



V.D.C.I.
Mosquito Control Specialists

Jonesboro, AR Monthly Report July 2003

Vector Disease Control, Inc.

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To the Distinguished Members of the Jonesboro Mosquito Control Committee;

Recent rains along with the continual “pumping up” of area rice fields have kept mosquito hatches continual on a 5 – 10 day cycle. We just seem to “catch up” then we start all over again.

Our 22 light traps in the city of Jonesboro have shown this increase with an average of 37.9 mosquitoes per trap. In contrast, our control traps are averaging over 566.8 mosquitoes per trap per 2 trap total.

In response to this increase nightly fogging of Jonesboro averaged 6.75 nights per week using 866 gallons of adulticide. Along with this “ground attack”, aerial treatment of the city was performed on the 2nd, 11th, 23rd, 28th of July and the 4th of August, using over 655 gallons of adulticide for these applications.

Aerial larviciding of rice fields, within a 2 mile buffer zone of Jonesboro, concluded on or about the 11th of July. During the entire rice field larviciding season a total of 3,080 gallons of B.T.I. was used which converts to 1,078,000 gallons of actual mix of larvicide. Over 1,000,000 acres of rice were treated during this time frame.

Urban larviciding slowed somewhat during mid-July due to dry conditions, but is now back in high gear due to recent rainfall. Areas which harbor mosquito species which vector the West Nile Virus, St. Louis Encephalitis, and Eastern Equine Encephalitis are closely monitored and treated on a weekly basis.

During the month of July the Jonesboro V.D.C.I. office received 184 service requests, 42 were for parties, bar-b-ques, 4th of July events, etc.

The following is a detailed report of July operations:

Adulticiding

<u>Zones</u>	<u>#of times sprayed</u>
1	5
2	13
3	13
4	18
5	16
6	13
7	2
8	14
9	5
10	11
11	12

*Total Adulticide Usage- 866 gallons

Larviciding

Total Larvicide Usage-29 lbs. granular B.T.I.

Altosid Tabs- 26

North Light Traps

7-09-03		7-15-03	
<u>Location</u>	<u>Count</u>	<u>Location</u>	<u>Count</u>
Sugar Ridge	4	Sugar Ridge	0
Shady Lane	72	Shady Lane	100
Strawfloor	32	Strawfloor	5
McClure	128	McClure	144
Viking	no run	Viking	14
ASU	5	ASU	5
Oakhill	264	Oakhill	88
Beanie	4	Beanie	3
N. Church	3	N. Church	2
Pleasantview	6	Pleasantview	4
Total	518	Total	365
Control	784	Control	522
Avg per trap	57.5	Avg per trap	36.5

7-18-03		7-22-03	
<u>Location</u>	<u>Count</u>	<u>Location</u>	<u>Count</u>
Sugar Ridge	7	Sugar Ridge	0
Shady Lane	48	Shady Lane	0
Strawfloor	20	Strawfloor	24
McClure	46	McClure	40
Viking	6	Viking	7
ASU	5	ASU	2
Oakhill	76	Oakhill	72
Beanie	4	Beanie	0
N. Church	4	N. Church	3
Pleasantview	40	Pleasantview	4
Total	225	Total	152
Control	416	Control	416
Avg per trap	22.5	Avg per trap	16.8

South Light Traps

7-8-03		7-11-03	
<u>Location</u>	<u>Count</u>	<u>Location</u>	<u>Count</u>
Ashwood	30	Ashwood	5
Ridgepointe	104	Ridgepointe	72
Pickering	240	Pickering	104
Briarcrest	12	Briarcrest	1
Frog Pond	76	Frog Pond	25
Harrisburg	14	Harrisburg	4
Cottage Home	6	Cottage Home	1
Gerald's	3	Gerald's	0
Matt	4	Matt	4
Total	489	Total	216
Control	616	Control	576
Avg per trap	54.3	Avg per trap	24.0

7-15-03		7-22-03	
<u>Location</u>	<u>Count</u>	<u>Location</u>	<u>Count</u>
Ashwood	120	Ashwood	41
Ridgepointe	132	Ridgepointe	152
Pickering	42	Pickering	304
Briarcrest	6	Briarcrest	2
Frog Pond	27	Frog Pond	30
Harrisburg	5	Harrisburg	4
Cottage Home	3	Cottage Home	5
Gerald's	1	Gerald's	1
Matt	3	Matt	6
Total	339	Total	532
Control	906	Control	262
Avg per trap	33.9	Avg per trap	54.5

South Light Traps (cont)

7-29-03

<u>Location</u>	<u>Count</u>
Ashwood	21
Ridgepointe	136
Pickering	160
Briarcrest	3
Frog Pond	30
Harrisburg	12
Cottage Home	3
Gerald's	0
Matt	7
Total	372
Control	604
Avg per trap	41.3

The first week of the month of August will be spent in preparation for the "Night Out" events in and around the city. Cooperation from the general public has been terrific and we hope everything goes off as mosquito free as possible.

Again, if there are any questions or concerns, please call upon us at anytime. Your input is vital to our operation and is always welcome.

Sincerely,
Jim Stark



Regional Supervisor
V.D.C.I. Mosquito Control
