



# Maryland Department of Agriculture

Office of Plant Industries and Pest Management

Larry Hogan, Governor

Boyd K. Rutherford, Lt. Governor

Joseph Bartenfelder, Secretary

Julianne A. Oberg, Deputy Secretary

Mosquito Control

The Wayne A. Cawley, Jr. Building

50 Harry S. Truman Parkway

Annapolis, Maryland 21401

[www.mda.maryland.gov](http://www.mda.maryland.gov)

Agriculture | Maryland's Leading Industry

410.841.5870 Baltimore/Washington

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800.492.5590 Toll Free

## Mosquito Control Section

Dear Mosquito Control Customer:

February 12, 2019

The Mosquito Control Program is a service provided by the Maryland Department of Agriculture's (MDA) Mosquito Control Section in cooperation with the Queen Anne's County Department of Public Works. Mosquito surveillance and control operations will be exclusively conducted by MDA personnel. Funding is provided by MDA, Queen Anne's County and user fees.

**There is a cutoff date for submission after which we cannot process new applications. Customers will be accepted into the program until April 30, 2019.** Customers may participate as individuals provided that they are not within a subdivision and not within the boundaries of a "quasi" community. Individuals that reside near other communities may be asked to join these established Community group spray areas. Two or more homes must participate as a community.

As part of our Integrated Pest Management (IPM) program, the mosquito population will be monitored regularly and spraying will only occur if the mosquito population meets or exceeds MDA's population threshold or in cases that threaten public health such as when West Nile Virus is detected. For more information, please see the attached sheet entitled "Standard Mosquito Control Operating Procedures". All ULV applications of the EPA approved adulticide will only control the adult mosquitoes present at the time of treatment.

**There will be no off road spraying. Spray trucks will spray from road frontages and private driveways only. Manually operated driveway gates must be left open if mosquito control personnel are to enter.**

E-mail is the preferred method of contact however it is not required. Any questions or comments concerning the program may be directed to the Maryland Department of Agriculture at 410-758-2168, or via email at [misti.boggus@maryland.gov](mailto:misti.boggus@maryland.gov).

Sincerely,

Misti L. Boggus, Agricultural Inspector III

[misti.boggus@maryland.gov](mailto:misti.boggus@maryland.gov)

Phone: (410) 758-2168

## STANDARD MOSQUITO CONTROL OPERATING PROCEDURES

The Queen Anne's County Mosquito Control Program is conducted by the Mosquito Control Section of the Maryland Department of Agriculture, under a cooperative agreement with the County Government.

### OPERATING PROCEDURES FOR SPRAYING OF ADULTICIDES (Treatment for adult mosquitoes):

- Regular Surveillance and Control of Adult Mosquitoes:  
Sunday-Thursday (excluding State holiday's), **bi-weekly service**  
Anytime between 7:00 p.m. – 6:00 a.m.
- Spraying for adult mosquitoes will be conducted in accordance with the following:
  - Spraying will not be conducted during rain, in wind speeds below 1 MPH or exceeding 12 MPH or temperatures above 89°F.
  - Thresholds for Ground ULV spraying to occur.
    - Landing Counts: 3 mosquitoes in a 2-minute count
    - Light Trap Collections: 12 female mosquitoes in an unbaited light trap  
24 female mosquitoes in a baited light trap
    - Conditions that threaten public health, such as mosquito borne disease

• <b>Adulticide</b>	<b>Formulation</b>
Permanone 30-30:	0.0031 lbs/acre
Permethrin mixed 1 in 4 with	9.08 oz. at 20 miles/hour
BVA oil = 6% end use dilution (finish mix)	0.75 oz fluid ounces finished spray/acre

### OPERATING PROCEDURES FOR SPRAYING OF LARVICIDES (Treatment for mosquito larvae):

- County-wide Surveillance and Control of Larval Mosquitoes: Monday - Friday

- **LARVICIDES TO BE USED:**

<b>Larvicide</b>	<b>Formulations</b>
<u>Bacterial Larvicides:</u>	
VectoBac and Aquabac: <i>Bacillus thuringiensis var. israelensis</i>	Liquid, Granular
Vectolex: <i>Bacillus sphaericus</i>	Liquid, Granular
<u>Insect growth regulator:</u>	
Altosid (Methoprene)	Liquid, Briquet or Pellets

The Mosquito Control Program does not spray for adult midges that swarm on homes, boats, trees and shrubs along many Queen Anne's County creeks and rivers. These non-biting insects develop in mud bottoms of slow moving water ways of low dissolved oxygen and will decline in numbers within a few weeks after they first appear.

**Misti L. Boggus, Agricultural Inspector III**  
**misti.boggus@maryland.gov**  
**Phone: (410) 758-2168**  
**Monday – Friday, 7:30 a.m. – 3:00 p.m.**

**Daniel Schamberger, Administrator III**  
**daniel.schamberger@maryland.gov**  
**Phone: (410) 543-6626**  
**Monday – Friday, 8:30 a.m. – 4:00 p.m.**

For more information, insecticide SDS's and labels, please visit our web site at:  
[http://mda.maryland.gov/plants-pests/Pages/mosquito\\_control.aspx](http://mda.maryland.gov/plants-pests/Pages/mosquito_control.aspx)

**QUEEN ANNE'S COUNTY MOSQUITO CONTROL  
INDIVIDUAL APPLICATION/PERMISSION TO ENTER FORM (PTE FORM) – SEASON 2019**

**DEADLINE FOR PARTICIPATION: APRIL 30, 2019**

Please return this PTE form indicating that you are granting permission for our employees to enter your driveway to conduct insecticide applications. The County and/or MDA will not be responsible for any damage done to your property during the spraying process. It is the responsibility of the property owner to provide clear and unobstructed access for any spraying conducted. Please make sure that our technician will have room to turn around in your driveway. Failure to do so may result in incomplete or suspended service, or unintended property damage. **Manually operated driveway gates must be left open if mosquito control personnel are to enter. There is a cutoff date for submission after which we cannot process new applications. Customers will be accepted into the program until April 30, 2019.**

I/We grant permission to the State of Maryland - Department of Agriculture in Queen Anne's County to have access to and enter upon my/our owned/leased property for the purpose of conducting mosquito control using truck-mounted or hand-carried insecticide spray equipment. The application of insecticide will be in compliance with the use instructions contained on the insecticide label. Labels can be found on the MDA website.

**There will be no off road spraying. Spray trucks will spray from road frontages and private driveways only. Manually operated driveway gates must be left open if mosquito control personnel are to enter.** The customer must submit this application and a \$250.00 check payable to "Queen Anne's County". The undersigned mosquito control customer has read and understands the Standard Mosquito Control Operating Procedures. The customer agrees to allow access by MDA personnel to conduct mosquito control activities.

***Maryland Department of Agriculture***

Queen Anne's County

Attention: Mosquito Control Section

211 Safety Drive

Centreville, MD 21617

Phone: 410-758-2168

Misti.boggus@maryland.gov

**Please mail your application, map, and check payable to "Queen Anne's County" to the address above.**

***Mosquito Control Customer***

**Property Location:**

Name: \_\_\_\_\_

Street: \_\_\_\_\_

Town: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Gate Code: \_\_\_\_\_

**Mailing Address:**

Street: \_\_\_\_\_

Town: \_\_\_\_\_ State/Zip Code: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

**Signature (Mosquito Control Customer)**

*I have read and understand the Standard Mosquito Control Operating Procedures.*

MUTUAL EXCLUSION CLAUSE: *This agreement can be ended by either MDA or the above named community at any time. Refund requests will be decided through Queen Anne's County Public Works. For information on mosquito control activities please refer to the attached "Standard Mosquito Control Operating Procedures" or visit our website [http://mda.maryland.gov/plants-pests/Pages/mosquito\\_control.aspx](http://mda.maryland.gov/plants-pests/Pages/mosquito_control.aspx)*