**DRAGON MOSQUITO CONTROL, Inc.**

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TOWN OF DANVILLE

2020 Budget

**Special Permit Application: no charge**

**Permits must be secured annually**. Data collected the previous season is added to the permit application as well as current pesticide labels and any changes to the program. Maps are updated. The original application and four copies are submitted to the Division of Pesticide Control where it is reviewed by the Dept of Agriculture, Dept of Environmental Services, DRED, Fish and Game, Division of Public Health and the Division of Pesticide Control. **Processing permits may take months**. Once the permit application is approved, a conditional Special Permit will be issued by the Division of Pesticide Control. Final approval is given when all conditions have been met. Chief among the conditions is the **State required public notice**.

**Arbovirus Surveillance: $ 5,000**

Adult mosquito surveillance is an early detection system for diseases such as Eastern Equine Encephalitis (EEE) and West Nile Virus (WNV). Trapping is important in assessing the risk in a community. Surveillance involves trapping adult mosquitoes. **Traps are set at four locations each week** from **July into mid-October**. **Light traps are baited with dry ice** to attract a variety of adult mosquitoes. Trap catches are collected weekly; specimens are frozen, identified to species and sent to the State Lab where they are tested for WNV and EEE. The cost of dry ice continues to rise.

**Larviciding: $ 22,000**

Larviciding is the major focus for a comprehensive control programin the Town of Danville. **Work begins in April in freshwater swamps** and continues into the summer with **catch basin treatments**. Swamps, marshes, catch basins, woodland pools, shallow ponds, ditches and other potential larval habitats are treated in the spring or after heavy rains. Now that EEE is widespread throughout NH, the focus on EEE habitats such as red maple swamps and cedar swamps is very important. Catch basins continue to be an important site to treat. Catch basin mosquitoes can carry both EEE and WNV.

**Spot Adulticiding: $ 3,300**

Spot adulticiding, which targets the school and recreation areas, is generally reserved for special events or to reduce the threat of disease. Suggested sites include the Elementary school, Colby Pond Field, Church Field, Day Field, Fire Association Hall and Goldthwaite Field. This type of treatment is done using backpack sprayers dispersing permethrin or bifenthrin. Areas may be treated from July into October. **One treatment last for 2-3 weeks** and **kills mosquitoes and ticks**.

Budget Items

**Larviciding $ 22,000** swamps & catch basins throughout town

**Surveillance $ 5,000** traps set weekly July to mid-October

**Spot Adulticiding $ 3,300** spraying high use areas July into October; 3 treatments