



March 27, 2018

To Whom It May Concern,

This letter serves to notify you that the Berks County Conservation District will conduct mosquito surveillance and West Nile Virus monitoring in your Township/Borough again this year. Surveillance in your area will occur approximately once per month from April 1 through October 31, 2018. Surveillance may occur more often if mosquito populations and/or virus levels elevate and require enhanced monitoring. Both adult and larval mosquito samples will be taken. Larval mosquito control will be conducted on the spot with bacterial-based larvicides. Adult mosquito control will be conducted as needed, based on the level of virus in your area and/or populations of mosquitos capable of transmitting disease. Adult mosquito control is performed using several different methods and equipment, such as backpack sprayers or Ultra Low Volume truck mounted sprayers. All adult mosquito control operations will be announced at least 48 hours prior to the spraying event.

I have included images of the types of mosquito trapping devices and control equipment I will be using in your area this year. I encourage you to share these images with members of your staff and local police. All trapping equipment will be tagged with the Berks County Conservation District logo and my contact information.

Dead birds will continue to be tested for West Nile Virus this year. Collection dates will run from May 1 through October 31, 2018. Dead birds may be reported directly to me via phone or email or they may be submitted by using the link found on the PA Department of Environmental Protection's West Nile Virus webpage.

Please feel free to contact me with any questions or pass along my contact information at any time.

Sincerely,

Evan Corondi  
Mosquito-borne Disease Control Program Coordinator  
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610-372-4657x212



**Mosquito Gravid Trap**



**Mosquito Light Trap**



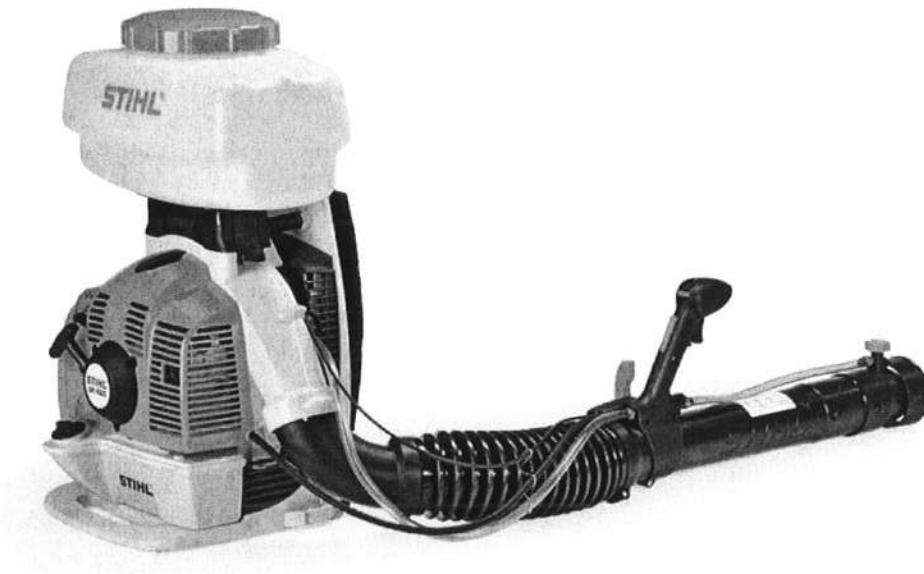
**Mosquito BG Sentinel Trap**



- All traps make a slight buzzing noise due to a small fan motor.
- The gravid trap (top) is filled with water that has a strong, foul odor.
- The light trap (bottom left) is filled with dry ice and emits a slight visible fog.
- The BG Sentinel trap (bottom right) also has a container of dry ice and produces fog.

## BCCD Adult Mosquito Control Equipment Information

**Stihl SR450 Backpack Spraying Unit** – This device will be used to dispense granular larvicide, as well as, adulticide applied to vegetation. Operation times may vary.



**Clark Cougar ULV Sprayer** – Truck-mounted Ultra Low Volume sprayer used to dispense contact adulticide for adult mosquito control. Operation times are from dusk on, no daytime use.

