

MOSQUITO CONTROL Update



JULY 9, 2018
City Council Briefing

Mosquito Control Program Overview

Operations:

- Our Mosquito Control Program operates year round with peak season from March through November.
- This program falls under the Stormwater Program.
- Staff assists with Stormwater issues and weather emergency operations.

Mosquito Surveillance Program:

- Uses various traps to determine the number and types of mosquitoes.
- Conducts site inspections to identify areas actively breeding mosquitoes.
- Responds to citizens' concerns.
- Tracks weather conditions (rainfall, winds, temperatures) and react accordingly.

Treatments

- Based on the data collected from the surveillance program, the best type of treatment is applied at various locations.

Ground-based Control Efforts

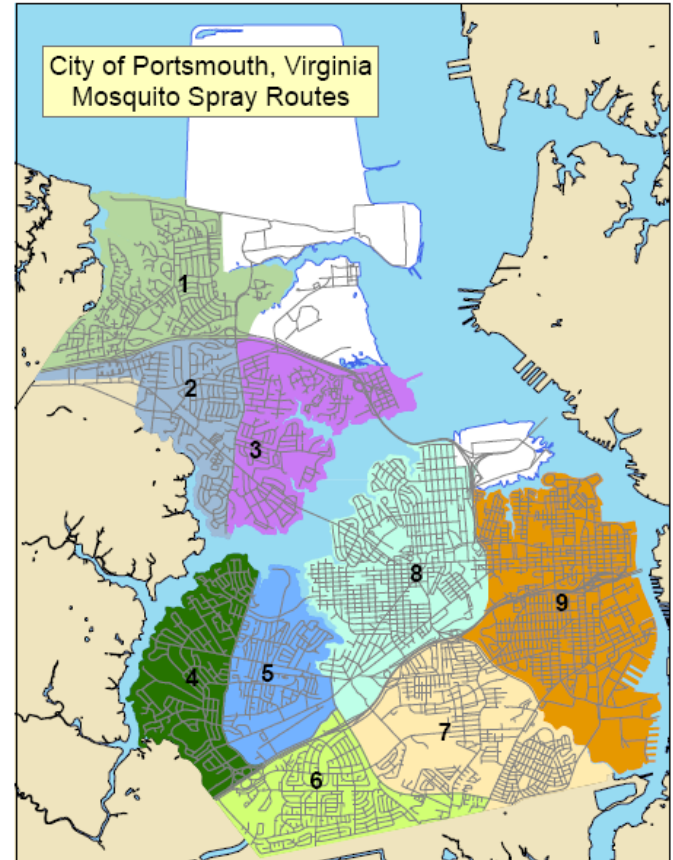
Equipment:

Two (2) Truck Mounted Larvicide Sprayers:

- Used to treat roadside ditches, storm drains, and low areas.

Four (4) Truck Mounted Adult Mosquito Sprayers:

- Used to spray adult mosquitoes throughout the City, which is divided into 9 spray areas.
- Takes 3 nights to spray all areas.
- Weather permitting (no rain, wind under 15mph, temperature 60–80 degrees Fahrenheit)



Tracking

All of our Spray Trucks have GPS Tracking.

- GPS in the cab provides maps displaying areas sprayed.
- Track location of no spray zones including hobby beekeeping areas.
- Keeps record of the pesticide applications to meet EPA/State legal requirements.



Aerial Spraying

All aerial spraying is a joint effort with the U.S. Army Corps of Engineers for the benefit of our citizens.

- **Contractor flights as follows:**
 - a. Juvenile Mosquitoes (Larvicide) contract capacity increased for 2018
 - b. Adult Mosquitoes (Adulticide) contract capacity also increased for 2018
 - c. Invasive Plant Species (Herbicide)
- **Air Force Reserve Unit out of Youngstown, Ohio**
 - a. Plane availability is limited to their deployment and training schedule. Tentative dates are (July 30 – Aug 2) and (Aug 27 – Aug 30)



Mosquito Hotline

For more information about mosquito spraying,
contact the
Mosquito Hotline at (757) 393-8666

The image features a logo centered within a white oval. The oval is bordered by a thick red line, which is itself set against a dark blue background. The logo consists of the letters 'Q', '&', and 'A'. The 'Q' and 'A' are rendered in a blue, outlined, sans-serif font. The ampersand is a stylized, red, cursive script font that overlaps the 'Q' and 'A'.

Q&A