

Vector Disease Control, Inc.

Mosquito Surveillance and Control Report

for the

**City of Jonesboro**

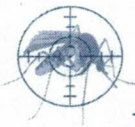
**August 2019**

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 2019**

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 215.3 mosquitoes per trap night (6,674 total mosquitoes) during this time. There have been a total of 3 mosquito species collected, with *Anopheles quadrimaculatus* being the most predominant species.

### **Larval Control Activity**

Permanent water, flood water, artificial containers, and drainage system sites are inspected for larval mosquito breeding on a regular basis. In total, 86 sites inspected with 21 sites having mosquito larvae present. As a result of these inspections 400.5 ounces of the larvicide (Aquabac 200G) was applied to these mosquito breeding sites. Additionally, VDCI is continuing to eliminate breeding habitats for artificial container mosquitoes by targeting bird baths, buckets, tires, etc.

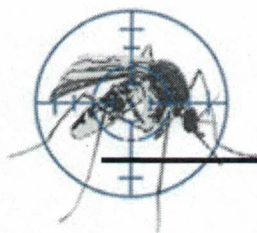


## ADULT MOSQUITO CONTROL ACTIVITY

In response to community events and mosquito surveillance data, VDCI applied adulticide (51) truck routes for this reporting period. All adulticide ULV applications were made with truck-mounted ULV units equipped with GPS-enabled monitors. During this report period, a total of 1,876.70 spray miles (67,279.70 acres) were treated with a total of 464.6 gallons of adulticide in residential and recreational areas. In addition to routine truck spraying, VDCI has responded to 52 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: 8/1/2019

End Date: 8/31/2019

Jonesboro

| Trap Location                | Date Trap Set | Trap Type     | Mosquito Species                 | No. Collected      |
|------------------------------|---------------|---------------|----------------------------------|--------------------|
| Treatment Area 1 Collections |               |               |                                  |                    |
| Trap Site 1                  | 8/12/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 2                  |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 20                 |
|                              |               |               | <i>Psorophora columbiae</i>      | 17                 |
|                              |               |               | <b>Trap Total</b>                | 39 (Avg. 39)       |
| Trap Site 2                  | 8/12/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 6                  |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 180                |
|                              |               |               | <i>Psorophora columbiae</i>      | 41                 |
|                              |               |               | <b>Trap Total</b>                | 227 (Avg. 227)     |
| Trap Site 8                  | 8/6/2019      | NJ Light Trap | <i>Aedes vexans</i>              | 1                  |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 18                 |
|                              |               |               | <i>Psorophora columbiae</i>      | 10                 |
|                              |               |               |                                  |                    |
| Trap Site 8                  | 8/20/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 6                  |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 34                 |
|                              |               |               | <i>Psorophora columbiae</i>      | 16                 |
|                              |               |               |                                  |                    |
| Trap Site 8                  | 8/27/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 3                  |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 40                 |
|                              |               |               | <i>Psorophora columbiae</i>      | 11                 |
|                              |               |               | <b>Trap Total</b>                | 139 (Avg. 46.3)    |
| Trap Site 9                  | 8/6/2019      | NJ Light Trap | <i>Aedes vexans</i>              | 20                 |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 170                |
|                              |               |               | <i>Psorophora columbiae</i>      | 41                 |
|                              |               |               |                                  |                    |
| Trap Site 9                  | 8/20/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 12                 |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 854                |
|                              |               |               | <i>Psorophora columbiae</i>      | 248                |
|                              |               |               |                                  |                    |
| Trap Site 9                  | 8/27/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 5                  |
|                              |               |               | <i>Anopheles quadrimaculatus</i> | 210                |
|                              |               |               | <i>Psorophora columbiae</i>      | 25                 |
|                              |               |               | <b>Trap Total</b>                | 1,585 (Avg. 528.3) |

## Treatment Area 2 Collections

|              |           |               |                     |   |
|--------------|-----------|---------------|---------------------|---|
| Trap Site 10 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i> | 8 |
|--------------|-----------|---------------|---------------------|---|

Vector Disease Control International  
950 N. Broadway, Suite B  
Greenville, MS 38701  
800-413-4445

| Trap Location | Date Trap Set | Trap Type     | Mosquito Species                 | No. Collected  |
|---------------|---------------|---------------|----------------------------------|----------------|
| Trap Site 10  | 8/20/2019     | NJ Light Trap | <i>Anopheles quadrimaculatus</i> | 215            |
|               |               |               | <i>Psorophora columbiae</i>      | 52             |
| Trap Site 10  | 8/27/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 1              |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 72             |
|               |               |               | <i>Psorophora columbiae</i>      | 8              |
| Trap Total    |               |               |                                  | 356 (Avg. 178) |
| Trap Site 3   | 8/12/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 8              |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 170            |
|               |               |               | <i>Psorophora columbiae</i>      | 2              |
| Trap Total    |               |               |                                  | 180 (Avg. 180) |
| Trap Site 9   | 8/6/2019      | NJ Light Trap | <i>Aedes vexans</i>              | 2              |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 40             |
|               |               |               | <i>Psorophora columbiae</i>      | 2              |
| Trap Total    |               |               |                                  | 44 (Avg. 44)   |

#### Treatment Area 3 Collections

|             |           |               |                                  |     |            |
|-------------|-----------|---------------|----------------------------------|-----|------------|
| Trap Site 2 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 10  |            |
|             |           |               | <i>Anopheles quadrimaculatus</i> | 180 |            |
|             |           |               | <i>Psorophora columbiae</i>      | 9   |            |
|             |           |               | <b>Trap Total</b>                | 199 | (Avg. 199) |

#### Treatment Area 4 Collections

|             |           |               |                                  |     |            |
|-------------|-----------|---------------|----------------------------------|-----|------------|
| Trap Site 3 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 17  |            |
|             |           |               | <i>Anopheles quadrimaculatus</i> | 864 |            |
|             |           |               | <i>Psorophora columbiae</i>      | 88  |            |
|             |           |               | <b>Trap Total</b>                | 969 | (Avg. 969) |

#### Treatment Area 5 Collections

|             |           |               |                                  |     |            |
|-------------|-----------|---------------|----------------------------------|-----|------------|
| Trap Site 5 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 12  |            |
|             |           |               | <i>Anopheles quadrimaculatus</i> | 140 |            |
|             |           |               | <i>Psorophora columbiae</i>      | 32  |            |
|             |           |               | <b>Trap Total</b>                | 184 | (Avg. 184) |
| Trap Site 7 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 1   |            |
|             |           |               | <i>Anopheles quadrimaculatus</i> | 49  |            |
|             |           |               | <b>Trap Total</b>                | 50  | (Avg. 50)  |

#### Treatment Area 6 Collections

Vector Disease Control International  
950 N. Broadway, Suite B  
Greenville, MS 38701  
800-413-4445

| Trap Location | Date Trap Set | Trap Type     | Mosquito Species                 | No. Collected    |
|---------------|---------------|---------------|----------------------------------|------------------|
| Trap Site 11  | 8/6/2019      | NJ Light Trap | <i>Aedes vexans</i>              | 18               |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 92               |
|               |               |               | <i>Psorophora columbiae</i>      | 15               |
|               |               |               | <b>Trap Total</b>                | 125 (Avg. 125)   |
| Trap Site 12  | 8/6/2019      | NJ Light Trap | <i>Aedes vexans</i>              | 1                |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 9                |
| Trap Site 12  | 8/20/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 10               |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 100              |
|               |               |               | <i>Psorophora columbiae</i>      | 34               |
| Trap Site 12  | 8/27/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 3                |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 182              |
|               |               |               | <i>Psorophora columbiae</i>      | 40               |
|               |               |               | <b>Trap Total</b>                | 379 (Avg. 126.3) |
| Trap Site 13  | 8/20/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 4                |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 70               |
|               |               |               | <i>Psorophora columbiae</i>      | 1                |
| Trap Site 13  | 8/27/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 2                |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 127              |
|               |               |               | <i>Psorophora columbiae</i>      | 104              |
|               |               |               | <b>Trap Total</b>                | 308 (Avg. 154)   |
| Trap Site 5   | 8/12/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 7                |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 160              |
|               |               |               | <i>Psorophora columbiae</i>      | 80               |
|               |               |               | <b>Trap Total</b>                | 247 (Avg. 247)   |
| Trap Site 6   | 8/12/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 3                |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 40               |
|               |               |               | <i>Psorophora columbiae</i>      | 10               |
|               |               |               | <b>Trap Total</b>                | 53 (Avg. 53)     |

#### Treatment Area 8 Collections

|              |           |               |                                  |              |
|--------------|-----------|---------------|----------------------------------|--------------|
| Trap Site 10 | 8/6/2019  | NJ Light Trap | <i>Aedes vexans</i>              | 3            |
|              |           |               | <i>Anopheles quadrimaculatus</i> | 21           |
|              |           |               | <b>Trap Total</b>                | 24 (Avg. 24) |
| Trap Site 11 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 20           |
|              |           |               | <i>Anopheles quadrimaculatus</i> | 200          |
|              |           |               | <i>Psorophora columbiae</i>      | 90           |
| Trap Site 11 | 8/27/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 1            |

| Trap Location | Date Trap Set | Trap Type     | Mosquito Species                 | No. Collected |              |
|---------------|---------------|---------------|----------------------------------|---------------|--------------|
| Trap Site 11  | 8/27/2019     | NJ Light Trap | <i>Anopheles quadrimaculatus</i> | 100           |              |
|               |               |               | <i>Psorophora columbiae</i>      | 21            |              |
|               |               |               | <b>Trap Total</b>                | 432           | (Avg. 216)   |
| Trap Site 4   | 8/12/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 4             |              |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 155           |              |
|               |               |               | <i>Psorophora ciliata</i>        | 4             |              |
| Trap Site 4   | 8/20/2019     | NJ Light Trap | <i>Aedes vexans</i>              | 8             |              |
|               |               |               | <i>Anopheles quadrimaculatus</i> | 86            |              |
|               |               |               | <b>Trap Total</b>                | 257           | (Avg. 128.5) |

#### Treatment Area 9 Collections

|             |           |               |                                  |     |            |
|-------------|-----------|---------------|----------------------------------|-----|------------|
| Trap Site 6 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 8   |            |
|             |           |               | <i>Anopheles quadrimaculatus</i> | 185 |            |
|             |           |               | <i>Psorophora columbiae</i>      | 30  |            |
|             |           |               | <hr/>                            |     |            |
|             |           |               | <b>Trap Total</b>                | 223 | (Avg. 223) |

#### Treatment Area 10 Collections

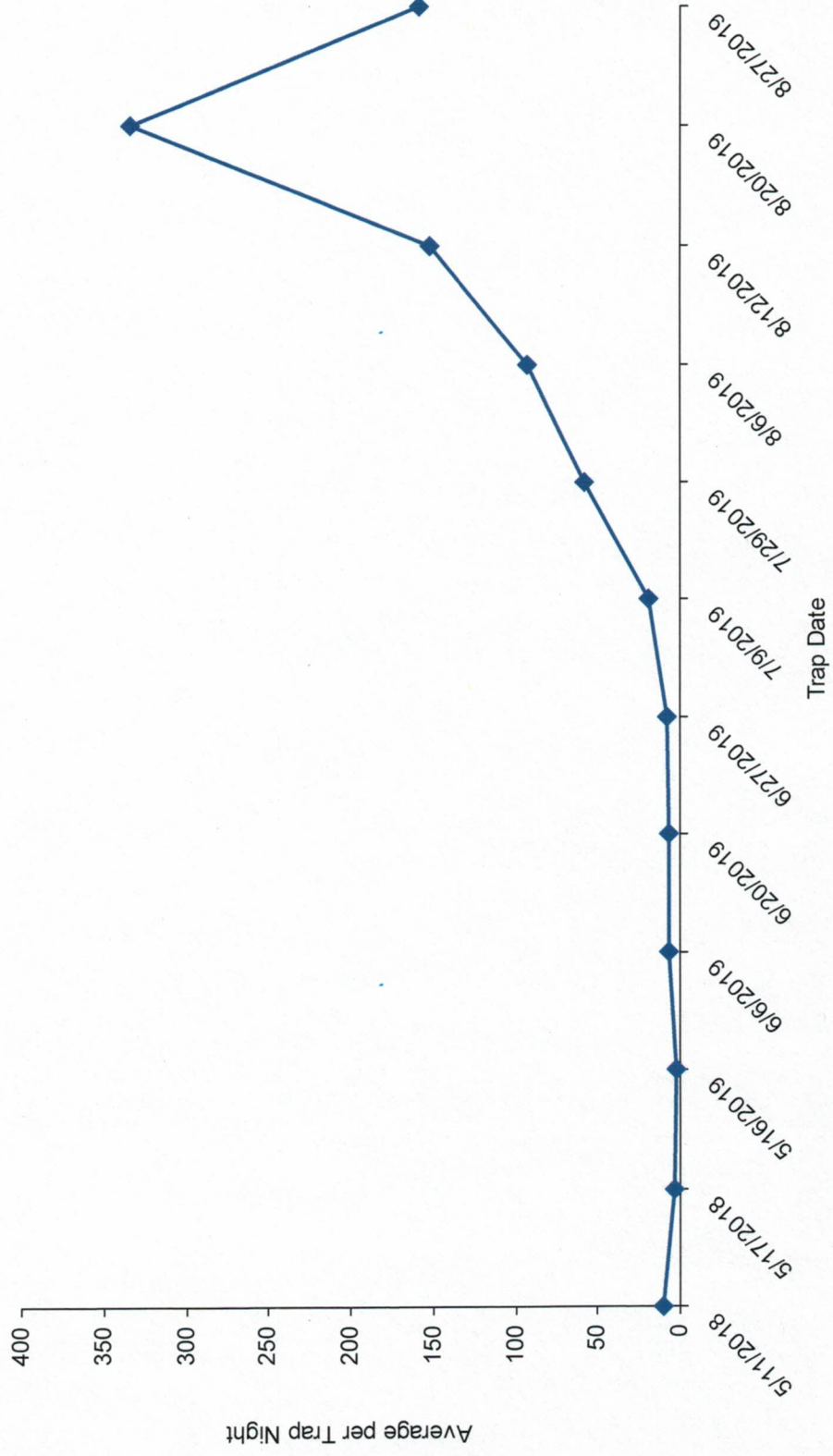
|             |           |               |                                  |     |            |
|-------------|-----------|---------------|----------------------------------|-----|------------|
| Trap Site 1 | 8/20/2019 | NJ Light Trap | <i>Aedes vexans</i>              | 8   |            |
|             |           |               | <i>Anopheles quadrimaculatus</i> | 642 |            |
|             |           |               | <i>Psorophora columbiae</i>      | 4   |            |
|             |           |               | <b>Trap Total</b>                | 654 | (Avg. 654) |

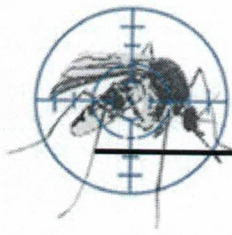
|                             |       |
|-----------------------------|-------|
| <b>Overall Trap Total</b>   | 6,674 |
| <b>Overall Trap Average</b> | 215.3 |



## Adult Mosquito Surveillance Summary

Jonesboro





# Larval Surveillance Data

**Start Date:** 8/1/2019

**End Date:** 8/31/2019

**Jonesboro**

| Date                                    | Location           | Habitat     | No. Dipped | Larvicided | Mosquito Species | No. ID'd |
|-----------------------------------------|--------------------|-------------|------------|------------|------------------|----------|
| <b>Treatment Area 1 Sites Inspected</b> |                    |             |            |            |                  |          |
| 8/14/2019                               | 106 Hickory        | Ditch       | 11-50      | Yes        |                  |          |
|                                         | 1600 Hanley Drive  | Ditch       | 1-10       | Yes        |                  |          |
| 8/19/2019                               | Bloom Meadow       | Drain Ditch | 0          | No         |                  |          |
|                                         | Casey Springs      | Ditch       | 0          | No         |                  |          |
|                                         | Duckswater         | Ditch       | 0          | No         |                  |          |
|                                         | Plantation Estates | Drain Ditch | 0          | No         |                  |          |
|                                         | Strawfloor         | Ditch       | 0          | No         |                  |          |
|                                         | Woodsprings Road   | Ditch       | 0          | No         |                  |          |
| 8/20/2019                               | Oak Park           | Ditch       | 0          | No         |                  |          |
|                                         | Rockport           | Ditch-fish  | 0          | No         |                  |          |
|                                         | Shasta Drive       | Ditch-fish  | 0          | No         |                  |          |

**Total Sites Inspected in Zone 1: 11**

## Treatment Area 2 Sites Inspected

|           |                       |       |       |     |  |  |
|-----------|-----------------------|-------|-------|-----|--|--|
| 8/23/2019 | 100 Chestnut St       | Ditch | 11-50 | Yes |  |  |
|           | 1404 James St         | Ditch | 1-10  | Yes |  |  |
|           | 1507 Frierson St.     | Ditch | 1-10  | Yes |  |  |
|           | 1900 Woodsprings Road | Ditch | 0     | No  |  |  |
|           | 2000 West Nettleton   | Ditch | 0     | No  |  |  |
|           | 2300 s. Culberhouse   | Ditch | 0     | No  |  |  |
|           | 2408 Alexander Dr     | Ditch | 1-10  | Yes |  |  |
|           | 2410 West Matthews    | Ditch | 1-10  | Yes |  |  |
|           | 813 Craighead         | Ditch | 0     | No  |  |  |
|           | 911 Cotton Belt       | Ditch | 1-10  | Yes |  |  |

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

**Vector Disease Control International**  
 950 N. Broadway, Suite B  
 Greenville, MS 38701  
 800-413-4445

| Date                                      | Location                 | Habitat        | No.<br>Dipped | Larvicided | Mosquito<br>Species | No.<br>ID'd |
|-------------------------------------------|--------------------------|----------------|---------------|------------|---------------------|-------------|
| <b>Treatment Area 3 Sites Inspected</b>   |                          |                |               |            |                     |             |
| 8/23/2019                                 | 2308 Ridgepoint Dr       | Ditch          | 0             | No         |                     |             |
|                                           | 3100 Lacoste Dr          | Ditch          | 0             | No         |                     |             |
| <b>Total Sites Inspected in Zone 3: 2</b> |                          |                |               |            |                     |             |
| <b>Treatment Area 4 Sites Inspected</b>   |                          |                |               |            |                     |             |
| 8/6/2019                                  | 4407 Southbrook          | Ditch          | 0             | No         |                     |             |
|                                           | 600 Shadow Ridge         | Ditch          | 0             | No         |                     |             |
|                                           | Craighead Forrest Road   | Ditch          | 0             | No         |                     |             |
|                                           | CRDC                     | Ditch          | 0             | No         |                     |             |
|                                           | Foresthill Road          | Ditch          | 0             | No         |                     |             |
|                                           | Fox Meadow 1901          | Ditch          | 0             | No         |                     |             |
|                                           | S. Caraway 3800          | Ditch          | 0             | No         |                     |             |
| 8/19/2019                                 | 3911 Harrisburg Road     | Ditch          | 0             | No         |                     |             |
| <b>Total Sites Inspected in Zone 4: 8</b> |                          |                |               |            |                     |             |
| <b>Treatment Area 7 Sites Inspected</b>   |                          |                |               |            |                     |             |
| 8/14/2019                                 | 1400 E. Thomas Greene Rd | Ditch          | 0             | No         |                     |             |
|                                           | 1600 Culberhouse St      | Ditch          | 0             | No         |                     |             |
|                                           | 206 North Patrick        | Ditch          | 0             | No         |                     |             |
|                                           | 208 Myette Dr            | Ditch-         | 0             | No         |                     |             |
|                                           | 2600 Dan Avenue          | Ditch-         | 0             | No         |                     |             |
|                                           | 2650 Lacy Drive          | Ditch-         | 0             | No         |                     |             |
|                                           | 2900 Dacus Drive         | Ditch          | 1-10          | Yes        |                     |             |
|                                           | 305 N Floyd St           | Ditch-         | 0             | No         |                     |             |
|                                           | 3120 Harry Dr            | Ditch-         | 0             | No         |                     |             |
|                                           | 519 Philadelphia Road    | Ditch          | 0             | No         |                     |             |
|                                           | 600 Allen Ave            | Ditch-Tadpoles | 0             | No         |                     |             |
|                                           | 900 Blakenship           | Ditch-         | 0             | No         |                     |             |
|                                           | 900 Richsmith Lane       | Ditch          | 1-10          | Yes        |                     |             |

| Date                                | Location                               | Habitat | No.<br>Dipped | Larvicided | Mosquito<br>Species | No.<br>ID'd |
|-------------------------------------|----------------------------------------|---------|---------------|------------|---------------------|-------------|
| 8/14/2019                           | 915 Arrowhead Farm                     | Ditch-  | 0             | No         |                     |             |
| Total Sites Inspected in Zone 7: 14 |                                        |         |               |            |                     |             |
| Treatment Area 9 Sites Inspected    |                                        |         |               |            |                     |             |
| 8/21/2019                           | 1203 Commerce Dr                       | Ditch   | 11-50         | Yes        |                     |             |
|                                     | 1619 Easley Road                       | Ditch   | 1-10          | Yes        |                     |             |
|                                     | 2200 Barnhill Road                     | Ditch   | 0             | No         |                     |             |
|                                     | 2318 Moore Road                        | Ditch   | 0             | No         |                     |             |
|                                     | 2400 Great Dave Dr.                    | Ditch   | 0             | No         |                     |             |
|                                     | 2800 Heath Road                        | Ditch   | 0             | No         |                     |             |
|                                     | 2800 Quality Way                       | Ditch   | 0             | No         |                     |             |
|                                     | 3100 Trinity                           | Ditch   | 0             | No         |                     |             |
|                                     | 4700 Samantha Ave                      | Ditch   | 1-10          | Yes        |                     |             |
|                                     | 5601 Pacific Road                      | Ditch   | 1-10          | Yes        |                     |             |
|                                     | 6105 CW Post Road                      | Ditch   | 0             | No         |                     |             |
|                                     | 6301 Highland Dr                       | Ditch   | 0             | No         |                     |             |
|                                     | 7200 Ely Walker Road                   | Ditch   | 0             | No         |                     |             |
|                                     | 7705 Cottage Home Road                 | Ditch   | 0             | No         |                     |             |
|                                     | Stanley Rd/Nestle Road<br>Intersection | Ditch   | 0             | No         |                     |             |
| 8/23/2019                           | 2900 Duckswater                        | Ditch   | 0             | No         |                     |             |
| 8/30/2019                           | 1200 Easley Drive                      | Ditch   | 0             | No         |                     |             |
|                                     | 1900 Kathleen Street                   | Ditch   | 0             | No         |                     |             |
|                                     | 2200 Barnhill Road                     | Ditch   | 1-10          | Yes        |                     |             |
|                                     | 2400 Great Dane Dr                     | Ditch   | 1-10          | Yes        |                     |             |
|                                     | 2600 Heath Road                        | Ditch   | 11-50         | Yes        |                     |             |
|                                     | 2800 Quality Way                       | Ditch   | 1-10          | Yes        |                     |             |
|                                     | 3100 Trinity Dr                        | Ditch   | 0             | No         |                     |             |
|                                     | 3325 Moore Road                        | Ditch   | 0             | No         |                     |             |
|                                     | 5517 Pacific Road                      | Ditch   | 0             | No         |                     |             |

| Date      | Location                      | Habitat | No.<br>Dipped | Larvicided | Mosquito<br>Species | No.<br>ID'd |
|-----------|-------------------------------|---------|---------------|------------|---------------------|-------------|
| 8/30/2019 | 6009 C.W. Post Road           | Ditch   | 0             | No         |                     |             |
|           | 6500 Nestle Road              | Ditch   | 0             | No         |                     |             |
|           | 7705 Cottage Home Road        | Ditch   | 11-50         | Yes        |                     |             |
|           | 8000 Highland Dr              | Ditch   | 0             | No         |                     |             |
|           | 8001 C.W. Post Road           | Ditch   | 1-10          | Yes        |                     |             |
|           | 803 Commerce Drive            | Ditch   | 0             | No         |                     |             |
|           | Nestle Rd-Stanley Rd<br>Inter | Ditch   | 0             | No         |                     |             |

**Total Sites Inspected in Zone 9: 32**

#### Treatment Area 11 Sites Inspected

|           |                             |             |      |     |  |  |
|-----------|-----------------------------|-------------|------|-----|--|--|
| 8/14/2019 | 1602 Matthews               | Ditch       | 0    | No  |  |  |
|           | Access Rd/Comfort<br>Suites | Ditch       | 0    | No  |  |  |
|           | Airport                     | Ditch       | 0    | No  |  |  |
|           | Behind Kohls -Fairpark      | Ditch       | 0    | No  |  |  |
|           | Bittle/Creek Dr             | Ditch       | 0    | No  |  |  |
|           | Fairfield/Fairview          | Ditch       | 0    | No  |  |  |
|           | Matthews/Oakdale            | Ditch       | 1-10 | Yes |  |  |
|           | Parkwood/Sutton             | Ditch       | 0    | No  |  |  |
|           | Stallings                   | Large Creek | 0    | No  |  |  |

**Total Sites Inspected in Zone 11: 9**



# Larvicide Applications

**Start Date:** 8/1/2019

**End Date:** 8/31/2019

## Jonesboro

| Date                                      | Location           | Habitat | No. of Larvae | Larvicide              | Amount Applied (oz.) | Area Treated (sq ft) |
|-------------------------------------------|--------------------|---------|---------------|------------------------|----------------------|----------------------|
| <b>Treatment Area 1 Applications</b>      |                    |         |               |                        |                      |                      |
| 8/14/2019                                 | 106 Hickory        | Ditch   | 11-50         | Aquabac 200G (62637-3) | 32.0                 | 60.0                 |
|                                           | 1600 Hanley Drive  | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
| <b>Total Ounces Applied:</b>              |                    |         |               |                        | 48.0                 | 90.0                 |
|                                           |                    |         |               |                        |                      | 0.0 acres            |
| <b>Total Larvicide Applied in Zone 1:</b> |                    |         |               |                        | 48.0                 | 90.0                 |
|                                           |                    |         |               |                        |                      | 0.0 acres            |
| <b>Treatment Area 2 Applications</b>      |                    |         |               |                        |                      |                      |
| 8/23/2019                                 | 100 Chestnut St    | Ditch   | 11-50         | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                           | 1404 James St      | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                           | 1507 Frierson St.  | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                           | 2408 Alexander Dr  | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                           | 2410 West Matthews | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                           | 911 Cotton Belt    | Ditch   | 1-10          | Aquabac 200G (62637-3) | 32.0                 | 60.0                 |
| <b>Total Ounces Applied:</b>              |                    |         |               |                        | 112.0                | 210.0                |
|                                           |                    |         |               |                        |                      | 0.0 acres            |
| <b>Total Larvicide Applied in Zone 2:</b> |                    |         |               |                        | 112.0                | 210.0                |
|                                           |                    |         |               |                        |                      | 0.0 acres            |
| <b>Treatment Area 7 Applications</b>      |                    |         |               |                        |                      |                      |
| 8/14/2019                                 | 2900 Dacus Drive   | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                           | 900 Richsmith Lane | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
| <b>Total Ounces Applied:</b>              |                    |         |               |                        | 32.0                 | 60.0                 |
|                                           |                    |         |               |                        |                      | 0.0 acres            |
| <b>Total Larvicide Applied in Zone 7:</b> |                    |         |               |                        | 32.0                 | 60.0                 |
|                                           |                    |         |               |                        |                      | 0.0 acres            |

Vector Disease Control International  
950 N. Broadway, Suite B  
Greenville, MS 38701  
800-413-4445

| Date                                       | Location               | Habitat | No. of Larvae | Larvicide              | Amount Applied (oz.) | Area Treated (sq ft) |
|--------------------------------------------|------------------------|---------|---------------|------------------------|----------------------|----------------------|
| <b>Treatment Area 9 Applications</b>       |                        |         |               |                        |                      |                      |
| 8/21/2019                                  | 1203 Commerce Dr       | Ditch   | 11-50         | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                            | 1619 Easley Road       | Ditch   | 1-10          | Aquabac 200G (62637-3) | 32.0                 | 60.0                 |
|                                            | 4700 Samantha Ave      | Ditch   | 1-10          | Aquabac 200G (62637-3) | 32.0                 | 60.0                 |
|                                            | 5601 Pacific Road      | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
| 8/30/2019                                  | 2200 Barnhill Road     | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                            | 2400 Great Dane Dr     | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                            | 2600 Heath Road        | Ditch   | 11-50         | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                            | 2800 Quality Way       | Ditch   | 1-10          | Aquabac 200G (62637-3) | 32.0                 | 60.0                 |
|                                            | 7705 Cottage Home Road | Ditch   | 11-50         | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
|                                            | 8001 C.W. Post Road    | Ditch   | 1-10          | Aquabac 200G (62637-3) | 16.0                 | 30.0                 |
| <b>Total Ounces Applied:</b>               |                        |         |               |                        | 208.0                | 390.0                |
|                                            |                        |         |               |                        |                      | 0.0 acres            |
| <b>Total Larvicide Applied in Zone 9:</b>  |                        |         |               |                        | 208.0                | 390.0                |
|                                            |                        |         |               |                        |                      | 0.0 acres            |
| <b>Treatment Area 11 Applications</b>      |                        |         |               |                        |                      |                      |
| 8/14/2019                                  | Matthews/Oakdale       | Ditch   | 1-10          | Aquabac 200G (62637-3) | 0.5                  | 0.0                  |
| <b>Total Ounces Applied:</b>               |                        |         |               |                        | 0.5                  | 0.0                  |
|                                            |                        |         |               |                        |                      | 0.0 acres            |
| <b>Total Larvicide Applied in Zone 11:</b> |                        |         |               |                        | 0.5                  | 0.0                  |
|                                            |                        |         |               |                        |                      | 0.0 acres            |
| <b>Overall Total Ounces Applied</b>        |                        |         |               |                        | 400.5                | 750.0                |
|                                            |                        |         |               |                        |                      | 0.0 acres            |



## Ground Adulticide Applications

**Start Date:** 8/1/2019      **End Date:** 8/31/2019

**Jonesboro**

| Month                                | Date      | Municipality | Chemical                     | Mix Ratio | Trip Miles                            | Spray Miles  | Spray Acres | Gallons Sprayed |
|--------------------------------------|-----------|--------------|------------------------------|-----------|---------------------------------------|--------------|-------------|-----------------|
| <b>Treatment Area 1 Applications</b> |           |              |                              |           |                                       |              |             |                 |
| August 2019                          | 8/7/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 59.0                                  | 40.6         | 1610.0      | 18.5            |
|                                      | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 39.0                                  | 32.0         | 1163.6      | 4.0             |
|                                      | 8/29/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 52.0                                  | 16.2         | 588.0       | 4.0             |
|                                      |           |              |                              |           | <i>Total Perm-X UL 31-66 Applied:</i> |              |             |                 |
|                                      |           |              |                              |           | <b>Zone 1 Totals:</b>                 | <b>150.0</b> | <b>88.8</b> | <b>26.5</b>     |
| <b>Treatment Area 2 Applications</b> |           |              |                              |           |                                       |              |             |                 |
| August 2019                          | 8/8/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 53.0                                  | 39.0         | 1418.2      | 10.0            |
|                                      | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 30.0                                  | 21.0         | 763.6       | 4.0             |
|                                      | 8/19/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 48.0                                  | 34.0         | 1236.4      | 9.8             |
|                                      | 8/23/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 47.0                                  | 38.6         | 1403.6      | 10.8            |
|                                      | 8/29/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 50.0                                  | 45.3         | 1645.5      | 9.0             |

**Vector Disease Control International**  
**950 N. Broadway, Suite B**  
**Greenville, MS 38701**  
**800-413-4445**

| Month                                          | Date      | Municipality | Chemical                     | Mix Ratio | Trip Miles | Spray Miles | Spray Acres | Gallons Sprayed |
|------------------------------------------------|-----------|--------------|------------------------------|-----------|------------|-------------|-------------|-----------------|
| <b>Treatment Area 3 Applications</b>           |           |              |                              |           |            |             |             |                 |
| <i>Total Perm-X UL 31-66 Applied: 43.7</i>     |           |              |                              |           |            |             |             |                 |
| <b>Zone 2 Totals: 228.0 177.9 6,467.3 43.7</b> |           |              |                              |           |            |             |             |                 |
| August 2019                                    | 8/1/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 45.0       | 45.2        | 1643.3      | 12.7            |
|                                                | 8/7/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 66.0       | 41.0        | 1411.3      | 8.8             |
|                                                | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 46.0       | 45.6        | 1661.2      | 2.2             |
|                                                | 8/27/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 46.0       | 31.3        | 1136.4      | 8.7             |
| <b>Treatment Area 4 Applications</b>           |           |              |                              |           |            |             |             |                 |
| <i>Total Perm-X UL 31-66 Applied: 32.3</i>     |           |              |                              |           |            |             |             |                 |
| <b>Zone 3 Totals: 203.0 163.1 5,852.2 32.3</b> |           |              |                              |           |            |             |             |                 |
| August 2019                                    | 8/2/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 58.0       | 35.7        | 1299.3      | 10.1            |
|                                                | 8/7/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 52.0       | 36.8        | 1338.2      | 10.3            |
|                                                | 8/9/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 51.0       | 48.8        | 1775.8      | 2.3             |
|                                                | 8/23/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 47.0       | 45.8        | 1666.4      | 12.8            |
|                                                | 8/27/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 47.0       | 47.0        | 1708.6      | 13.0            |

| Month                                           | Date      | Municipality | Chemical                       | Mix Ratio | Trip Miles | Spray Miles | Spray Acres | Gallons Sprayed |
|-------------------------------------------------|-----------|--------------|--------------------------------|-----------|------------|-------------|-------------|-----------------|
| August 2019                                     | 8/29/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 51.0       | 37.7        | 1372.0      | 12.0            |
|                                                 | 8/30/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 63.0       | 42.5        | 1545.1      | 3.0             |
| <i>Total Perm-X UL 31-66 Applied: 63.4</i>      |           |              |                                |           |            |             |             |                 |
| <b>Zone 4 Totals: 369.0 294.4 10,705.3 63.4</b> |           |              |                                |           |            |             |             |                 |
| <b>Treatment Area 5 Applications</b>            |           |              |                                |           |            |             |             |                 |
| August 2019                                     | 8/2/2019  |              | Permanone 30-30<br>(432-1235 ) | 1:3       | 47.0       | 1.0         | 36.4        | 6.0             |
| <i>Total Permanone 30-30 Applied: 6.0</i>       |           |              |                                |           |            |             |             |                 |
| August 2019                                     | 8/1/2019  |              | Perm-X UL 31-66<br>(655-812)   | 1:3       | 68.0       | 58.0        | 2109.1      | 6.0             |
|                                                 | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 47.0       | 55.0        | 2000.0      | 14.2            |
|                                                 | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 46.0       | 31.7        | 1152.7      | 9.7             |
|                                                 | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 36.0       | 20.6        | 750.5       | 4.0             |
|                                                 | 8/16/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 47.0       | 34.0        | 320.7       | 9.7             |
|                                                 | 8/23/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 53.0       | 17.2        | 623.9       | 9.5             |
|                                                 | 8/27/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 63.0       | 62.0        | 2254.5      | 11.2            |
| <i>Total Perm-X UL 31-66 Applied: 64.4</i>      |           |              |                                |           |            |             |             |                 |
| <b>Zone 5 Totals: 407.0 279.5 9,247.8 70.4</b>  |           |              |                                |           |            |             |             |                 |

Vector Disease Control International  
950 N. Broadway, Suite B  
Greenville, MS 38701  
800-413-4445

| Month                         | Date      | Municipality | Chemical                       | Mix Ratio | Trip Miles                            | Spray Miles  | Spray Acres  | Gallons Sprayed |
|-------------------------------|-----------|--------------|--------------------------------|-----------|---------------------------------------|--------------|--------------|-----------------|
| Treatment Area 6 Applications |           |              |                                |           |                                       |              |              |                 |
| August 2019                   | 8/9/2019  |              | Perm-X UL 31-66<br>(655-812)   | 1:3       | 57.0                                  | 43.3         | 1575.6       | 12.2            |
|                               | 8/16/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 35.0                                  | 30.5         | 1109.7       | 9.5             |
|                               | 8/19/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 63.0                                  | 42.5         | 1545.1       | 11.7            |
|                               | 8/22/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 50.0                                  | 51.0         | 1854.5       | 20.9            |
|                               | 8/29/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 52.0                                  | 51.2         | 1858.0       | 14.2            |
|                               |           |              |                                |           | <i>Total Perm-X UL 31-66 Applied:</i> |              |              |                 |
|                               |           |              |                                |           | <b>Zone 6 Totals:</b>                 | <b>257.0</b> | <b>218.5</b> | <b>7,943.0</b>  |
| Treatment Area 7 Applications |           |              |                                |           |                                       |              |              |                 |
| August 2019                   | 8/5/2019  |              | Permanone 30-30<br>(432-1235 ) | 1:3       | 33.0                                  | 28.8         | 1047.9       | 8.1             |
|                               |           |              |                                |           | <i>Total Permanone 30-30 Applied:</i> |              |              |                 |
|                               |           |              |                                |           | <b>Zone 7 Totals:</b>                 | <b>33.0</b>  | <b>28.8</b>  | <b>1,047.9</b>  |
| Treatment Area 8 Applications |           |              |                                |           |                                       |              |              |                 |
| August 2019                   | 8/2/2019  |              | Permanone 30-30<br>(432-1235 ) | 1:3       | 47.0                                  | 31.9         | 1158.0       | 9.5             |
|                               | 8/1/2019  |              | Perm-X UL 31-66<br>(655-812)   | 1:3       | 49.0                                  | 32.0         | 1163.6       | 5.0             |
|                               |           |              |                                |           | <i>Total Permanone 30-30 Applied:</i> |              |              |                 |
|                               |           |              |                                |           |                                       |              |              |                 |

| Month       | Date      | Municipality | Chemical                     | Mix Ratio | Trip Miles | Spray Miles | Spray Acres | Gallons Sprayed |
|-------------|-----------|--------------|------------------------------|-----------|------------|-------------|-------------|-----------------|
| August 2019 | 8/8/2019  |              | Perm-X UL 31-66<br>(655-812) | 1:3       | 36.0       | 31.0        | 1127.5      | 8.7             |
|             | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 46.0       | 28.0        | 1018.2      | 10.0            |
|             | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 51.0       | 48.1        | 1748.9      | 13.5            |
|             | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 60.0       | 44.2        | 1608.0      | 5.0             |
|             | 8/16/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 46.0       | 52.0        | 1890.9      | 10.0            |
|             | 8/23/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 45.0       | 34.4        | 1250.2      | 11.3            |
|             | 8/30/2019 |              | Perm-X UL 31-66<br>(655-812) | 1:4       | 55.0       | 39.2        | 1426.5      | 11.4            |

*Total Perm-X UL 31-66 Applied: 74.8*

**Zone 8 Totals: 435.0 340.8 12,391.8 84.3**

#### Treatment Area 9 Applications

|             |           |  |                              |     |      |      |        |      |
|-------------|-----------|--|------------------------------|-----|------|------|--------|------|
| August 2019 | 8/15/2019 |  | Perm-X UL 31-66<br>(655-812) | 1:4 | 55.0 | 39.6 | 1438.9 | 11.4 |
|-------------|-----------|--|------------------------------|-----|------|------|--------|------|

*Total Perm-X UL 31-66 Applied: 11.4*

**Zone 9 Totals: 55.0 39.6 1,438.9 11.4**

#### Treatment Area 10 Applications

|             |          |  |                                |     |      |      |        |     |
|-------------|----------|--|--------------------------------|-----|------|------|--------|-----|
| August 2019 | 8/5/2019 |  | Permanone 30-30<br>(432-1235 ) | 1:3 | 39.0 | 31.2 | 1135.7 | 8.8 |
|-------------|----------|--|--------------------------------|-----|------|------|--------|-----|

*Total Permanone 30-30 Applied: 8.8*

**Vector Disease Control International**  
**950 N. Broadway, Suite B**  
**Greenville, MS 38701**  
**800-413-4445**

| Month                                 | Date      | Municipality | Chemical                       | Mix Ratio | Trip Miles                            | Spray Miles    | Spray Acres    | Gallons Sprayed |
|---------------------------------------|-----------|--------------|--------------------------------|-----------|---------------------------------------|----------------|----------------|-----------------|
| August 2019                           | 8/9/2019  |              | Perm-X UL 31-66<br>(655-812)   | 1:3       | 37.0                                  | 27.0           | 981.8          | 4.0             |
|                                       | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 28.0                                  | 21.5           | 780.3          | 6.0             |
|                                       | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 105.0                                 | 52.0           | 1890.9         | 6.0             |
|                                       | 8/30/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 60.0                                  | 44.9           | 1631.6         | 14.1            |
| <b>Treatment Area 11 Applications</b> |           |              |                                |           |                                       |                |                |                 |
|                                       |           |              |                                |           | <i>Total Perm-X UL 31-66 Applied:</i> |                |                |                 |
|                                       |           |              |                                |           | <b>Zone 10 Totals:</b>                | <b>269.0</b>   | <b>176.6</b>   | <b>6,420.4</b>  |
|                                       |           |              |                                |           |                                       |                |                |                 |
| August 2019                           | 8/2/2019  |              | Permanone 30-30<br>(432-1235 ) | 1:3       | 4.0                                   | 2.3            | 83.9           | 0.7             |
|                                       |           |              |                                |           | <i>Total Permanone 30-30 Applied:</i> |                |                |                 |
| August 2019                           | 8/8/2019  |              | Perm-X UL 31-66<br>(655-812)   | 1:3       | 40.0                                  | 27.5           | 1000.9         | 7.7             |
|                                       | 8/15/2019 |              | Perm-X UL 31-66<br>(655-812)   | 1:4       | 48.0                                  | 39.0           | 1318.7         | 8.8             |
|                                       |           |              |                                |           | <i>Total Perm-X UL 31-66 Applied:</i> |                |                |                 |
|                                       |           |              |                                |           | <b>Zone 11 Totals:</b>                | <b>92.0</b>    | <b>68.8</b>    | <b>2,403.5</b>  |
|                                       |           |              |                                |           | <b>Grand Totals:</b>                  | <b>2,498.0</b> | <b>1,876.7</b> | <b>464.6</b>    |



# Summary of Service Requests

Start Date: 8/1/2019 End Date: 8/31/2019

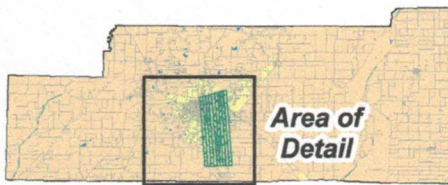
Jonesboro

| 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 2019 |              | 0              | 5           | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 120.0 oz                           |
| August 2019 |              | 2              | 3           | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 276.0 oz                           |
| August 2019 |              | 3              | 5           | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 216.0 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 2019 |              | 4              | 5           | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 492.0 oz                           |
| August 2019 |              | 5              | 11          | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 915.0 oz                           |
| August 2019 |              | 6              | 10          | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 804.0 oz                           |
| August 2019 |              | 8              | 7           | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 426.0 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 2019            |              | 10             | 5           | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 462.0 oz                           |
| August 2019            |              | 11             | 1           | 0               | No Action Required: 0<br>Emptied Containers: 0<br>Biological Control: 0<br>Larvicided: 0<br>Adulticided: 0<br>Needed to Return: 0 | Eggs: 0<br>Larvae: 0<br>Pupae: 0<br>Adults: 0 | 0.00 oz                           | 18.0 oz                            |
| <b>Overall Totals:</b> |              |                |             |                 |                                                                                                                                   |                                               |                                   |                                    |
|                        |              |                | 52          | 0               | NA: 0<br>EC: 0<br>BC: 0                                                                                                           | LV: 0<br>AT: 0<br>NR: 0                       | 0.00 oz                           | 3729.0 oz                          |

## Craighead County



# Jonesboro, Arkansas

Aerial Adulticide Application Date:  
July 31, 2019



**Flight Line**

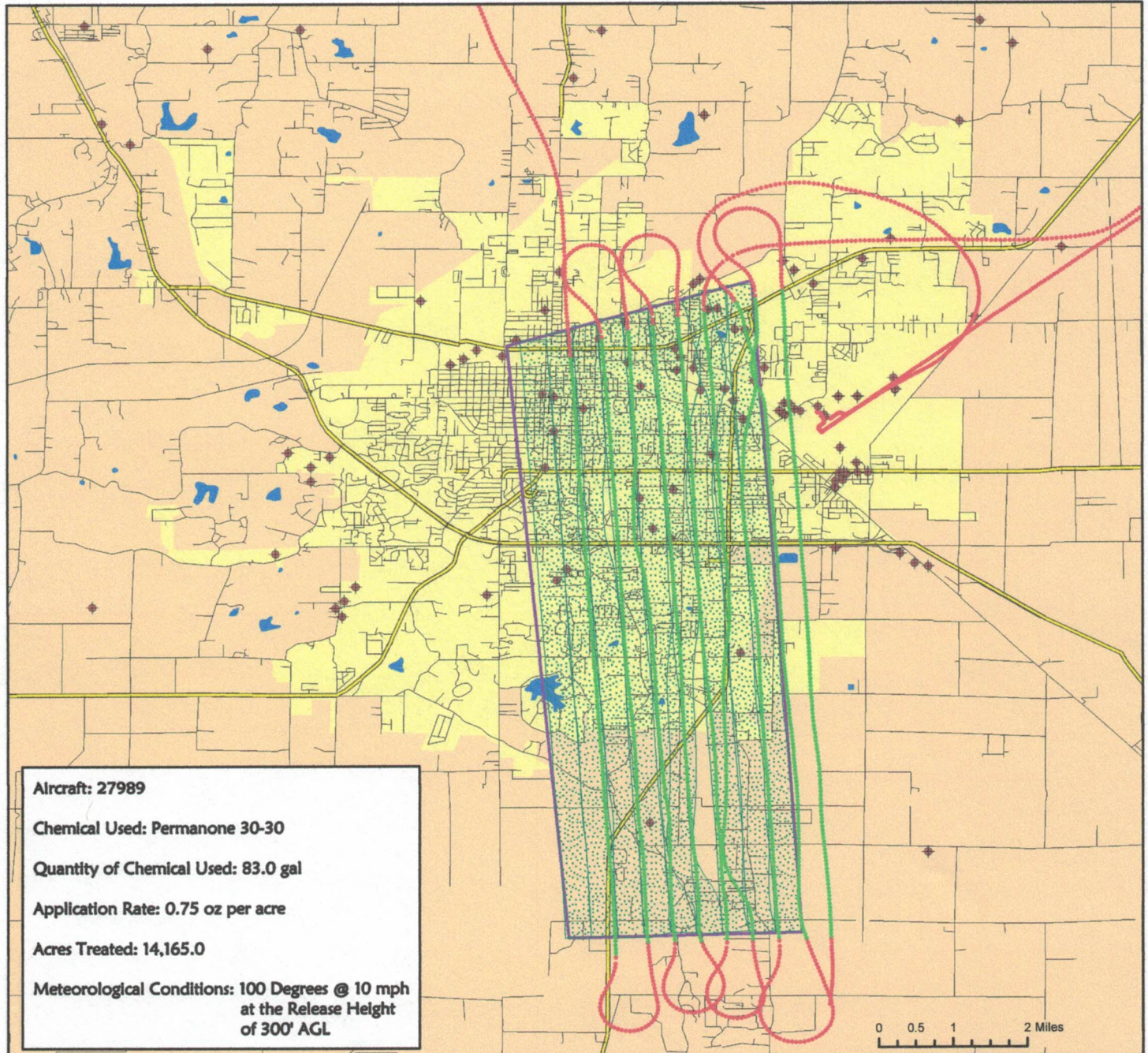
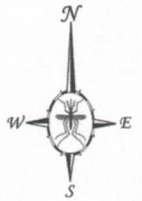
Spray Off

Spray On

Towers

Spray Deposition

Treatment Areas



**Aircraft: 27989**

**Chemical Used: Permanone 30-30**

**Quantity of Chemical Used: 83.0 gal**

**Application Rate: 0.75 oz per acre**

**Acres Treated: 14,165.0**

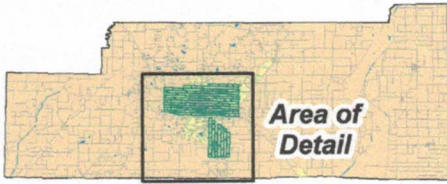
**Meteorological Conditions: 100 Degrees @ 10 mph  
at the Release Height  
of 300' AGL**



Vector Disease Control  
1320 Brookwood 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. © 2019 VDCI. All rights reserved.

## Craighead County



# Jonesboro, Arkansas

Aerial Adulticide Application Date:  
August 6, 2019



### Flight Line

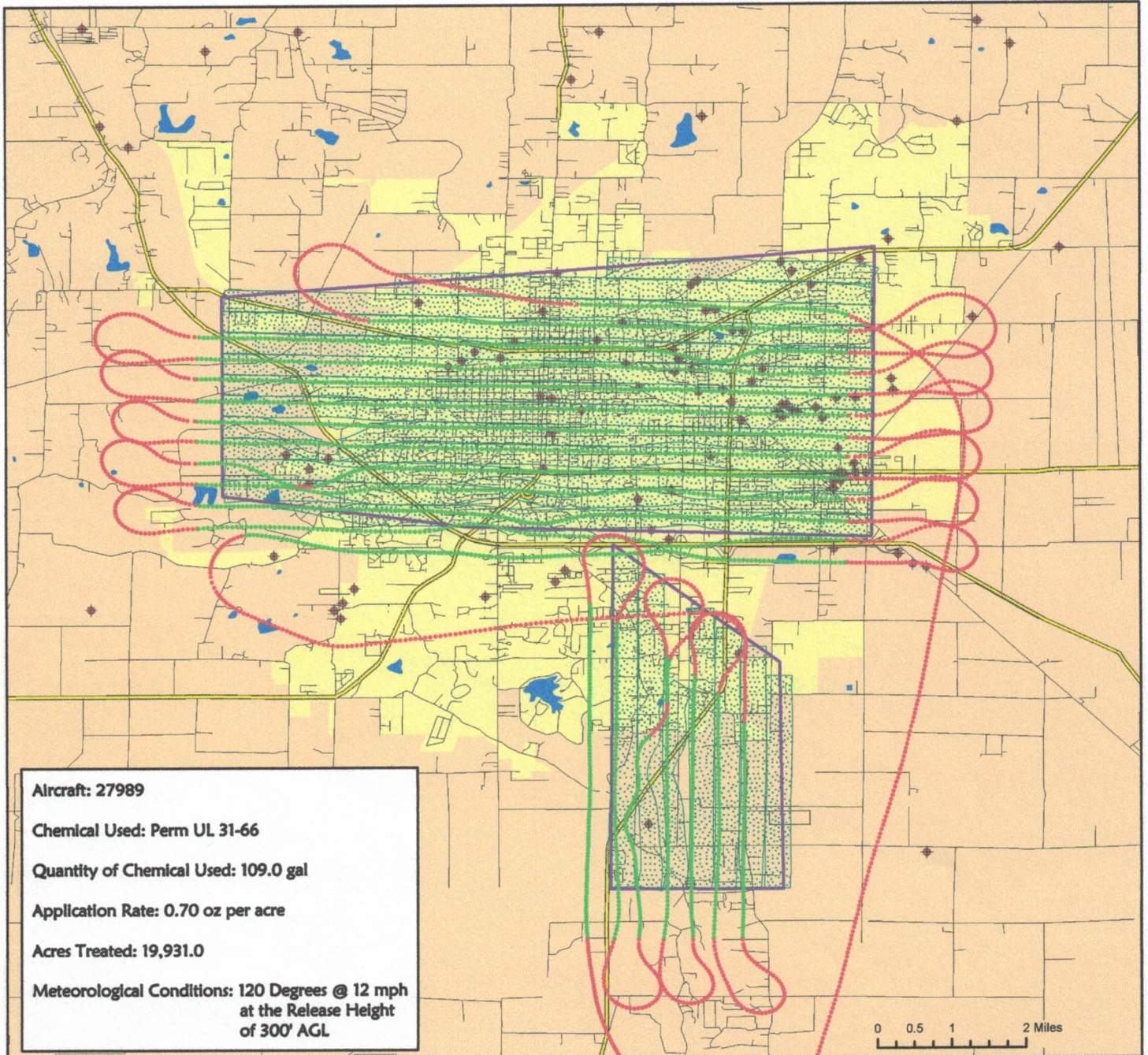
Spray Off

Spray On

Towers

Spray Deposition

Treatment Areas



Aircraft: 27989

Chemical Used: Perm UL 31-66

Quantity of Chemical Used: 109.0 gal

Application Rate: 0.70 oz per acre

Acres Treated: 19,931.0

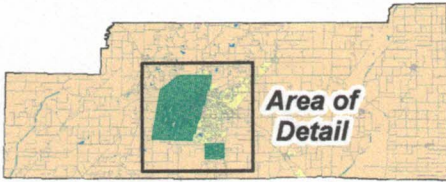
Meteorological Conditions: 120 Degrees @ 12 mph  
at the Release Height  
of 300' AGL



Vector Disease Control  
1320 Brookwood 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. © 2019 VDCI. All rights reserved.

## Craighead County



# Jonesboro, Arkansas

Aerial Adulticide Application Date:  
August 21, 2019



**Flight Line**

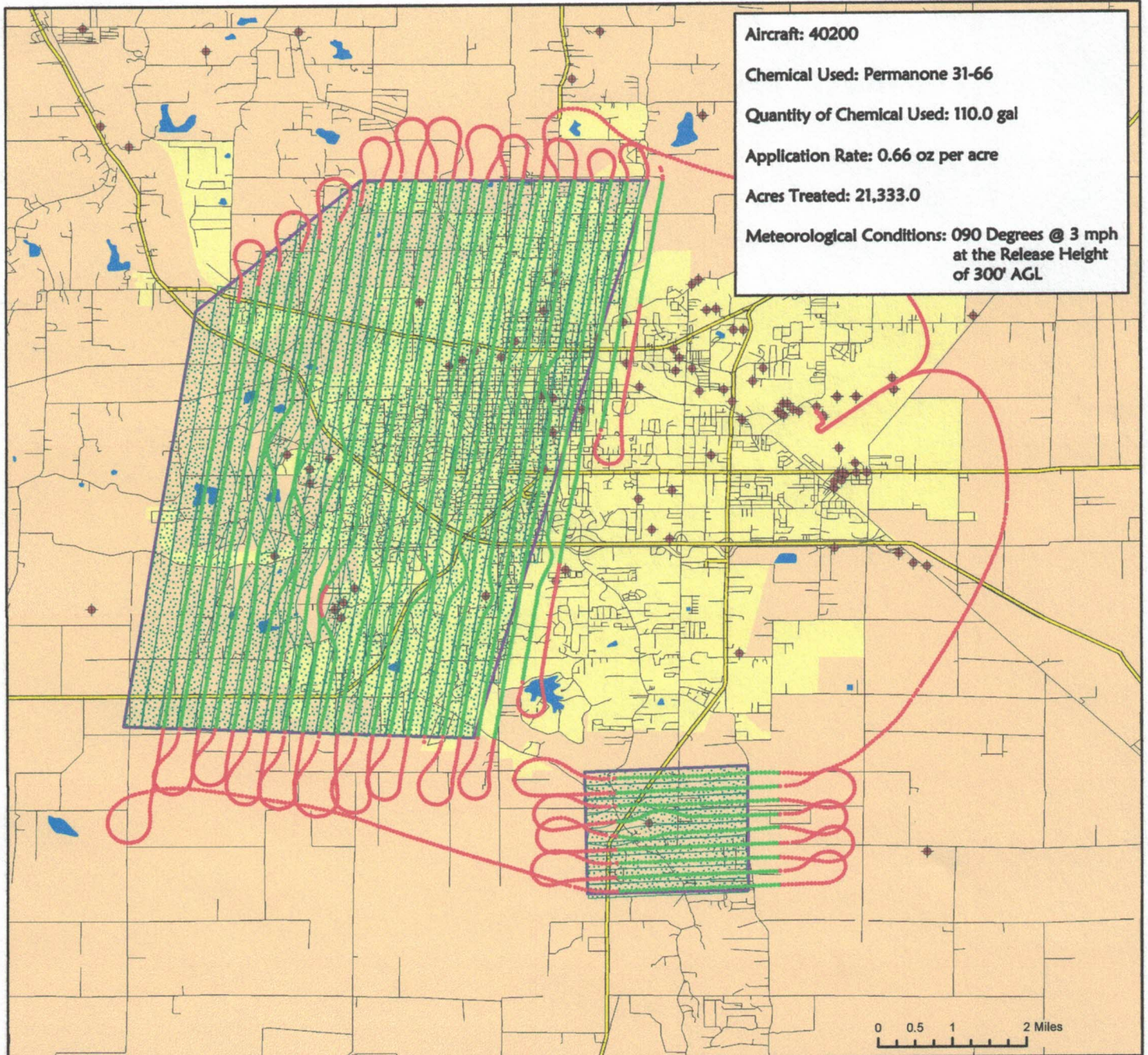
Spray Off

Spray On

Towers

Spray Deposition

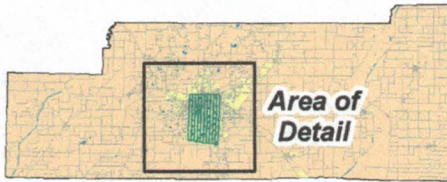
Treatment Areas



Vector Disease Control  
1320 Brookwood 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. © 2019 VDCI. All rights reserved.

## Craighead County



# Jonesboro, Arkansas

Aerial Adulticide Application Date:  
August 29, 2019



**Flight Line**

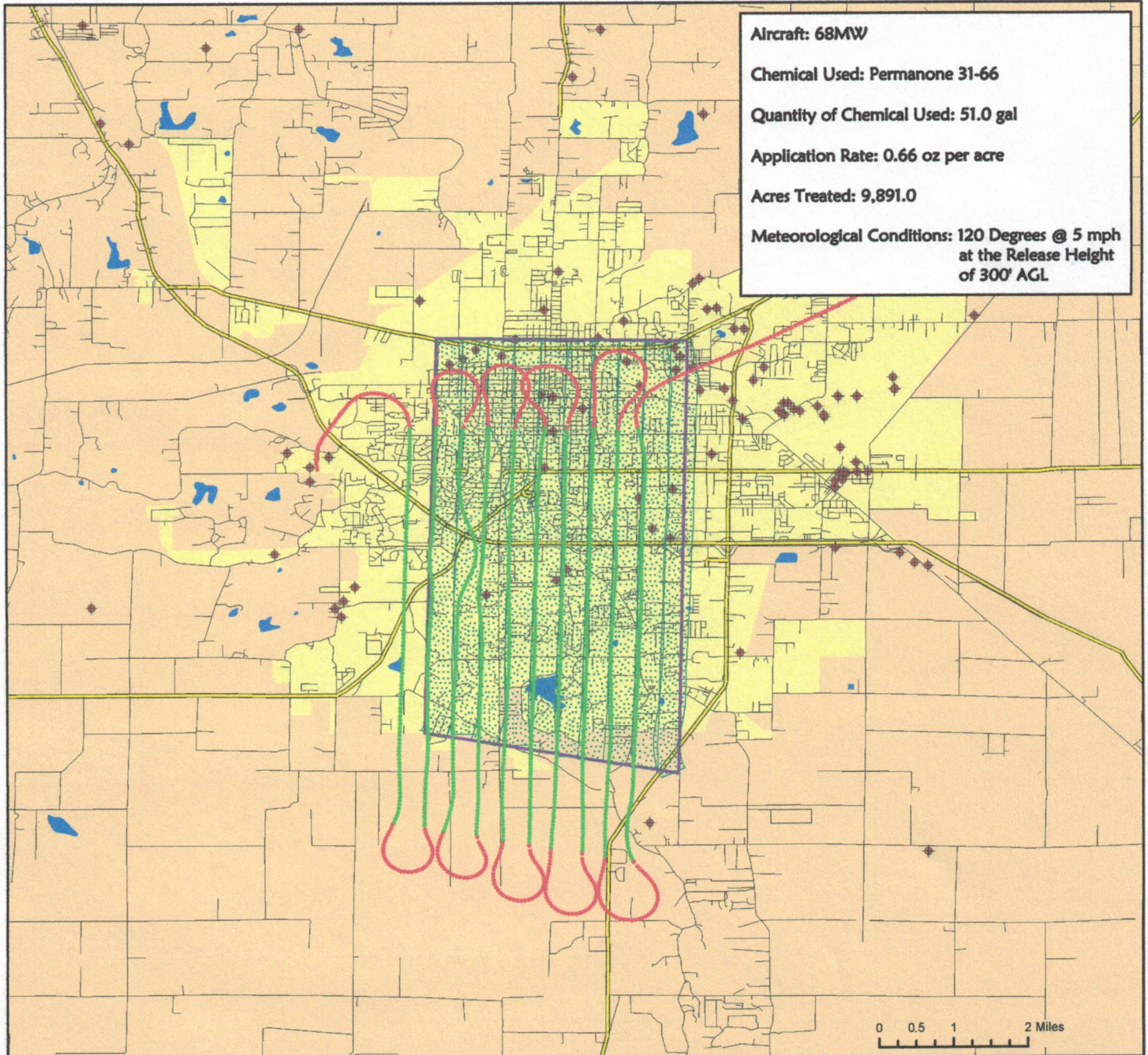
Spray Off

Spray On

Towers

Spray Deposition

Treatment Areas



Aircraft: 68MW

Chemical Used: Permanone 31-66

Quantity of Chemical Used: 51.0 gal

Application Rate: 0.66 oz per acre

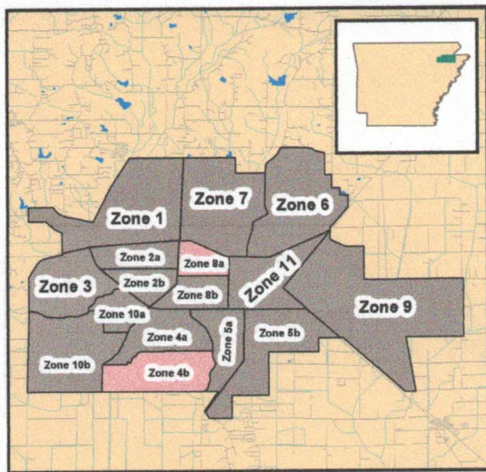
Acres Treated: 9,891.0

Meteorological Conditions: 120 Degrees @ 5 mph  
at the Release Height  
of 300' AGL



Vector Disease Control  
1320 Brookwood 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. © 2019 VDCI. All rights reserved.



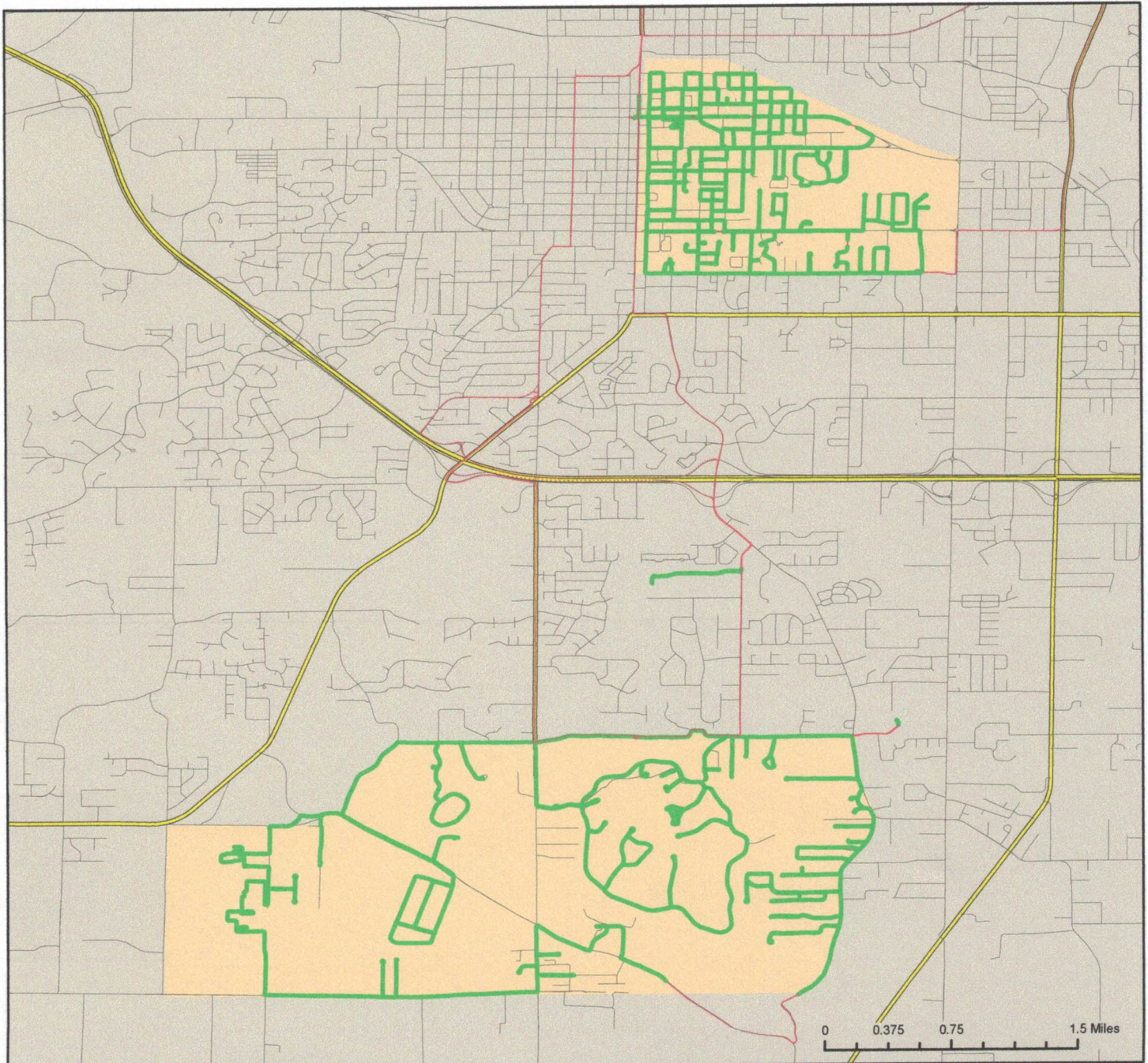
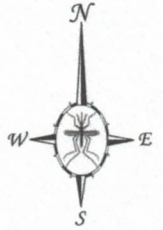
# Jonesboro, Arkansas

Ground Adulticide Application Date:  
August 2, 2019

## Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 30-30  
Quantity Used: 19.6 gal  
Miles Treated: 67.6  
Acres Treated: 2,457.0



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. © 2019 VDCI. All rights reserved.

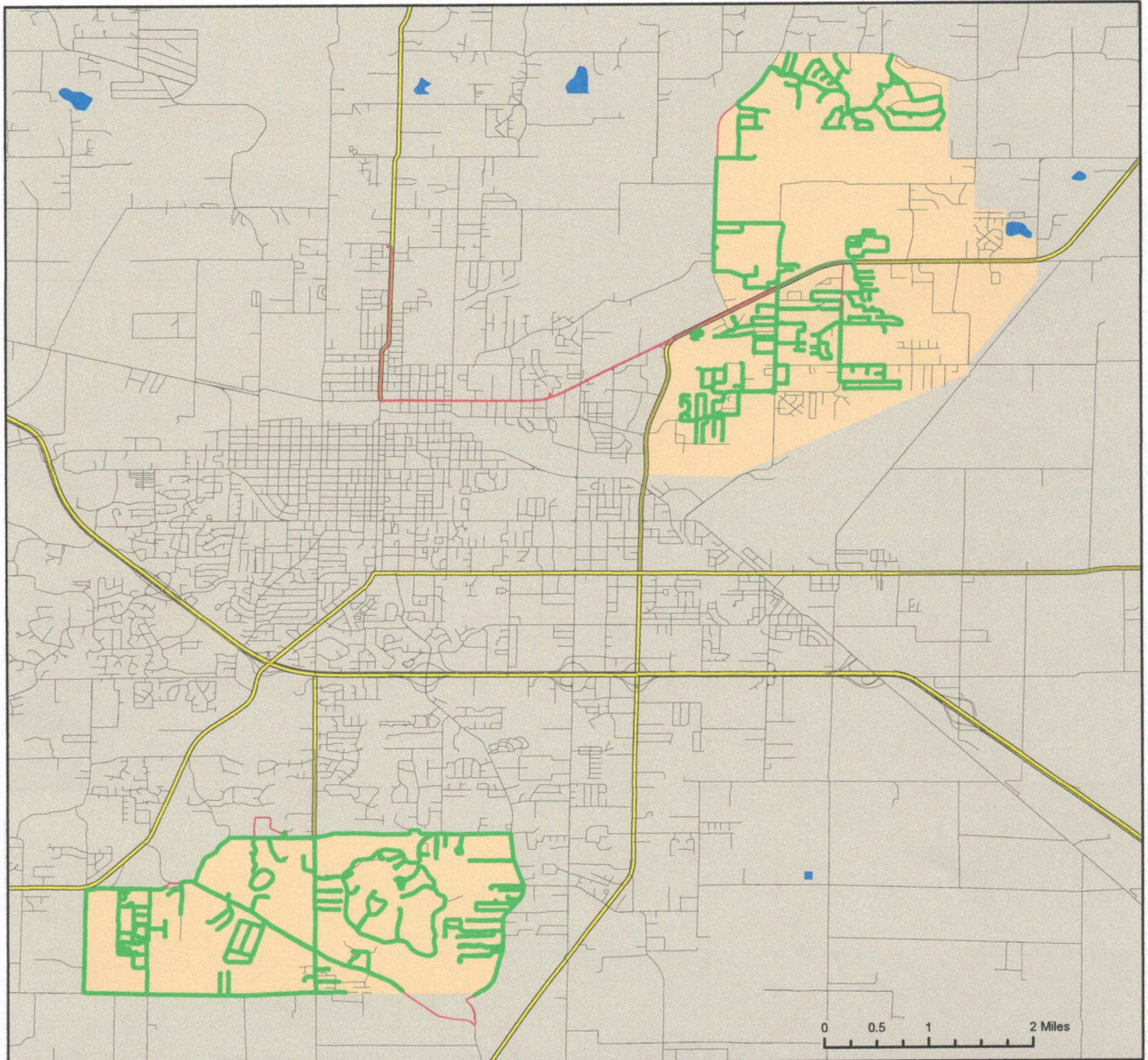
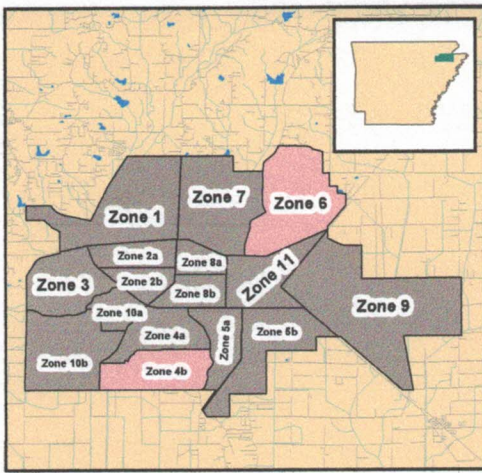
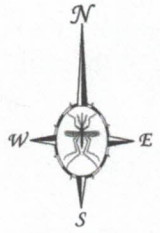
# Jonesboro, Arkansas

Ground Adulticide Application Date:  
August 9, 2019

## Sprayer Status

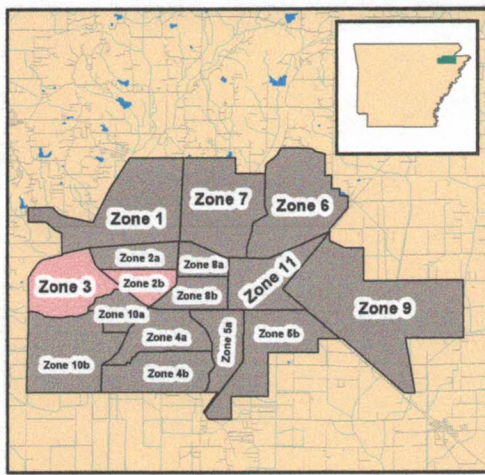
- Spray Off
- Spray On

Chemical: Permanone 31-66  
Quantity Used: 25.9 gal  
Miles Treated: 92.2  
Acres Treated: 3,351.0



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. ©2019 VDCI. All rights reserved.



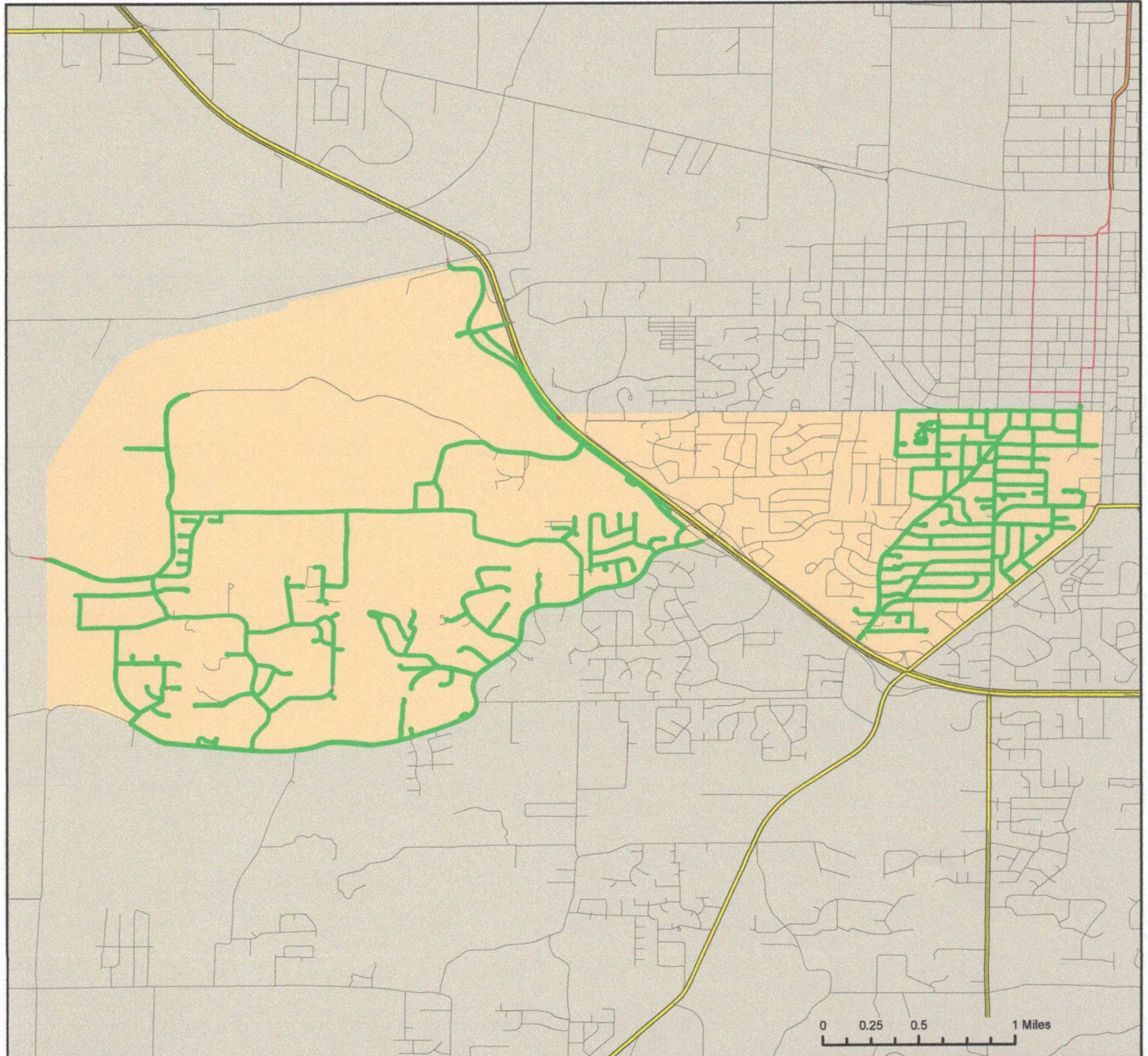
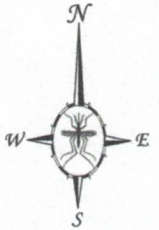
# Jonesboro, Arkansas

Ground Adulticide Application Date:  
August 15, 2019

## Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 31-66  
Quantity Used: 20.7 gal  
Miles Treated: 68.0  
Acres Treated: 2,473.0



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. © 2019 VDCI. All rights reserved.

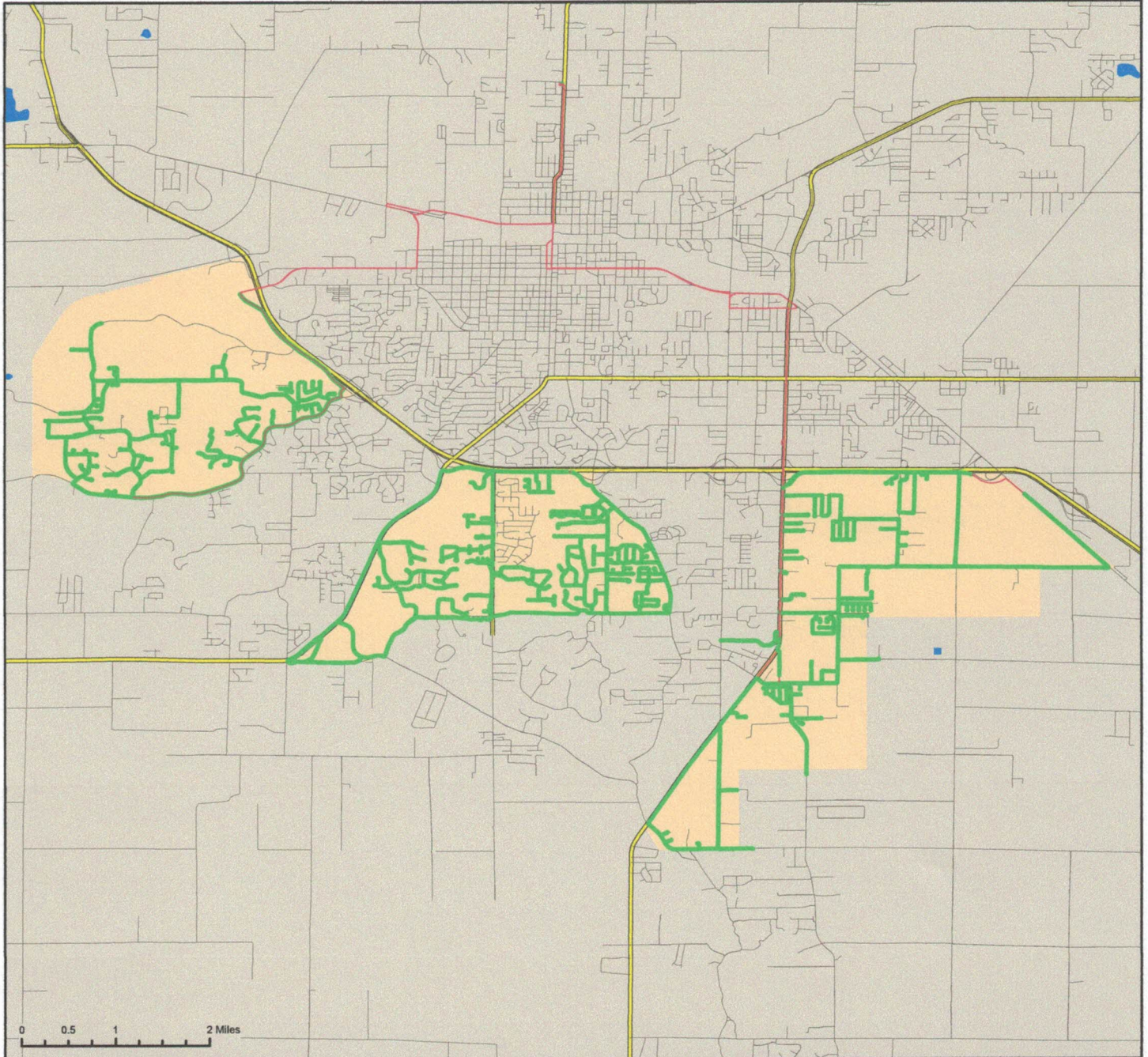
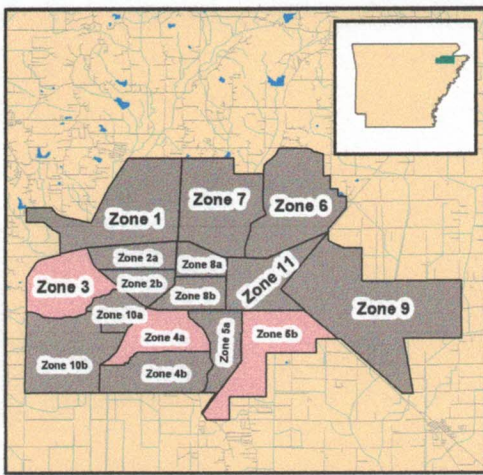
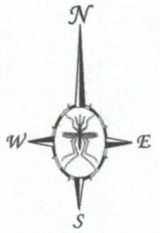
# Jonesboro, Arkansas

Ground Adulticide Application Date:  
August 27, 2019

## Sprayer Status

- Spray Off
- Spray On

Chemical: Permanone 31-66  
Quantity Used: 33.0 gal  
Miles Treated: 119.9  
Acres Treated: 4,359.0



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. © 2019 VDCI. All rights reserved.