RICHMOND COUNTY MOSQUITO CONTROL
MISSION STATEMENT
To incorporate strategies of integrated mosquito control management that are effective, practical, environmentally safe and protect the health of Richmond County residents, as well as promote public education, in order to prevent large mosquito populations and the diseases that they transmit.
COST OF OPERATION

$1.10
Per hour
Mule and Barrier Spray Unit
PRODUCTS WE USE

- ADULTICIDES
  - PERMETHRIN SPRAY
  - BARRIER SPRAY

- LARVAICIDES
  - METHOPRENE
  - MONO-MOLECULAR FILM
  - BTI
324 SQUARE MILES
PROPOSED SCHEDULE

• APRIL 1\textsuperscript{ST}

• BEGIN LARVICIDING

• RETENTION PONDS

• STORM DRAINS
PROPOSED SCHEDULE

• MAY 1ST

• BEGIN ADULTICIDING

• BARRIER SPRAYING

• 15 SQUARE BLOCK DOWNTOWN AREA
SURVEILLANCE

• WE DO AS WE CAN WITH THE HELP OF ROSMARIE KELLY
  • Public Health Entomologist
  • Georgia Division of Public Health
Mosquito surveillance was conducted weekly from June 4th through September 11th (with the exception of one week in July). Trapping was conducted at 5 different sites per week with 1 CDC CO2-baited light trap and 1 Gravid trap at each site for a period of 24 hours. A total of 19,957 mosquitoes were collected and 164 mosquito pools were sent for virus testing, with 1 pool testing positive for WNV in August.

**A total of 284 male mosquitoes were counted, but could not be identified and a total of 183 *Culex* mosquitoes were counted, but could not be identified to species. A total of 22 mosquitoes were counted, but could not be identified to genus or sex.
<table>
<thead>
<tr>
<th>Mosquito Species</th>
<th>Total Mosquitoes</th>
<th>Percent (%) of Total Collected</th>
<th>Human Biter?</th>
<th>Medical Importance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culex salinarius</td>
<td>7803</td>
<td>39.1</td>
<td>Yes</td>
<td>WNV, EEE, DHW</td>
</tr>
<tr>
<td>Coquillettidia perturbans</td>
<td>4523</td>
<td>22.7</td>
<td>Yes</td>
<td>WNV, EEE</td>
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<tr>
<td>Anopheles crucians complex</td>
<td>2413</td>
<td>12.1</td>
<td>Yes</td>
<td>WNV, EEE, DHW</td>
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<tr>
<td>Aedes vexans</td>
<td>1759</td>
<td>8.8</td>
<td>Yes</td>
<td>WNV, EEE, DHW</td>
</tr>
<tr>
<td>Aedes albopictus</td>
<td>1129</td>
<td>5.7</td>
<td>Yes</td>
<td>WNV, EEE, DHW</td>
</tr>
<tr>
<td>Anopheles quadrimaculatus</td>
<td>830</td>
<td>4.2</td>
<td>Yes</td>
<td>WNV, EEE, DHW</td>
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<tr>
<td>Culex pipiens complex</td>
<td>452</td>
<td>2.3</td>
<td>Yes</td>
<td>WNV, EEE, DHW, SLE</td>
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<tr>
<td>Culex erraticus</td>
<td>205</td>
<td>1.0</td>
<td>Maybe</td>
<td>WNV, EEE</td>
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<tr>
<td>Psorophora columbae</td>
<td>160</td>
<td>0.8</td>
<td>Yes</td>
<td>WNV, EEE</td>
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<tr>
<td>Psorophora ferox</td>
<td>49</td>
<td>0.2</td>
<td>Yes</td>
<td>WNV, DHW</td>
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<tr>
<td>Anopheles punctipennis</td>
<td>40</td>
<td>0.2</td>
<td>Yes</td>
<td>WNV, EEE, DHW</td>
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<tr>
<td>Ochlerotatus triseriatus</td>
<td>34</td>
<td>0.2</td>
<td>Yes</td>
<td>WNV, EEE</td>
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<tr>
<td>Psorophora howardii</td>
<td>20</td>
<td>0.1</td>
<td>Yes</td>
<td>WNV</td>
</tr>
<tr>
<td>Uranotaenia sapphirina</td>
<td>12</td>
<td>&lt;0.1</td>
<td>No</td>
<td>WNV, EEE</td>
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<tr>
<td>Aedes taeniorhynchus</td>
<td>9</td>
<td>&lt;0.1</td>
<td>Yes</td>
<td>WNV, DHW</td>
</tr>
<tr>
<td>Aedes atlanticus/tormentor</td>
<td>7</td>
<td>&lt;0.1</td>
<td>Yes</td>
<td>WNV, EEE</td>
</tr>
<tr>
<td>Culex restuans</td>
<td>6</td>
<td>&lt;0.1</td>
<td>Yes</td>
<td>WNV, EEE, SLE</td>
</tr>
<tr>
<td>Psorophora ciliata</td>
<td>4</td>
<td>&lt;0.1</td>
<td>Yes</td>
<td>WNV</td>
</tr>
<tr>
<td>Psorophora cyanescens</td>
<td>4</td>
<td>&lt;0.1</td>
<td>Yes</td>
<td>WNV</td>
</tr>
<tr>
<td>Culex territans</td>
<td>4</td>
<td>&lt;0.1</td>
<td>No</td>
<td>WNV</td>
</tr>
<tr>
<td>Culex nigripalpus</td>
<td>3</td>
<td>&lt;0.1</td>
<td>Yes</td>
<td>WNV, DHW, SLE</td>
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<tr>
<td>Ochlerotatus fulvus pallens</td>
<td>2</td>
<td>&lt;0.1</td>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>
COMPLAINTS

• 2008 • 2009

323 • 593 • SO FAR
PARTNERING
WITH OUR NEIGHBORS
Augusta Regional Airport
North Entrance
AUGUSTA COUNTRY CLUB
EST. 1899
Augusta National Golf Club
MEMBERS ONLY
WHAT DO PARTNERS DO?

They want to service their own area and property

- We provide training
- Contacts
- Support
- Surveillance
MY GREATEST CHALLENGE

HAVE YOU EVER SEEN A “REDNECK POOL”?
POOL PROBLEMS

- POOLS IN THE SYSTEM 58
- POOLS ON MAINTINENCE 21
- POOLS IN COURT 7
- POOLS COMPLETED 30
BEFORE AND AFTER

POOL PHOTOS
COMMUNITY INVOLVEMENT

CHRISTMAS PARADE
EDUCATIONAL PROGRAMS

• CIVIC GROUPS

• SCHOOLS

• HOMEOWNERS ASSOCIATIONS

• BUSINESSES
QUESTIONS

?????????
WE HAVE SOME HANDOUTS FOR YOU TO TAKE HOME TO HELP YOU WITH MOSQUITO PROBLEMS AROUND THE HOUSE
THANK YOU FOR YOUR TIME!
MOSQUITO ID CLASS

WAS CONDUCTED IN AUGUSTA AT THE
HEALTH DEPT TRAINING CLASSROOM

MAY 11-12, 2009
THE CLASS WAS CONDUCTED BY SNAKEMAN AND ROSMARIE
THE NEXT FRONTIER

TIRES
THANK YOU FOR YOUR TIME