

April 14, 2015

MOSQUITO INFORMATION

Vector-borne diseases are a significant threat in the United States. Several vector-borne diseases showing up around the nation include: West Nile Virus (WNV) , Eastern Equine Encephalitis (EEE) , St. Louis Encephalitis (SLE) , Lacrosse Virus , Malaria , Dengue Hemorrhagic Fever Virus , and Rift Valley Fever (RVF). According to the Centers for Disease Control and Prevention (CDC) , more than 15,000 Americans have been infected with WNV , with more than 500 cases resulting in death. These diseases are the direct cause of Mosquito population reaching record highs.

Over 3,500 species of Mosquitoes have already been described from various parts of the world. Some Mosquitoes that bite humans routinely act as vectors for a number of infectious diseases affecting millions of people per year. Blood sucking Mosquitoes, depending on species , gender , and weather conditions , have a potential adult lifespan ranging from as little as a week to as long as several months.

Females of many common species of Mosquitoes can lay 100-200 eggs during the course of the adult phase of their lifecycle. Even with high egg and intergenerational mortality, over a period of several weeks a single successful breeding pair can create a population of thousands. Female Mosquitoes use two very different food sources. They need sugar for energy, which is taken from sources such as nectar, and they need blood as a source of protein for egg development.

Disease prevention through preparedness remains the mosquito control profession's primary focus, and is fully consistent with the very finest traditions of public health. We already have the Mosquitoes and we are continually importing the diseases they carry. We must be prepared to prevent their becoming part of our public health landscape. Continued public support is crucial for the success of each of these efforts. We must remain prepared to accept and meet these challenges – our citizens and our Borough's wildlife deserves no less.

This letter is to inform you that Delaware County has confirmed several cases of the West Nile Virus though out the area and has further indicated that the Mosquito population in the country has hit all time highs. The Ridley Park Borough Public Works Department will be spraying for Mosquitoes throughout the Borough, starting on May 1st. The spraying will be conducted each Wednesday, during the evening hours of 8:00PM until 12AM. The rain date will be set for the following day to maximize our efforts in controlling the wide spread mosquito population. The Borough will follow this schedule until the last week of October. These applications are being performed by a Licensed Pesticide Spray Applicator and every effort will be made to ensure public safety. Questions or concerns should be directed to William Christie at the Ridley Park Borough Hall 610-532-2100.

Pesticide : Zenivex E4 – EPA Registration # 2724-807

Applicator : William Christie - - - Ridley Park Public Works Director

Certified Public Pesticide Applicator # 708798 BU # 8402

Control of Invertebrate and Vertebrate Pests / Vegetation Control for Invasive Aquatic and Terrestrial Environments / Lawn and Turf Disease Management / Sewer Root Control / Mosquito ULV Fogging

Licensed for Residential / Commercial / Schools / Parks

Thank you for your cooperation,

William Christie