 12.0 | 230.0 |
| | | | | | | 0.0 acres | |

| Date | Location | Habitat | No. of Larvae | Larvicide | Amount Applied (oz.) | Area Treated (sq ft) |
|-------------------------------------|----------|---------|---------------|-----------|----------------------|----------------------|
| <i>Overall Total Ounces Applied</i> | | | | | 48.8 | 485.0 0.0 acres |



Service Request Adulticide Applications

Start Date: 5/1/2015

End Date: 5/31/2015

Jonesboro

| Date | Location | Chemical | Mix Ratio | Amount Applied | Area Treated |
|--------------------------------------|----------------------|-------------------------------|---------------------------------------|---------------------|--------------|
| Treatment Area 0 Applications | | | | | |
| 5/5/2015 | | | | 0.0 | 0.00 acres |
| | | | <i>Total Applied:</i> | 0.0 (0.0 gals) | 0.00 acres |
| 5/28/2015 | 2511 Woodsprings Rd. | Kontrol 30-30 (73748-5) | 1:4 | 480.0 | 10.00 acres |
| | | | <i>Total Kontrol 30-30 Applied:</i> | 480.0 (3.8 gals) | 10.00 acres |
| 5/5/2015 | | Permanone 30-30 (432-1235) | 1:4 | 80.0 | 1.00 acres |
| 5/8/2015 | | Permanone 30-30 (432-1235) | 1:4 | 32.0 | 25.00 acres |
| | | | <i>Total Permanone 30-30 Applied:</i> | 112.0 (0.9 gals) | 26.00 acres |
| Treatment Area 2 Applications | | | | | |
| 5/19/2015 | 1106 Ownes | Kontrol 30-30 (73748-5) | 1:4 | 40.0 | 0.25 acres |
| | | | <i>Total Kontrol 30-30 Applied:</i> | 40.0 (0.3 gals) | 0.25 acres |
| 5/18/2015 | 1324 Strawfloor | Permanone 30-30 (432-1235) | 1:4 | 80.0 | 1.00 acres |
| | | | <i>Total Permanone 30-30 Applied:</i> | 80.0 (0.6 gals) | 1.00 acres |
| Treatment Area 3 Applications | | | | | |
| 5/14/2015 | 2600 Duckswater | Wisdom (5481-520) | oz. per ga | 7.0 | 1.00 acres |
| | | | <i>Total Wisdom Applied:</i> | 7.0 (0.1 gals) | 1.00 acres |
| Treatment Area 4 Applications | | | | | |
| 5/19/2015 | 601 Tannehill | Kontrol 30-30 (73748-5) | 1:4 | 40.0 | 0.50 acres |
| | | | <i>Total Kontrol 30-30 Applied:</i> | 40.0 (0.3 gals) | 0.50 acres |
| Treatment Area 7 Applications | | | | | |

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| Date | Location | Chemical | Mix Ratio | Amount Applied | Area Treated |
|---------------------------------------|----------------------|-------------------------------|--------------|---------------------------------------|------------------------|
| 5/22/2015 | 2304 Evelyn | Kontrol 30-30 (73748-5) | 1:4 | 232.0 | 2.00 acres |
| | | | | Total Kontrol 30-30 Applied: | 232.0 (1.8 gals) |
| 5/18/2015 | 2304 Evelyln Lane | Permanone 30-30 (432-1235) | 1:4 | 80.0 | 1.00 acres |
| | | | | Total Permanone 30-30 Applied: | 80.0 (0.6 gals) |
| 5/15/2015 | 2304 Evelyen Ln. | Wisdom (5481-520) | 5 oz. per rr | 32.0 | 1.00 acres |
| | | | | Total Wisdom Applied: | 32.0 (0.3 gals) |
| Treatment Area 8 Applications | | | | | |
| 5/21/2015 | 107 State St. | | | 0.0 | 0.00 acres |
| | | | | Total Applied: | 0.0 (0.0 gals) |
| 5/19/2015 | 826 West Oak ave. | Kontrol 30-30 (73748-5) | 1:4 | 40.0 | 0.50 acres |
| | | | | Total Kontrol 30-30 Applied: | 40.0 (0.3 gals) |
| Treatment Area 10 Applications | | | | | |
| 5/1/2015 | 3120 Woodsprings Rd. | Permanone 30-30 (432-1235) | 1:6 | 120.0 | 3.00 acres |
| | | | | Total Permanone 30-30 Applied: | 120.0 (0.9 gals) |
| 5/1/2015 | 3120 Woodsprings Rd. | Wisdom (5481-520) | oz per 1 g: | 120.0 | 1.00 acres |
| | | | | Total Wisdom Applied: | 120.0 (0.9 gals) |
| Treatment Area 11 Applications | | | | | |
| 5/20/2015 | 3412 East Sun Ave. | Kontrol 30-30 (73748-5) | 1:4 | 80.0 | 3.00 acres |
| | | | | Total Kontrol 30-30 Applied: | 80.0 (0.6 gals) |
| | | | | Grand Totals | 1,463.0 (11.4 gals) |



Ground Adulticide Applications

Start Date: 5/1/2015 End Date: 5/31/2015

Jonesboro

| Month | Date | Municipality | Chemical | Mix Ratio | Trip Miles | Spray Miles | Spray Acres | Gallons Sprayed |
|-------------------------------|-----------|--------------|----------------------------|-----------|--|-------------|-------------|-----------------|
| Treatment Area 1 Applications | | | | | | | | |
| May 2015 | 5/19/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 56.0 | 38.0 | 0.0 | 7.0 |
| | | | | | <i>Total Kontrol 30-30 Applied: 7.0</i> | | | |
| | | | | | Zone 1 Totals: 56.0 38.0 0.0 7.0 | | | |
| Treatment Area 2 Applications | | | | | | | | |
| May 2015 | 5/28/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 43.0 | 34.7 | 1259.0 | 8.5 |
| | | | | | <i>Total Kontrol 30-30 Applied: 8.5</i> | | | |
| | | | | | Zone 2 Totals: 43.0 34.7 1,259.0 8.5 | | | |
| Treatment Area 3 Applications | | | | | | | | |
| May 2015 | 5/28/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 68.0 | 42.2 | 1531.0 | 6.5 |
| | 5/29/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 56.0 | 31.5 | 1142.0 | 6.5 |
| | | | | | <i>Total Kontrol 30-30 Applied: 13.0</i> | | | |
| | | | | | Zone 3 Totals: 124.0 73.7 2,673.0 13.0 | | | |
| Treatment Area 4 Applications | | | | | | | | |

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| Month | Date | Municipality | Chemical | Mix Ratio | Trip Miles | Spray Miles | Spray Acres | Gallons Sprayed |
|--|-----------|--------------|-------------------------------|-----------|------------|-------------|-------------|-----------------|
| May 2015 | 5/22/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 45.0 | 28.7 | 1041.0 | 6.4 |
| | 5/28/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 52.0 | 36.1 | 1315.0 | 14.0 |
| | 5/29/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 59.0 | 40.3 | 146.2 | 9.8 |
| <i>Total Kontrol 30-30 Applied: 30.2</i> | | | | | | | | |
| May 2015 | 5/5/2015 | | Permanone 30-30 (432-1235) | 1:4 | 47.0 | 27.4 | 994.0 | 5.3 |
| | 5/15/2015 | | Permanone 30-30 (432-1235) | 1:4 | 58.0 | 37.3 | 1353.0 | 7.6 |
| <i>Total Permanone 30-30 Applied: 12.9</i> | | | | | | | | |
| Treatment Area 6 Applications | | | | | | | | |
| <i>Zone 4 Totals: 261.0 169.8 4,849.2 43.2</i> | | | | | | | | |
| May 2015 | 5/26/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 56.0 | 41.9 | 1520.0 | 7.3 |
| | 5/6/2015 | | Permanone 30-30 (432-1235) | 1:4 | 0.0 | 0.0 | 0.0 | 4.4 |
| <i>Total Kontrol 30-30 Applied: 7.3</i> | | | | | | | | |
| <i>Total Permanone 30-30 Applied: 4.4</i> | | | | | | | | |
| Treatment Area 7 Applications | | | | | | | | |
| <i>Zone 6 Totals: 56.0 41.9 1,520.0 11.6</i> | | | | | | | | |
| May 2015 | 5/19/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 39.0 | 35.0 | 1270.0 | 8.0 |
| <i>Total Kontrol 30-30 Applied: 8.0</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 | | | | | | | | |
| May 2015 | 5/19/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 46.0 | 33.5 | 1215.0 | 6.8 |
| | | | | | <i>Total Kontrol 30-30 Applied: 6.8</i> | | | |
| | | | | | 46.0 | 33.5 | 1,215.0 | 6.8 |
| Treatment Area 10 Applications | | | | | | | | |
| May 2015 | 5/29/2015 | | Kontrol 30-30 (73748-5) | 1:4 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | <i>Total Kontrol 30-30 Applied: 0.0</i> | | | |
| | | | | | 0.0 | 0.0 | 0.0 | 0.0 |
| Treatment Area 11 Applications | | | | | | | | |
| May 2015 | 5/15/2015 | | Permanone 30-30 (432-1235) | 1:4 | 0.0 | 0.0 | 0.0 | 7.4 |
| | | | | | <i>Total Permanone 30-30 Applied: 7.4</i> | | | |
| | | | | | 0.0 | 0.0 | 0.0 | 7.4 |
| | | | | | 625.0 | 426.6 | 12,786.2 | 105.5 |

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Summary of Service Requests

Start Date: 5/1/2015 End Date: 5/31/2015

Jonesboro

| Month | Municipality | Treatment Area | Total Calls | Total Inspected | Disposition Totals | Total Sites with Mosquitoes | Total Amount of Larvicide Applied | Total Amount of Adulticide Applied |
|----------|--------------|----------------|-------------|-----------------|---|---|-----------------------------------|------------------------------------|
| May 2015 | | 0 | 4 | 3 | No Action Required: 1 Emptied Containers: 0 Biological Control: 1 Larvicided: 0 Adulticided: 3 Needed to Return: 0 | Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0 | 0.00 oz | 592.0 oz |
| May 2015 | | 2 | 2 | 2 | No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 0 Adulticided: 2 Needed to Return: 0 | Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0 | 0.00 oz | 120.0 oz |
| May 2015 | | 3 | 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 | 7.0 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 |
|----------|--------------|----------------|-------------|-----------------|---|---|-----------------------------------|------------------------------------|
| May 2015 | | 4 | 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 | 40.0 oz |
| May 2015 | | 7 | 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 | 344.0 oz |
| May 2015 | | 8 | 2 | 2 | No Action Required: 0 Emptied Containers: 0 Biological Control: 0 Larvicided: 1 Adulticided: 1 Needed to Return: 0 | Eggs: 0 Larvae: 0 Pupae: 0 Adults: 0 | 0.00 oz | 40.0 oz |
| May 2015 | | 10 | 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 | 240.0 oz |

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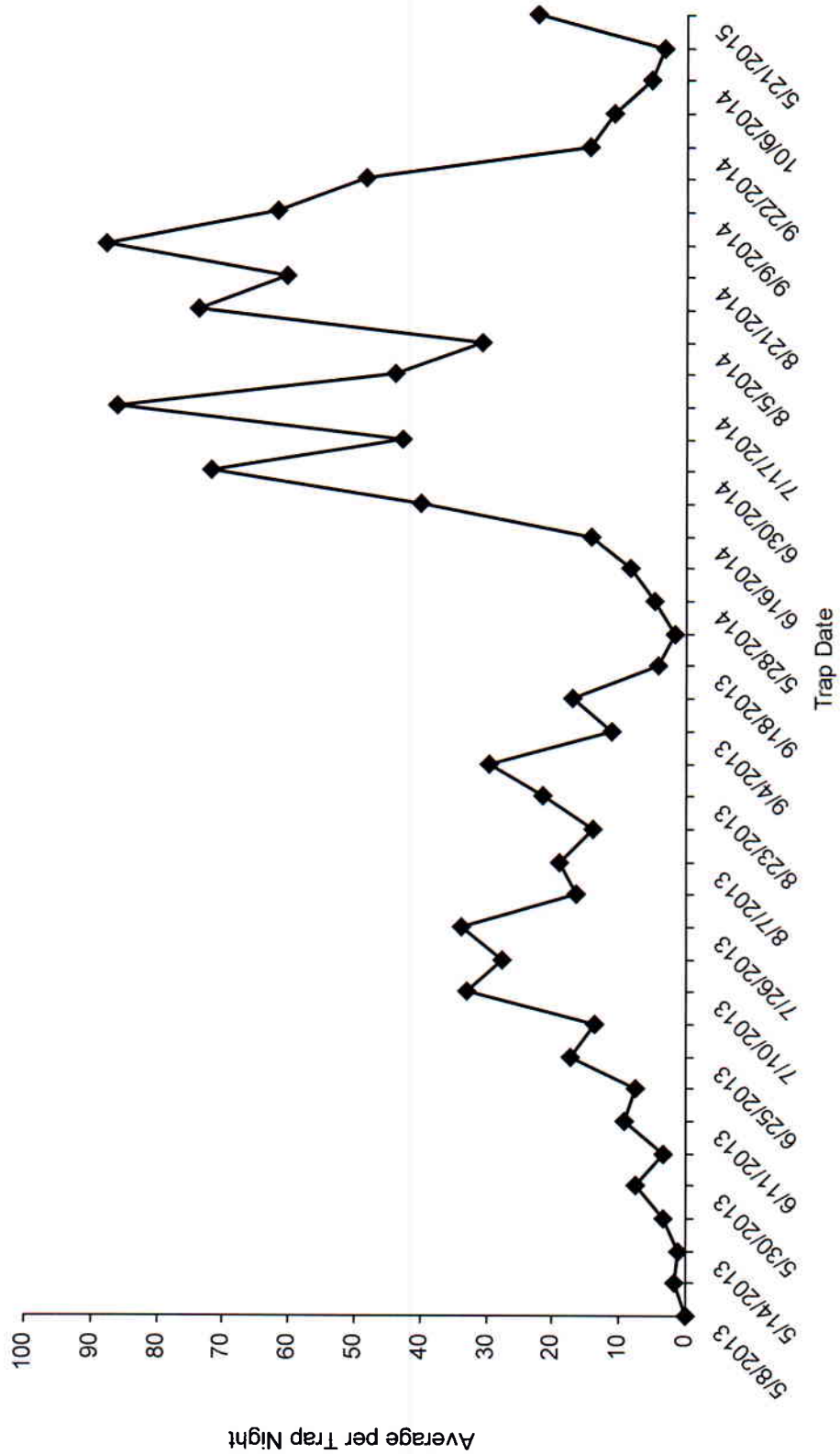
| Month | Municipality | Treatment Area | Total Calls | Total Inspected | Disposition Totals | Total Sites with Mosquitoes | Total Amount of Larvicide Applied | Total Amount of Adulticide Applied |
|----------|--------------|----------------|-------------|-----------------|---|---|-----------------------------------|------------------------------------|
| May 2015 | | 11 | 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 | 80.0 oz |

Overall Totals: 16 15 15
NA: 1 LV: 1
EC: 0 AT: 14
BC: 1 NR: 0
0.00 oz 1463.0 oz



Adult Mosquito Surveillance Summary

Jonesboro



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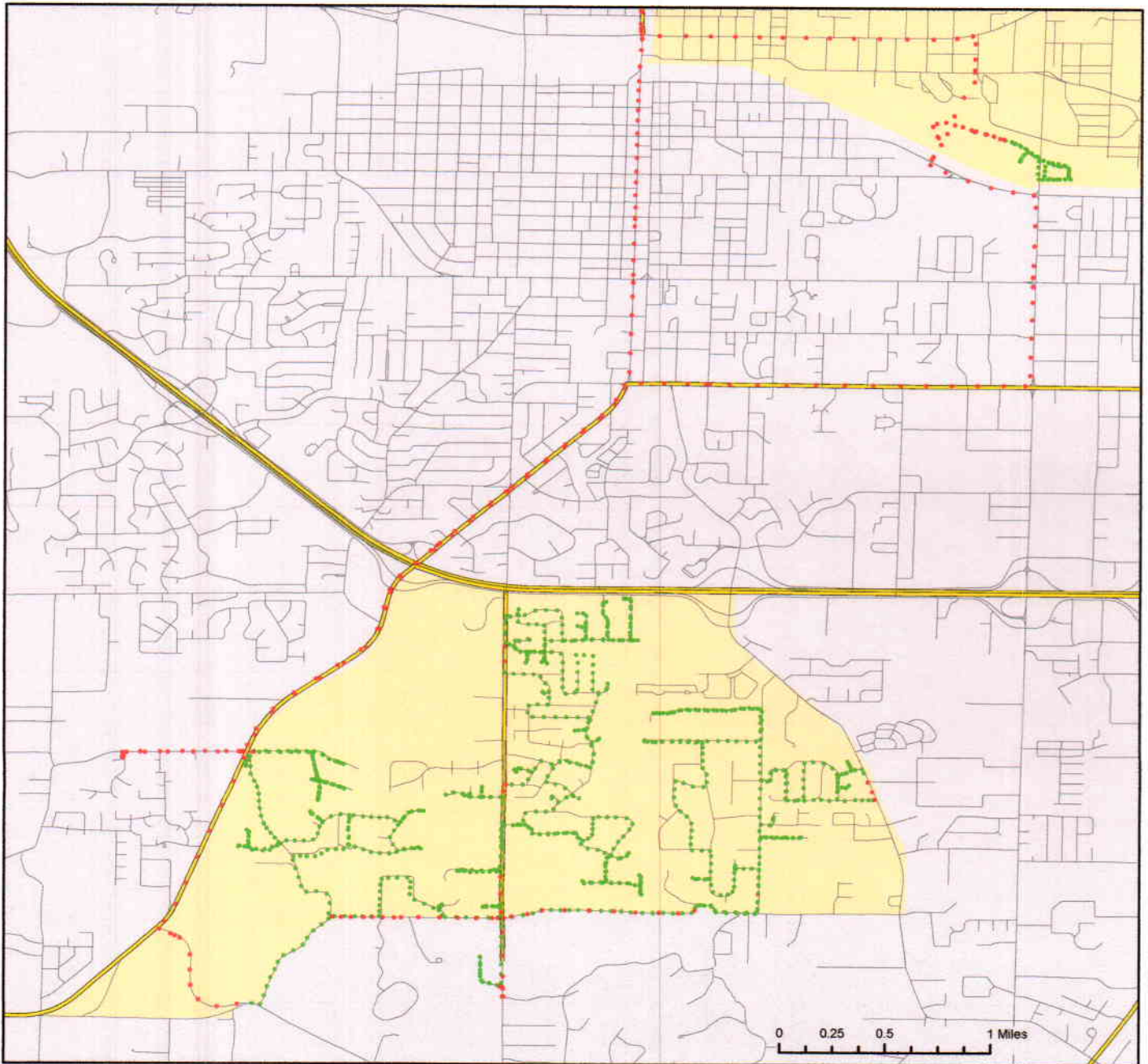
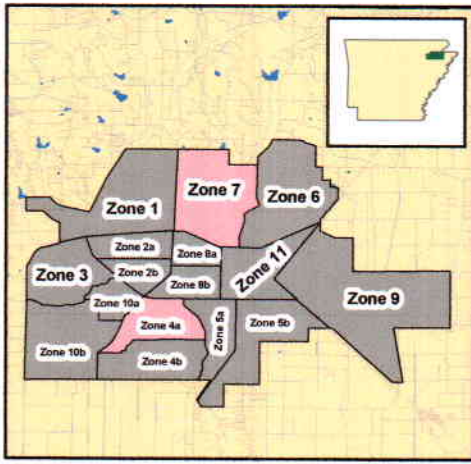
The City of Jonesboro, Arkansas

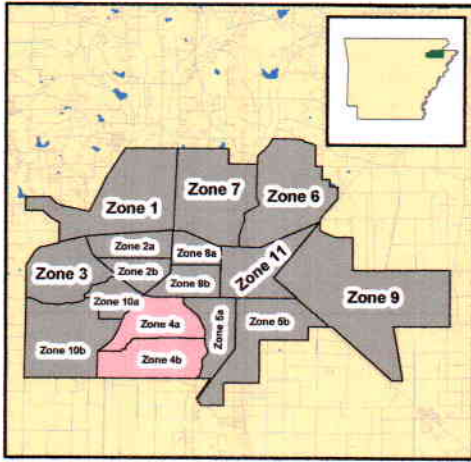
Ground Adulticide Application Date: May 5, 2015

Sprayer Status

- Spray Off
- Spray On

Chemical: Perm X 30-30
Quantity Used: 5.3 gal
Miles Treated: 27.4
Acres Treated: 994.0





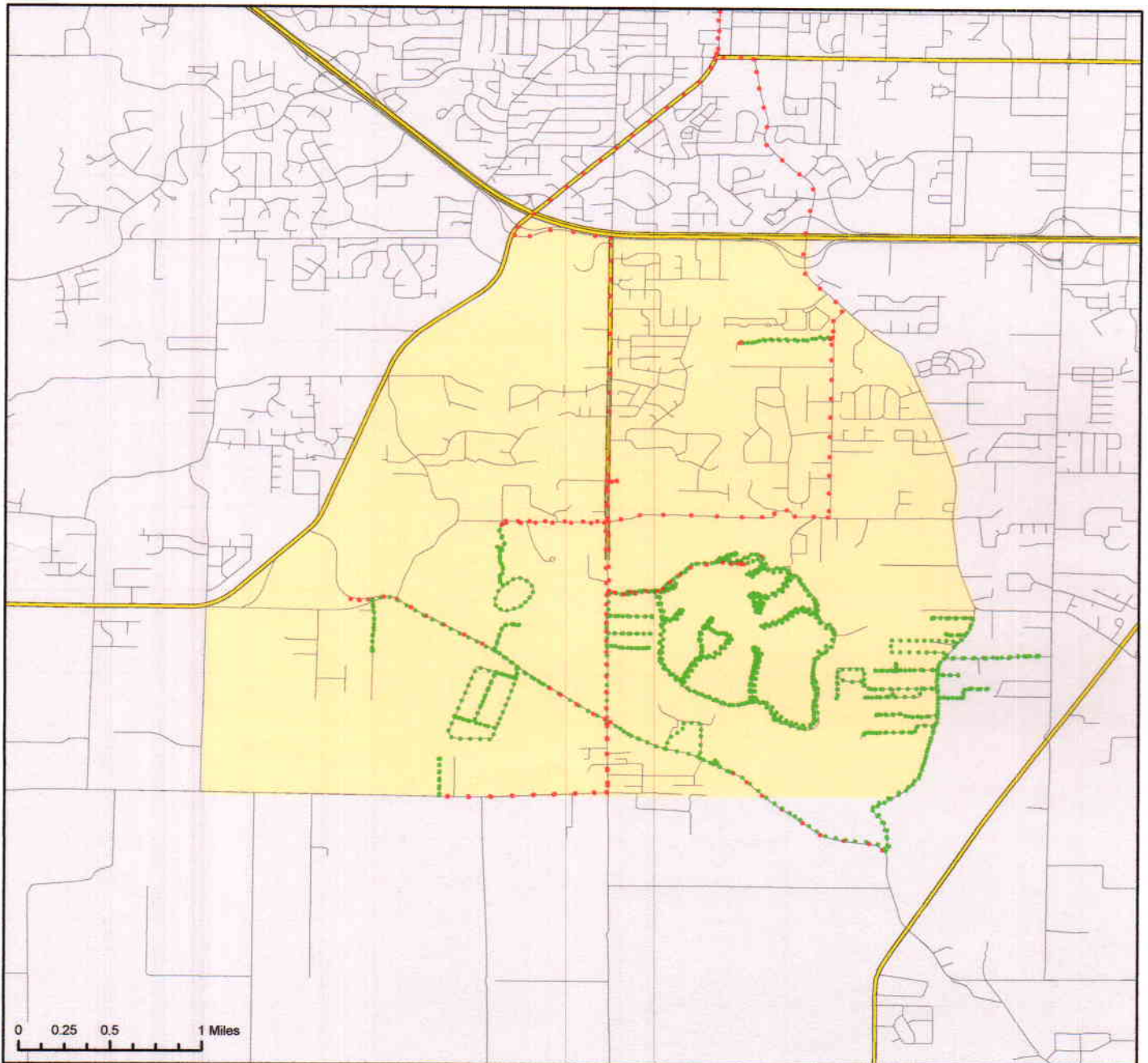
Jonesboro, Arkansas

Ground Adulticide Application Date:
May 15, 2015

Sprayer Status

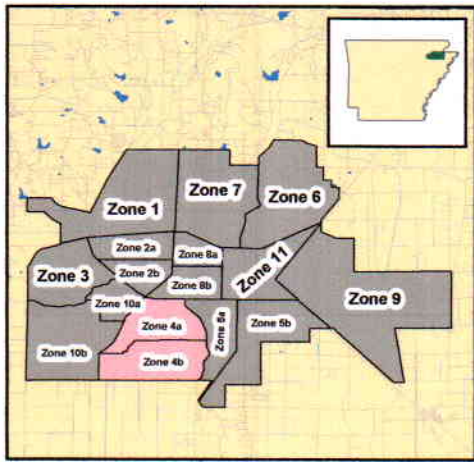
- Spray Off
- Spray On

Chemical: Perm X 30-30
Quantity Used: 7.6 gal
Miles Treated: 37.3
Acres Treated: 1,353.0



Vector Disease Control
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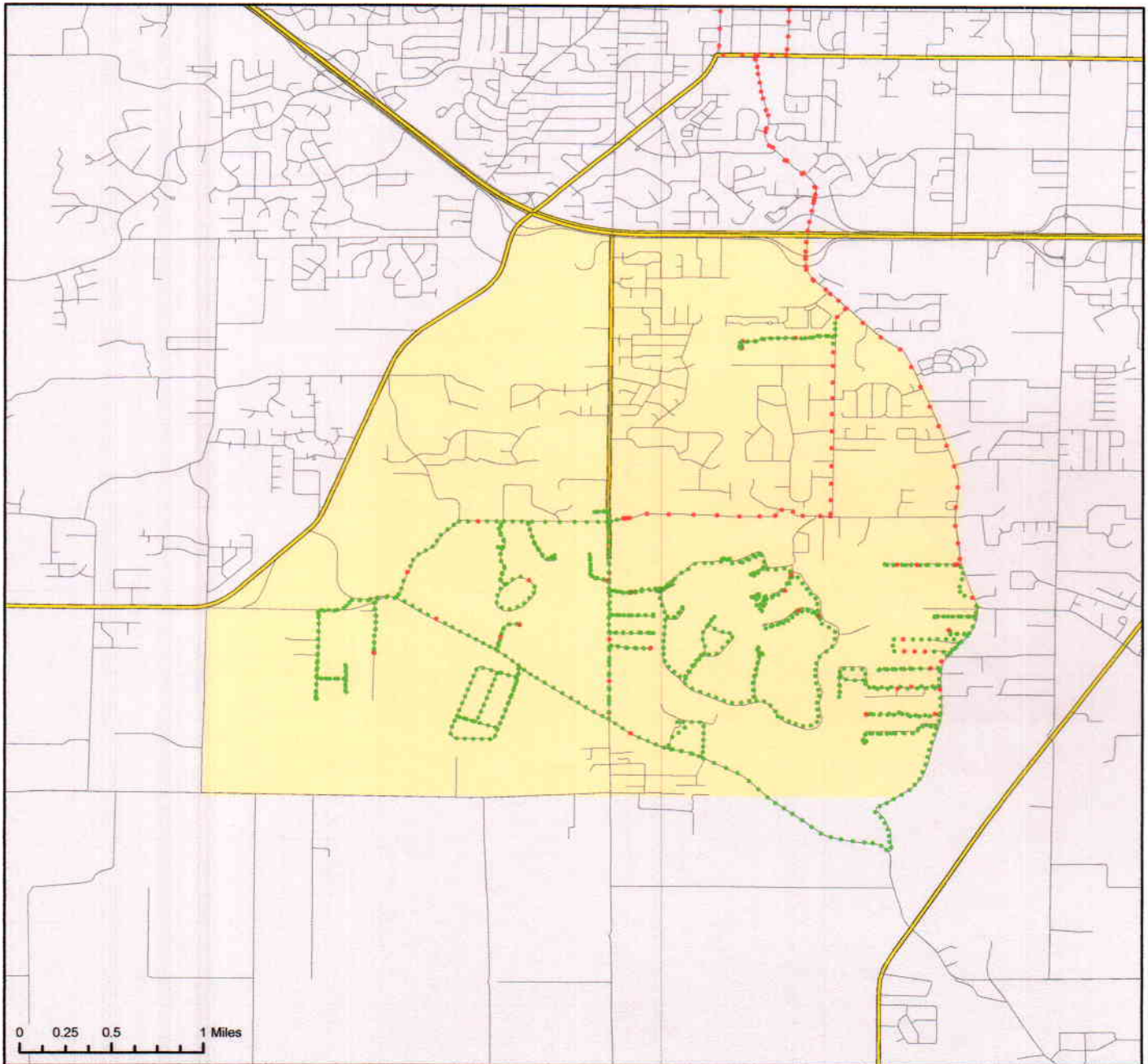
Jonesboro, Arkansas

Ground Adulticide Application Date:
May 22, 2015

Sprayer Status

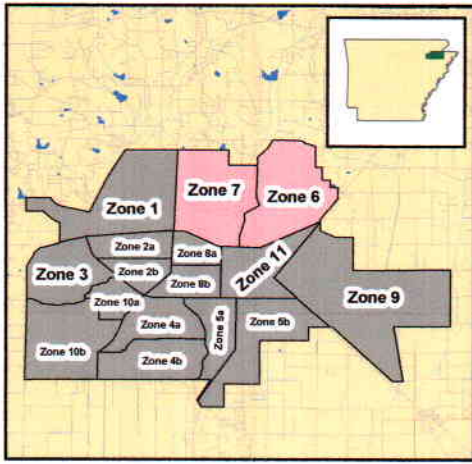
- Spray Off
- Spray On

Chemical: Kontrol 30-30
Quantity Used: 6.4 gal
Miles Treated: 28.7
Acres Treated: 1,041.0



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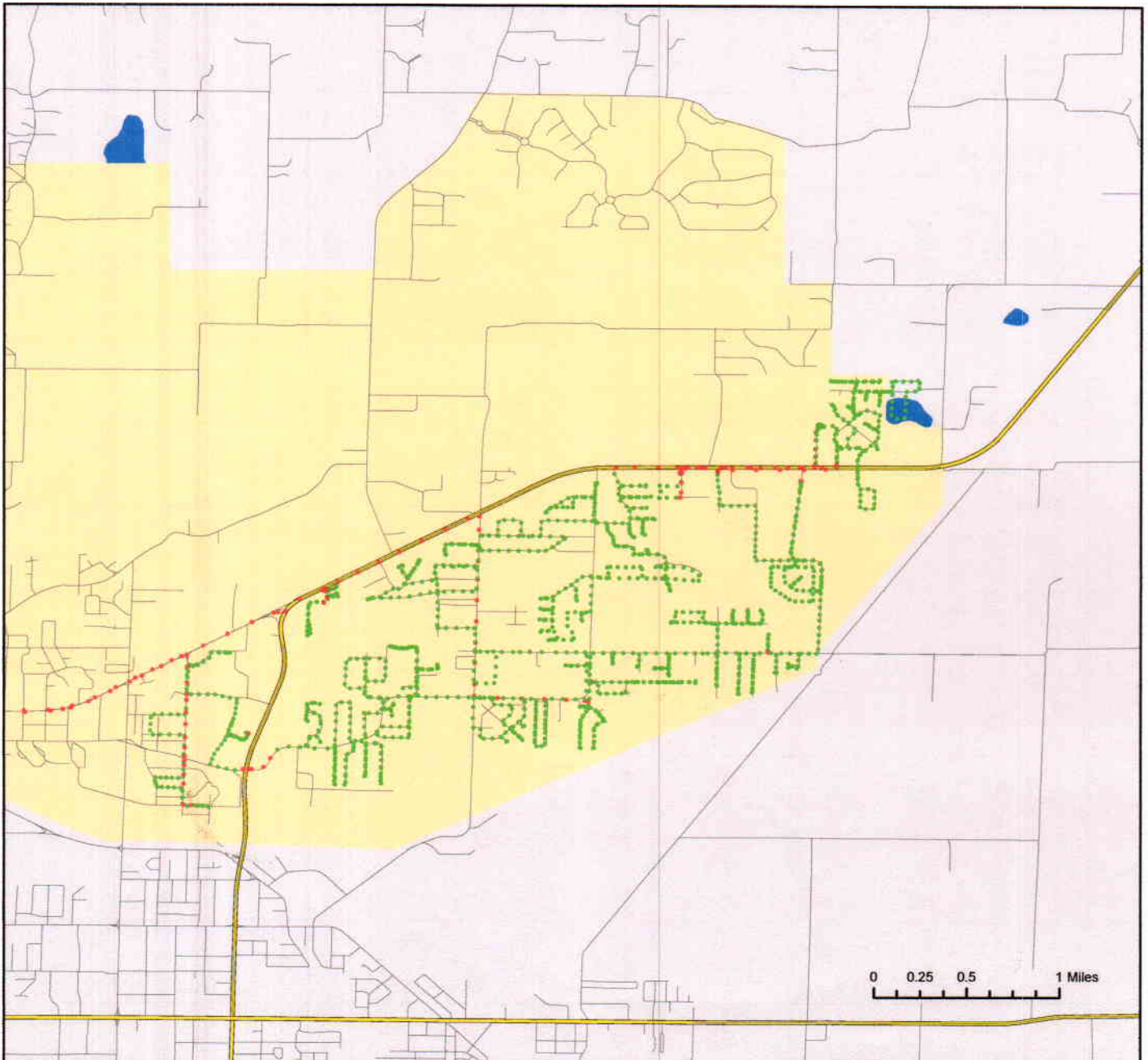
Jonesboro, Arkansas

Ground Adulticide Application Date:
May 26, 2015

Sprayer Status

- Spray Off
- Spray On

Chemical: Kontrol 30-30
Quantity Used: 7.3 gal
Miles Treated: 41.9
Acres Treated: 1,520.0



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