

McKoy Municipal Drain 2024
County of Norfolk
(Former Township of Middleton)



DIETRICH ENGINEERING LIMITED
CONSULTING ENGINEERS

Reference No. 0828

May 10, 2024



TABLE OF CONTENTS

1.0	Introduction.....	1
2.0	History	1
3.0	Abandonment.....	2
4.0	Maintenance.....	2
5.0	Assessment.....	3
6.0	Schedule A – Assessment for Maintenance	4



DIETRICH ENGINEERING LIMITED
CONSULTING ENGINEERS

10 Alpine Court, Kitchener, ON, N2E 2M7 | T: (519) 880-2708 | F: (519) 880-2709 | E: mail@dietricheng.com

Kitchener, Ontario

May 3, 2024

McKoy Municipal Drain 2024
Norfolk County
(Former Township of Middleton)

To the Mayor and Council
of Norfolk County

Members of Council:

1.0 Introduction

We are pleased to present our report on the "McKoy Municipal Drain, 2024", serving parts of Lots 10 to 12, Concession 1 S.T.R. and Lots 10 to 13, Concession 2 S.T.R. in Norfolk County, former Township of Middleton.

This report for partial abandonment of the McKoy Municipal Drain has been prepared in accordance with your instructions, pursuant to Section 84 of the Drainage Act, R.S.O. 1990, as well by request of G. Vermeersch relating to roll numbers 541-050-16600 and 541-050-16700.

The attached plan, Drawing No. 1, Reference No. 0828 shows in detail the location of the section of municipal drain to be abandoned as well as the portion of open ditch drainage system to remain as a municipal drain. All lands and roads within the watershed basin assessable for maintenance of the remaining portion of the McKoy Municipal Drain are clearly identified on the attached plan.

2.0 History

The latest report for improvements and reconstruction on the McKoy Municipal Drain was prepared by Cyril J. Demeyere P. Eng. dated April 17, 1970. The scope of work outlined in this report included:

- Relocation of approximately 2,615 feet (797 metres) of the existing drain off of the road allowance onto private property.
- The deepening of approximately 6,665 feet (2,031 metres) of the existing main open ditch.
- The deepening of approximately 1,000 feet (305 metres) of the existing branch open ditch.
- The construction of approximately 2,475 feet (754 metres) of new open ditch on Lot 10 & 11, Concession 2 S.T.R.
- Supply and installation of 60 lineal feet (18 m) of 18" (450 mm) diameter corrugated metal pipe to be installed at the road crossing of the open ditch of 1st Concession Road S.T.R. on Lot 11, between Concession 1 S.T.R. and Concession 2 S.T.R. Concession 11 Norfolk County (former Township of Middleton).

- Supply and installation of 140 lineal feet (43 metres) of 30" (750mm) diameter corrugated metal pipe to be installed at the road crossing of the open ditch of Bell Mill Sideroad (former Township of Middleton) on Concession 2 S.T.R., between Lots 10 and 11 (former Township of Middleton).
- Supply and installation of 140 lineal feet (43 metres) of 18" (450mm) diameter corrugated metal pipe to be installed at the road crossing of the open ditch of Bell Mill Sideroad (former Township of Middleton) on Concession 2 S.T.R., between Lots 10 and 11 (former Township of Middleton).

The total length of the main and branch of the McKoy Municipal Drain was approximately 7,665 feet (2,336 m).

3.0 Abandonment

The section of drain located on Part Lots 12 and 13, Concession 2 S.T.R. (Roll Numbers 50-166 and 50-167) shall be abandoned under the Drainage Act and become a private drainage system. After the passing of the by-law to abandon this section of the drainage system the municipality will have no further obligation with respect to the maintenance of the above-noted section of drain.

4.0 Maintenance

Norfolk County will be responsible for the maintenance of the McKoy from its commencement, at the top end of the open drain between Lots 11 and 12 throughout its entirety to its outlet on the W. Court property (Roll No. 50-180-10) in Lot 11 Concession 2 S.T.R. The McKoy Municipal Drain shall be maintained in accordance with the plan, profile and specifications as outlined in the revised drainage report prepared by Cyril J. Demeyere, P.Eng. dated April 17, 1970.

The 1970 by-law, and subsequent apportionments by Karl Weselan in 1977 and J.R. Spriet in 1999 are no longer appropriate for assessing out repairs and maintenance costs on the McKoy Municipal Drain.

In the future, the McKoy Municipal Drain shall be maintained at the expense of all upstream lands and roads assessed in accordance with the revised report prepared by Cyril J. Demeyere, P.Eng., dated April 17, 1970, as shown in the attached schedule of assessment for maintenance (Schedule A), and in the same relative proportions until such time as the assessment is changed under the Drainage Act.


5.0 Assessment

We assess the costs of this report (\$4,500.00 + net H.S.T.) as follows:

- 50% to G. & W. Vermeersch (Roll No. 50-166)
- 50% to G. & W. Vermeersch (Roll No. 50-167)

Respectfully submitted,

DIETRICH ENGINEERING LIMITED



W. J. Dietrich, P.Eng.

WJD:sm

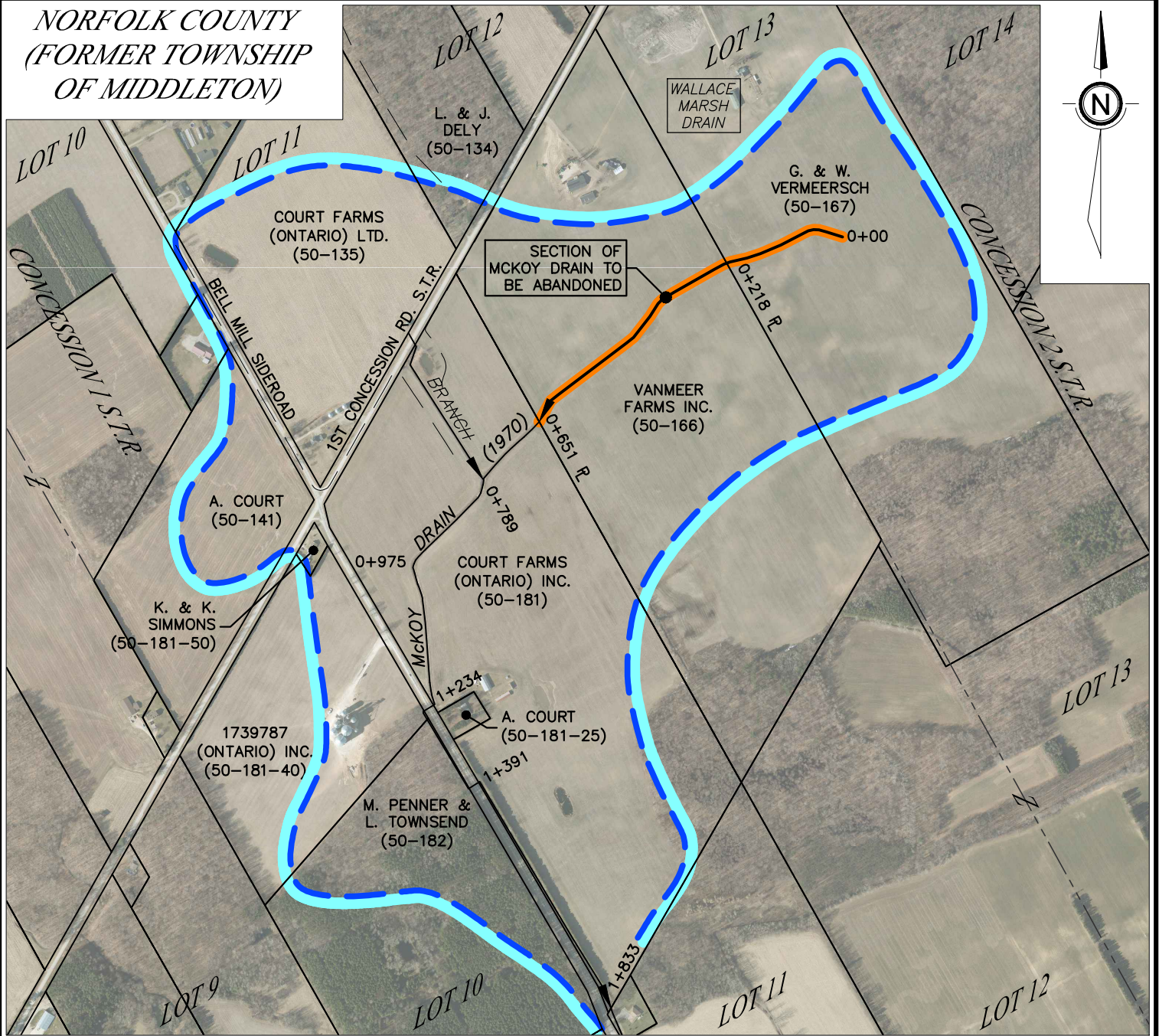
Schedule A - Assessment For Maintenance

Lot or Part	Con.	Landowner	Roll No.	Approx. Hectares Affected	Portion of Maintenance Cost
<u>Main Drain</u>					
<u>(Former Township of Middleton)</u>					
13	2 S.T.R.	G. & W. Vermeersch	10-50-167	18.2	13.6%
12	2 S.T.R.	Vanmeer Farms Inc.	10-50-166	22.7	18.6%
11	2 S.T.R.	Court Farms (Ontario) Inc.	10-50-181	35.2	22.3%
*	11	2 S.T.R. A. Court	10-50-181-25	0.4	0.6%
	10	2 S.T.R. 1739787 Ontario Ltd.	10-50-181-40	5.5	3.0%
*	10	2 S.T.R. K. & K. Simmons	10-50-181-50	0.2	0.0%
*	10	2 S.T.R. M. Penner & L. Townsend	10-50-182	7.7	4.3%
*	12	1 S.T.R. L. & J. Dely	10-50-134	0.6	0.3%
	11	1 S.T.R. Court Farms (Ontario) Inc.	10-50-135	13.8	7.1%
	10	1 S.T.R. A. Court	10-50-141	4.5	2.0%
Total Assessment on Lands					71.8%
Bell Mill Sideroad			Norfolk County	2.9	25.7%
1st Concession Road Str			Norfolk County	1.4	2.5%
Total Assessment on Roads					28.2%
Total Assessment on Lands and Roads					
McKoy Municipal Drain 2024 - Main Drain					100.0%

NOTES:

1. * Denotes lands not eligible for ADIP grants.

NORFOLK COUNTY
(FORMER TOWNSHIP
OF MIDDLETON)



LEGEND:

- DRAIN NAME → EXISTING MUNICIPAL DRAIN
- INTERIOR/EXTERIOR WATERSHED BOUNDARY
- PROPERTY BOUNDARY
- LOT OR CONCESSION BOUNDARY
- DRAIN NAME → MUNICIPAL DRAIN (TO BE ABANDONED)
- WATERSHED BOUNDARY

PLAN

PLAN SCALE



Z:\PROJECTS\2008\0828 - MCKOY MUNICIPAL DRAIN\DRAWINGS\0828 - MCKOY REPORT

PROJECT:

McKOY MUNICIPAL DRAIN 2024

DRAWING:

Plan

DATE:

May 10, 2024

DRAWING NO.:

1 of 1

PROJECT NO.:

0828



DIETRICH ENGINEERING LIMITED
CONSULTING ENGINEERS

10 Alpine Court, Kitchener, ON, N2E 2M7

