



TOWN OF MINTO

MEETING DATE: July 8th, 2025
REPORT TO: Mayor and Council
SERVICE AREA: Public Works
SUBJECT: PW 2025-016– Municipal Drain 19 Improvement Request

RECOMMENDATIONS:

THAT the Council of the Town of Minto hereby receives report PW 2025-016 – Municipal Drain 19 Improvement Request, prepared by the Drainage Superintendent, for information purposes;

AND FURTHER THAT the Council of the Town of Minto appoints Spriet Associates Engineers & Architects to represent the Town's interest in this matter.

INTRODUCTION

This report addresses a request for improvements to Municipal Drain 19, under Section 78 of the Drainage Act. Two (2) requests have been submitted by property owners of 5725 & 5771, 11th Line Minto, to address an old tile drainage system that has reached the end life. This report outlines the request, the drain's current state and potential improvements for council's consideration.

BACKGROUND

Municipal Drain 19 services a watershed of approximately three-hundred and ninety (390) acres of agricultural lands and consists of mostly tile drains, with a short portion of open drain at the downstream end. The aging infrastructure has led to reported issues, including multiple pipe failures on the main line drain through the 5725 11th Line property, which is significantly impacting farming operations on this property.

Records indicate that the tile was installed back in 1925, with multiple recorded repairs over the years. The spring melt of 2025, along with subsequent rainfall events proved to be too much for this 100-year-old tile system, resulting in 8-10 blowouts through a section of the main drain, causing significant damages fields the drain serves.



Figure 1- Photo taken of blowout on 5775 11th Line

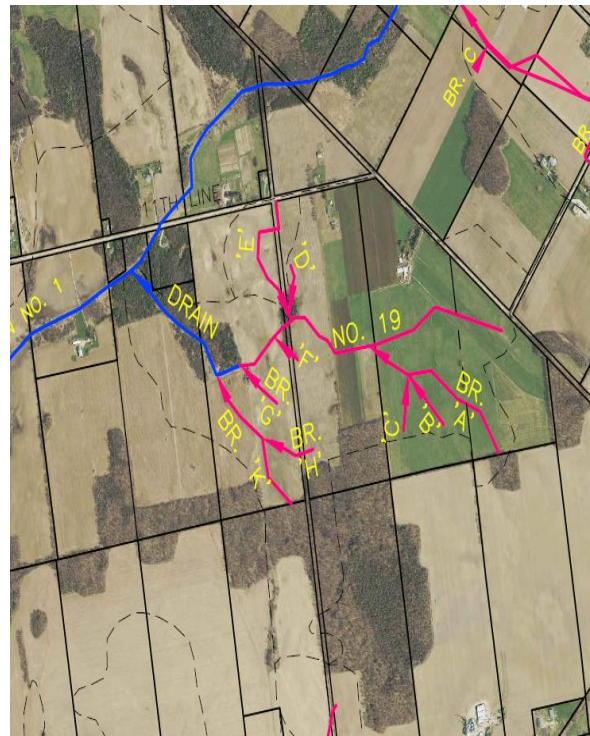


Figure 2- Municipal Drain 19

COMMENTS:

Two (2) property owners have submitted a request for improvement to address the following:

1. **Replacement the Necessary Tile Portion:** The existing tile drain is no longer functional due to significant damages caused by the aging infrastructure.
2. **Potential Upsizing of the Tile:** Preliminary assessments suggest that the existing tile may be undersized for the upstream watershed, potentially necessitating an upgrade to accommodate current and future drainage needs.

To address this request for improvement, a qualified drainage engineer shall conduct a detailed study to evaluate the drains capacity, condition, and alignment, and provide recommendations that include designs, cost estimates, landowner assessments, and timelines in accordance with Section 78 of the Drainage Act. This process requires that all affected property owners/stakeholders are notified of this process and given an opportunity to include other improvements as deemed necessary.

MVCA has been notified of this request, and they will require close consultation throughout the project. An MVCA permit may need to be obtained prior to completing any improvements.

FINANCIAL CONSIDERATION:

All costs associated with this project will be assessed to the landowners, utilities and road authorities in accordance with the Drainage Act.

STRATEGIC PLAN

N/A

PREPARED BY: Ryan Binkle, Drainage Superintendent

RECOMMENDED BY: Gregg Furtney, Chief Administrative Officer (CAO)