



Maryland  
Department of Agriculture

Office of Plant Industries and Pest Management

Wes Moore, Governor  
Aruna Miller, Lt. Governor  
Kevin M. Atticks, Secretary  
Steven A. Connelly, Deputy Secretary

Mosquito Control

Agriculture | Maryland's Leading Industry  
mda.maryland.gov

The Wayne A. Cawley, Jr. Building  
50 Harry S Truman Parkway  
Annapolis, Maryland 21401

410-841-5870 Baltimore/Washington  
410-841-5835 Fax

February 4, 2026

Dear Mosquito Control Customer:

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 24, 2026. To maximize mosquito control effectiveness, participating as a community is strongly preferred. Subdivisions or communities with an active homeowner's association (HOA) will only be sprayed as a community. Residences not within a planned subdivision, or those without an active homeowner's association can enroll forming a "quasi" community group. All requests for service and payments within a community must be made via a designated HOA or community representative. It is the responsibility of the community representative to make available to all residents of the community information regarding mosquito control activities, operating procedures, policies and spray schedules. You must indicate the method of notification on the application form.

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. Private driveway spraying will be conducted solely upon the approval of the MDA supervisor. If it is necessary for MDA personnel to enter a private driveway, then the property owner will be required to complete a "Permission to enter" form if one has not been submitted previously. Please note that filling out this form does not imply a private driveway spray. Maps will be reviewed, and MDA will make the final determination as to how your community will be sprayed. It may not be necessary for MDA to enter the requested driveway to provide effective mosquito control. We will no longer manually open and close gates.

**Please return all forms together or application will not be accepted. Late properties will not be accepted into the program.**

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 Advanced  
[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 holidays), average 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
- | Adulticide                                 | Formulation                              |
|--|--|
| <u>Permanone 30-30:</u>                    | 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:**

Larvicide	Formulations
<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 waterways of low dissolved oxygen and will decline in numbers within a few weeks after they first appear.

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

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

**COMMUNITY APPLICATION FOR MOSQUITO CONTROL**

**Queen Anne’s County - Season 2026**

**DEADLINE FOR PARTICIPATION: APRIL 24, 2026**

The community of \_\_\_\_\_, located in Queen Anne’s County, applies to be included in the cooperative mosquito control program for the 2026 season. The undersigned community representative agrees to contact **ALL COMMUNITY MEMBERS WHETHER THEY ARE IN THE PROGRAM OR NOT**, notifying them of the community’s participation in the mosquito control program, the Policy on Objection to Adult Mosquito Control Services and the Standard Mosquito Control Operating Procedures. The community agrees to allow access by MDA personnel to conduct mosquito control activities. The community must submit this application, Full Participant List, a community map, and a check payable to “Queen Anne’s County” according to the rate schedule below. “Permission to enter” forms are only necessary for residents if one has not been submitted previously and whom are granting permission for our employees to enter your property via driveway if we decide to conduct insecticide applications. There will be no off-road spraying. Private driveway spraying will only be conducted solely upon the approval of the MDA supervisor. We will no longer manually open and close gates. There is a cutoff date for submission after which we cannot process new applications. Customers will be accepted into the program until April 24, 2026. **Please return all forms together or application will not be accepted. Late properties will not be accepted into the program.**

2026 Rates per season per home:

1 home - \$250.00 per home	11 - 15 homes - \$70.00 per home	51 - 70 homes - \$35.00 per home
2 homes - \$150.00 per home	16 - 20 homes - \$60.00 per home	71 - 100 homes - \$30.00 per home
3 homes - \$100.00 per home	21 - 25 homes - \$50.00 per home	101-200 homes - \$25.00 per home
4 homes - \$80.00 per home	26 - 30 homes - \$45.00 per home	201-299 homes - \$20.00 per home
5 - 10 homes - \$75.00 per home	31 - 50 homes - \$40.00 per home	300 or more homes - \$15.00 per home

**( \_\_\_\_\_ number of homes in the community) X (\$ \_\_\_\_\_ . \_\_\_\_\_ per home) = \$ \_\_\_\_\_ . \_\_\_\_\_ enclosed**

Community Map: **A community map is required** and should be on 8 ½” x 11” sheet(s) of paper, with all roads clearly highlighted and marked with address numbers. Acceptable maps include sketches, community planning maps, maps printed from internet sources, or photocopies of road maps. If you need assistance in creating a map, please contact us via email at [misti.boggus@maryland.gov](mailto:misti.boggus@maryland.gov).

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

***Community Representative***

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

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

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

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

E-mail: \_\_\_\_\_

Method of community notification: \_\_\_\_\_

\_\_\_\_\_  
**Signature (Community Representative)**

*I have read and understand the Standard Mosquito Control Operating Procedures and I will inform all residents of these policies.*

***Please make check payable to “Queen Anne’s County” and mail your application, List of Participants Form, map, and any PTE forms to the address above.***

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.

**QUEEN ANNE’S COUNTY MOSQUITO CONTROL  
 PERMISSION TO ENTER FORM (PTE FORM) – SEASON 2026  
 DEADLINE FOR PARTICIPATION: APRIL 24, 2026**

“Permission to enter” forms are only necessary for residents whom are granting permission for our employees to enter your property via driveway if we decide to conduct insecticide applications. **Spray trucks will spray from road frontages and private driveways only when necessary. This will be decided solely by the MDA Supervisor. We will no longer manually open and close gates.** Our specialized equipment and insecticides enable us to significantly reduce the number of mosquitoes in your community, and it is therefore not necessary to enter every driveway to control the mosquitoes within your neighborhood. Return this PTE form to your community contact person indicating that you are granting permission for our employees to enter your driveway to conduct insecticide applications when necessary. 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.** There is a cutoff date for submission after which we cannot process new applications. Customers will be accepted into the program until April 24, 2026.

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. 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.

Property Location/Community Information	Resident Information
Property Address:	Printed Name(s):
Property City/ZIP:	
Community Name:	Signature:
Return to your Community Representative:	<b>*This permission may be canceled immediately when such cancellation is made in writing and delivered to the Maryland Department of Agriculture.</b>

**\* The customer/community representative must provide the driver with the gate code or key card, otherwise, the driver can't enter, leading to potential delays.**

**\*This PTE form is only required for new properties or changes made this season. Late properties will not be accepted into the program.**

*MUTUAL EXCLUSION CLAUSE: This agreement can be ended by either MDA or the above named individual 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)*