

# 2022 Gypsy Moth Aerial Spray Program - *Sumbler Road and Cross Sections Proposal*

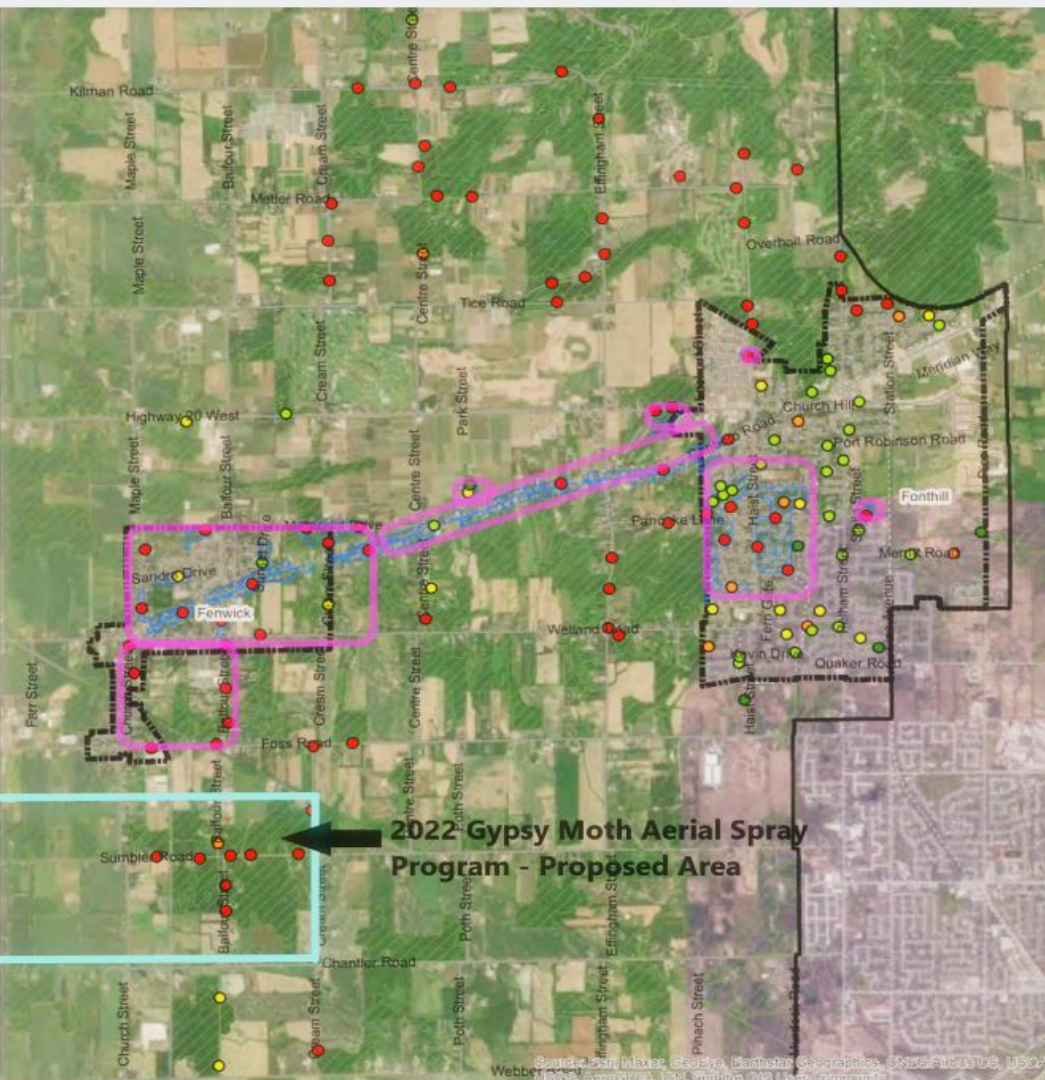
Craig Millar, September 13, 2021

# Overview and Purpose

- Sumbler Road (Victoria Avenue to Cream Street) has witnessed significant defoliation over the last 3+ years due to gypsy moth infestation
- Residents are concerned that further destruction of Niagara Peninsula Conservation Authority regulated lands will continue, should no action be taken to protect this vital Niagara Greenspace
- A decision from Pelham Town Council is requested on the proposal to include the identified segments of Sumbler Road within the 2022 Gypsy Moth Aerial Spray Program

## Previous and Proposed Aerial Spray Programs

- The pink outline on this topographical photo highlights the 2020 and 2021 aerial spray zones
- The blue outline highlights the area containing the two proposed Sumbler Road woodlots which equate to approximately 181 hectares of dense forest.
  - Refer to the following slide for a detailed depiction of the proposed 2022 Aerial Spray Program woodlots (includes complete western woodlot)





# Lallemand Inc. / Bioforest Survey Report and Resident Feedback

- “In the spring of 2020, the Town sprayed approximately 120 hectares of public and private property within the urban boundaries of Fenwick and Fonthill, including a buffer along Canboro Road between both urban areas. Post spray defoliation surveys conducted indicated a significant reduction in tree defoliation.”
- “Most healthy trees can withstand a single year of moderate to severe defoliation, but two to three years of heavy defoliation (less than or equal to 50%) can result in branch or whole tree mortality. Trees that are diseased, crowded, or stressed may die after one or two years of defoliation.”
- “The most severe defoliation is anticipated to occur: south of Fenwick (Sumbler Road, Balfour Street, Cream Street and Foss Road)”

## ***Sumbler Road Resident Feedback:***

*“My opinion is that Pelham Council needs to consider areas of high forestation and not population density. Most of the time rural residents are forgotten compared to those living in high density subdivisions”*

*“Given the significant size of the woodlots residing within Sumbler Road properties, not to mention the importance of the Carolinian Forest habitats, it would be prudent for Town Council to include these land segments in the 2022 Aerial Spray program”*

*“Although we live on Church St., we support your efforts and would like to be included in spraying”*

## Conclusion:

- Based on the information provided in the Bioforest report for the Town of Pelham, the residents of the two woodlots I have presented to Council tonight feel it is important to continue the aerial spray program going forward
- These two woodlots represent approximately 53 hectares at the west end of Sumbler Road and 128 hectares bordered by Church St., Cream St., Foss Rd. and Chantler Rd
- These two woodlots that I present to you are also within the NPCA regulated lands and represent a sizable “Provincially Significant Wetland” as set out by the Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry
- I distributed 39 letters to property owners within these woodlots and received 18 replies who want me to move forward with this request. Of those 18 replies, collectively 64 hectares of this wetland is represented
- My presentation tonight might represent a larger area than the current budget will allow. However, I think it is money well invested targeting densely forested woodlots, which could be a main source of Pelham’s Gypsy Moth issues
- We feel this is a non-partisan issue that is of concern to all citizens of Pelham. With the environment and climate change current election issues, this is a needed investment in Pelham’s future. Thank you for your time and please consider our collective request.