



March 15, 2018

Sturgeon County Council

Sturgeon County
9613 100 St
Morinville, AB
T8R 1L9

Dear Members of the County Council:

RE: Request for Permission to Access Public Lands for City of Edmonton Mosquito Control Program

The City of Edmonton requests the permission of the County of Sturgeon to access its lands in an effort to monitor and control mosquito populations in the Alberta Capital region.

The five-year term of permission requested would begin on March 1, 2018 and end on February 28, 2022. The mosquito control program in Sturgeon County is expected to start on May 2, 2018. The program will be operated by the City of Edmonton at its own expense.

This request for permission applies only to lands owned, operated or leased by the County, including ditches and road right-of-ways. Permission to access and treat on private property within the control area will be negotiated separately with each landowner. No applications on private lands will occur without written consent of the landowner.

Mosquito control program activities in this area will target the aquatic larval stages of both nuisance mosquitoes and those capable of spreading West Nile virus. Activities could include monitoring for and collecting larvae, and/or treatment of development sites in roadside areas or open field areas with insecticides. Application is performed by professional operators licensed by the Province of Alberta, utilizing backpacks, ground vehicles and/or helicopters.

The primary insecticide used in the City of Edmonton's mosquito control program is *Bacillus thuringiensis israelensis* (Bti), a microbial product that is essentially non-toxic to fish, birds, mammals and most other insects. Roadside development areas (ditches) may be treated with chlorpyrifos, a broad spectrum insecticide that is the most widely used agricultural insecticide in Alberta. All insecticides are approved for use by Health Canada's Pest Management Regulatory Agency and Alberta Environment & Parks. At Council's discretion, Sturgeon County can request that only Bti products be used on Sturgeon County lands.

The City of Edmonton does not use insecticides to treat nuisance mosquitoes in any permanent standing bodies of water, or in any development sites located within 40 meters of a residential building.

Should you require any further information, please contact myself or our Operations Supervisor, Roger Symon (780 496 6903). Thank you for your ongoing support of this program.

Sincerely,

Mike Jenkins
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Animal Care & Pest Management
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